Evidencia publikačnej činnosti Univerzity Komenského v Bratislave (petra.uniba.sk)

Prehľad publikačnej činnosti a ohlasov
Stav k: 27. 2. 2026

Search terms::(must be Institution Fakulta matematiky, fyziky a informatiky UK, Univerzita Komenského v Bratislave : FMPH = Faculty of Mathematics, Physics and Informatics CU; UKOMF), (must be Period (2025 - 2025)), Podmienky zobrazenia: (Zobraziť posledné bibliometrie)

Menný zoznam publikácií:

V1
Počet výstupov: 5

V1_001 / Kubincová, Zuzana (Compiler) [UKOMFKDMFI] (16.67%) - Duraes, Dalila (Compiler) (16.666%) - Sánchez-Gómez, María Cruz (Compiler) (16.666%) - Novais, Paulo (Compiler) (16.666%) - Lancia, Loreto (Compiler) (16.666%) - Pellegrino, Maria Angela (Compiler) (16.666%): **Methodologies and Intelligent Systems for Technology Enhanced Learning, Workshops** [printed document] [electronic document] : 14th International Conference. – 1. vyd. – Cham (Switzerland) : Springer Nature. Springer, 2025. – 257 s. [printed form] [online] : text, graphs, tables, pictures (illustration). – [reviewed]. – ISBN 978-3-031-85560-3. – ISBN (online) 978-3-031-85561-0. – DOI 10.1007/978-3-031-85561-0
Methodologies and Intelligent Systems for Technology Enhanced Learning 2024, 14 [Salamanca, Spain, 26.06.2024-28.06.2024]
Lecture notes in networks and systems, ISSN 2367-3370, ISSN 2367-3389 ; 1308, SNIP: 0,233 - 2024
SJR: 0,166 - 2024
CiteScore: 1 - 2024
Nordic List: 1 - 2024
[proceedings - scientific]
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 2508 - ŠO 7605]
Indicator:
SNIP: 0,233 - 2024
SJR: 0,166 - 2024
CiteScore: 1 - 2024
Nordic List: 1 - 2024
Quartile Q:
2024, Scimago - Computer networks and communications - ; **2024, Scimago** - Control and systems engineering - ; **2024, Scimago** - Signal processing -

V1_002 / Farkaš, Igor (Compiler) [UKOMFKAI] (25%) - Takáč, Martin (Compiler) [UKOMFKAI] (25%) - Malinovská, Kristína (Compiler) [UKOMFKAI] (25%) - Zigo, Branislav (Compiler) (25%) - Bečková, Iveta (Reviewer) - Beňušková, Ľubica (Reviewer) - Boža, Vladimír (Reviewer) - Cienciala, Luděk (Reviewer) - Gál, Tomáš (Reviewer) - Hvorecký, Juraj (Reviewer) - Kocur, Viktor (Reviewer) - Marko, Martin (Reviewer) - Markošová, Mária (Reviewer) - Pócoš, Štefan (Reviewer) - Poslon, Xenia-Daniela (Reviewer) - Rybár, Ján (Reviewer) - Špajdel, Marián (Reviewer) : **Kognícia a Umelý Život** [electronic document] = Cognition and Artificial Life. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – 132 s. [online] : text. – ISBN (online) 978-80-223-6081-4
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
[proceedings - scientific]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V1_003 / Ciencialová, Lucie (Compiler) (11.112%) - Čechová, Monika (Compiler) (11.111%) - Denti, Luca (Compiler) [UKOMFKAI] (11.111%) - Holeňa, Martin (Compiler) (11.111%) - Mráz, František (Compiler) (11.111%) - Ostertág, Richard (Compiler) [UKOMFKI] (11.111%) - Pardubská, Dana (Compiler) [UKOMFKI] (11.111%) - Plátek, Martin (Compiler) (11.111%) - Stanek, Martin (Compiler) [UKOMFKI] (11.111%): **ITAT 2025** [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – 421 s. [online] : text. – [reviewed]. – ISSN (online) 1613-0073
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]

CEUR Workshop Proceedings = CEUR-WS Proceedings, ISSN 1613-0073 ; 4092, SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024
[proceedings - scientific]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V1_004 / Guričan, Jaroslav (Compiler) [UKOMFKAG] (50%) - Tekel, Juraj (Compiler) [UKOMFKTF] (50%) - Babincová, Melánia (Reviewer) - Baláž, Andrej (Reviewer) - Bartoš, Pavol (Reviewer) - Bartošovič, Lukáš (Reviewer) - Berger Haladová, Zuzana (Reviewer) - Bezáková, Daniela (Reviewer) - Bokes, Pavol (Reviewer) - Boža, Vladimír (Reviewer) - Brejová, Bronislava (Reviewer) - Budinská, Lucia (Reviewer) - Budiš, Jaroslav (Reviewer) - Bukor, Benedek (Reviewer) - Čechová, Katarína (Reviewer) - Černeková, Zuzana (Reviewer) - Červeňová, Daša (Reviewer) - Chrobáková, Žofia (Reviewer) - Čujdíková, Mária (Reviewer) - Damborská, Ingrid (Reviewer) - Dillingerová, Monika (Reviewer) - Dvornický, Rastislav (Reviewer) - Fecko, Marián (Reviewer) - Fiantok, Tomáš (Reviewer) - Gajdošech, Lukáš (Reviewer) - Gejdošová, Barbora (Reviewer) - Gera, Martin (Reviewer) - Gregor, Maroš (Reviewer) - Greguš, Ján (Reviewer) - Guller, Dušan (Reviewer) - Harman, Radoslav (Reviewer) - Herman, František (Reviewer) - Homola, Martin (Reviewer) - Horňáčková, Michaela (Reviewer) - Janáček, Jaroslav (Reviewer) - Janda, Mário (Reviewer) - Jánošková, Katarína (Reviewer) - Klačka, Jozef (Reviewer) - Kollár, Richard (Reviewer) - Kornoš, Leonard (Reviewer) - Kostoláni, Dominik (Reviewer) - Kozánek Kiss, Tünde (Reviewer) - Kršňák, Martin (Reviewer) - Kubáček, Zbyněk (Reviewer) - Kubincová, Zuzana (Reviewer) - Lapin, Milan (Reviewer) - Mačajová, Edita (Reviewer) - Matlovič, Pavol (Reviewer) - Mazák, Ján (Reviewer) - Melo, Marián (Reviewer) - Mészáros, Peter (Reviewer) - Mihala, Patrik (Reviewer) - Mihálik, Andrej (Reviewer) - Miková, Karolína (Reviewer) - Mikula, Marián (Reviewer) - Mlynárik, Vladimír (Reviewer) - Niepel, Martin (Reviewer) - Pardubská, Dana (Reviewer) - Rosa, Samuel (Reviewer) - Sedlák, Michal (Reviewer) - Šimkovic, Fedor (Reviewer) - Šinger, Miroslav (Reviewer) - Škriniarová, Jaroslava (Reviewer) - Slavíčková, Mária (Reviewer) - Sleziak, Martin (Reviewer) - Staňo, Luboš (Reviewer) - Šubjaková, Veronika (Reviewer) - Sýkora, Ivan (Reviewer) - Tóth, Juraj (Reviewer) - Urbina Medina, Ivan Alexander (Reviewer) - Vankúš, Peter (Reviewer) - Velmovská, Klára (Reviewer) - Venhart, Martin (Reviewer) - Zaujec, Viktor (Reviewer) - Ziman, Mário (Reviewer) : **Študentská vedecká konferencia FMFI UK, Bratislava, 2025** [electronic document] : Zborník príspevkov = Proceedings of the Student Science Conference 2025. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – 391 s. [online] : text, maps, graphs, tables, pictures (illustration). – ISBN (online) 978-80-8147-165-0
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
[proceedings - scientific]
[OV 240 Mathematics and statistics - OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1113 - ŠO 1160 - ŠO 2508]

V1_005 / Balogh, Štefan (Compiler) [035000] (34%) - Homola, Martin (Compiler) [UKOMFKAI] (33%) - Kenyeres, Martin (Compiler) (33%) - Oliveira, Ítalo (Reviewer) - Santamaria, Daniele Francesco (Reviewer) : **AKMIS 2025** [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – 76 s. [online] : text, illustrations, graphs, tables. – ISBN (online) 978-80-974468-2-6. – STU FEI - 480/2025. – OA
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
[proceedings - scientific]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2
Počet výstupov: 235

V2_001 / Denti, Luca (Author of correspondence) [UKOMFKAI] (50%) - Shibuya, Yoshihiro (Author of correspondence) (50%): **Weighted de novo clustering of third-generation transcriptomic datasets**. – text, graphs, tables. – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin

[Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 302-312 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 33
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_002 / Damborská, Ingrid (Author of correspondence) [UKOMFKAFZM] (100%): **Climate-induced changes in atmospheric humidity in Slovakia and their consequences**. – text, graphs, tables.
In: *Land and Water Management – Future Risks and Opportunities* [electronic document] : Book of peer-reviewed papers / Vitková, Justína [Compiler] ; Botyanszká, Lenka [Compiler] ; Szolgay, Ján [Reviewer] ; Danáčová, Michaela [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Ústav hydrológie SAV, 2025. – ISBN (online) 978-80-89139-64-4, s. 19-28 [online]
Number of all authors: 1
[contribution]
Lit.: 7
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

V2_003 / Velmovská, Klára (Author of correspondence) [UKOMFKDMFI] (100%): **New dimensions of science education within the educational reform**. – text, tables. – [reviewed]. – DOI 10.1088/1742-6596/3155/1/012002. – OA ; SCO.
In: *DIDFYZ 2025 - Education reform and its reflection in physics education* [printed document] [electronic document] / Zelenický, Ľubomír [Compiler] ; Valovičová, Ľubomíra [Compiler] ; Trník, Anton [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 3155), s. 1-7 [printed form] [online]
Meeting of DIDFYZ 2025, 24 [Terchová, Slovakia, 17.09.2025-20.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 5
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 1160 - ŠO 7605]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_004 / Adams, Zekeri (Author) [Internal PhD student] [UKOMFKAI] (30%) - Onoja, Monday (Author) [Internal PhD student] [UKOMFKAI] (30%) - Kľuka, Ján (Author) [UKOMFKAI] (10%) - Homola, Martin (Author) [UKOMFKAI] (10%) - Balogh, Štefan (Author) [035000] (10%) - Ploszek, Roderik (Author) [035000] (10%): **MAECO: Malware Ontology For Hybrid Explainable Malware Detection**. – text, illustrations.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 21-23 [online]
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Number of all authors: 6
[abstract from event - PP]
Lit.: 4
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_005 / Aird, Amanda (Author) (35%) - Štefancová, Elena (Author) [Internal PhD student] [UKOMFKAI] (20%) - Buhayh, Anas (Author) (10%) - All, Cassidy (Author) (5%) - Homola, Martin (Author) [UKOMFKAI] (5%) - Mattei, Nicholas (Author) (10%) - Burke, Robin (Author) (15%): **Integrating Individual and Group Fairness for**

Recommender Systems through Social Choice. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1145/3705328.3748087. – OA ; SCO ; WOS CC.
In: *RecSys '25: Proceedings of the Nineteenth ACM Conference on Recommender Systems* [electronic document] / Bieliková, Mária [Compiler] ; Kordík, Pavel [Compiler] ; Schedl, Markus [Compiler] ; Gemmis, Marco de [Compiler] ; Pera, Sole [Compiler] ; Alves, Rodrigo [Compiler] ; Jeunen, Olivier [Compiler] ; Ostuni, Vito [Compiler]. – 1. vyd. – New York (United States) : Association for Computing Machinery, 2025. – (The ACM Conference Series on Recommender Systems). – ISBN (online) 979-8-4007-1364-4, s. 177-186 [online]
Recommender Systems 2025, 19 [Praha, Czech Republic, 22.09.2025-26.09.2025]
Number of all authors: 7
[contribution from event]
Lit.: 43
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_006 / Ali, Aliyu Tanko (Author) (33.334%) - Gruska, Damas (Author) [UKOMFKAI] (33.333%) - Leucker, Martin (Author) (33.333%): **Formal Model of Energy System using Attack Trees**. – text. – [reviewed]. – DOI 10.1109/EUROCON64445.2025.11073303. – SCO.
In: *IEEE EUROCON 2025 - 21st International Conference on Smart Technologies* [electronic document] : Proceedings / Czarnowski, Ireneusz [Compiler] ; Jasinski, Marek [Compiler]. – 1. vyd. – [Piscataway] (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN (online) 979-8-3315-0878-4, s. 1-6 [online]
IEEE EUROCON 2025, 21 [Gdynia, Poland, 04.06.2025-06.06.2025]
Number of all authors: 3
[contribution from event]
Lit.: 18
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_007 / Ali, Aliyu Tanko (Author) (25%) - Gruska, Damas (Author) [UKOMFKAI] (25%) - Kharraz, Karam (Author) (25%) - Leucker, Martin (Author) (25%): **Analysis of Attack Time and Costs in Attack Trees via SMT Resolution**. – text. – DOI 10.1145/3726122.3726283. – SCO.
In: *ICFNDS '24: Proceedings of the 8th International Conference on Future Networks & Distributed Systems* [electronic document] / [bez zostavovateľa] [Compiler]. – [reviewed]. – 1. vyd. – New York (United States) : Association for Computing Machinery, 2025. – (ACM International Conference Proceeding Series). – ISBN 979-8-4007-1170-1, s. 1057-1064 [online]
ICFNDS 2024 : Future Networks & Distributed Systems, 8 [Marakéš, Morocco, 11.12.2024-12.12.2024]
Number of all authors: 4
[contribution from event]
Lit.: 23
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_008 / Allakhverdyan, V. A. (Author) (1.568%) - Avrorin, Aleksandr D. (Author) (1.538%) - Avrorin, Aleksandr V. (Author) (1.538%) - Aynutdinov, Vladimír M. (Author) (1.538%) - Beňušová, Zuzana (Author) [Internal PhD student] [UKOMFKJFB] (1.538%) - Dvornický, Rastislav (Author of correspondence) [UKOMFKJFB] (1.538%) - Eckerová, Eliška (Author) [UKOMFKJFB] (1.538%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (1.538%): **Overview of the Baikal-GVD neutrino telescope: 2024 status**. – text, graphs. – [reviewed]. – DOI 10.1051/epjconf/202531904002. – OA ; SCO ; WOS CC ; CPCI-S.
In: *RICAP-24 : 9th Roma International Conference on Astroparticle Physics* [electronic document] / Capone, Antonio [Compiler] ; Celli, S. [Compiler] ; Gasbarra, C. [Compiler] ; Morselli, Aldo [Compiler]. – 1. vyd. – Les Ulis (France) : EDP Sciences - Web of Conferences, 2025. – (EPJ Web of Conferences, ISSN 2100-014X, ISSN 2101-6275 ; zv. 319), s. 1-7 [online]
Roma International Conference on Astroparticle Physics 2024, 9 [Rím, Italy, 23.09.2024-27.09.2024]
Number of all authors: 65
[contribution from event]
Lit.: 17
[OV 091 Physics]
[ŠO 1160]

V2_009 / Allakhverdyan, V. A. (Author) (1.568%) - Avrorin, Aleksandr D. (Author) (1.538%) - Avrorin, Aleksandr

V. (Author) (1.538%) - Aynutdinov, Vladimír M. (Author) (1.538%) - Beňušová, Zuzana (Author) [Internal PhD student] [UKOMFKJFB] (1.538%) - Dvornický, Rastislav (Author) [UKOMFKJFB] (1.538%) - Eckerová, Eliška (Author) [Internal PhD student] [UKOMFKJFB] (1.538%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (1.538%): **Real-time follow-up of multimessenger alerts at the Baikal-GVD telescope**. – text, graphs. – [reviewed]. – DOI 10.1088/1742-6596/2984/1/012023. – SCO ; OA.
In: *The V International Scientific Forum "Nuclear Science and Technologies"* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Londýn (United Kingdom) : Institute of Physics, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; 2984), s. 1-8 [online]
International Scientific Forum "Nuclear Science and Technologies" 2024, 5 [Alma-Ata, Kazakhstan, 07.10.2024-11.10.2024]
Number of all authors: 65
[contribution from event]
Lit.: 18
[OV 091 Physics]
[ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_010 / Antalic, Stanislav (Author) [UKOMFKJFB] (100%): **Nuclear Isomers in Heaviest Elements and their Structure**. – text, pictures (illustration). – [reviewed].
In: *Proceedings 28th Conference of Slovak Physicists* [printed document] / Džubinská, Andrea [Compiler] ; Reiffers, Marián [Compiler]. – 1. vyd. – Košice (Slovakia) : Slovenská fyzikálna spoločnosť, 2025. – ISBN 978-80-89855-27-8, s. 73-74 [printed form]
Konferencia slovenských fyzikov 2025, 28 [Prešov, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 11
[OV 091 Physics]
[ŠO 1160]

V2_011 / Anthony, Peter (Author) [Internal PhD student] [UKOMFKAI] (33.334%) - Wilson, Philip (Author) (33.333%) - Adams, Zekeri (Author) [Internal PhD student] [UKOMFKAI] (33.333%): **X-MalNet: A Novel Multi-Level eXplainability Framework for Malware Detection Using Matrix Product States (MPS) Tensor Networks**. – text.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 52-52 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_012 / Aqif, Muhammad (Author) [Internal PhD student] [UKOMFCENAM] (34%) - Triyono, Djoko (Author) (33%) - Rafsanjani, Rifqi Almusawi (Author) (33%): **Bi-Doped LaFeO3 Perovskite for Fast and Stable Humidity Sensing**. – text, pictures (illustration). – [reviewed].
In: *SURFINT - SREN IX* [printed document] : Extended Abstract Book of the 9th Conference Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News. Smolenice, Slovak Republic. November 18-20, 2025 / Bačová, Silvia [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-6152-1, s. 68-69
Progress in Applied Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News, 9 [Smolenice, Slovakia, 18.11.2025-20.11.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

V2_013 / Ashafa, Hafsat (Author) (50%) - Suleiman, Aisha Umar (Author) [Internal PhD student] [UKOMFKAI] (50%): **Anomaly Detection Framework For Credit Card Fraud In E-Commerce Using Enhanced Isolation Fores** : A GDPR And DPIA-Compliant Approach. – text, graphs.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 24-26 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 7
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_014 / Ashoori, Fatema (Author) [Internal PhD student] [UKOMFKDMFI] (70%) - Demkanin, Peter (Author) [UKOMFKDMFI] (30%): **Opportunities and challenges of applying educational neuroscience in online physics teaching** : a case study of Afghan high school girls. – text, photographs, graphs, tables. – [reviewed]. – DOI 10.21125/iceri.2025.0477.
In: *ICERI2025 Proceedings* [electronic document] : 18th Annual International Conference of Education, Research and Innovation / Chova, Luis Goméz [Compiler] ; Martínez, Chelo González [Compiler] ; Lees, Joanna [Compiler]. – 1. vyd. – Valencia (Spain) : IATED, 2025. – (ICERI Proceedings, ISSN 2340-1095). – ISBN (online) 978-84-09-78706-7, s. 1178-1184 [online]
ICERI 2025, 18 [Seville, Spain, 10.11.2025-12.11.2025]
Number of all authors: 2
[contribution from event]
Lit.: 9
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
Nordic List: 1 - 2024

V2_015 / Ashoori, Fatema (Author) [Internal PhD student] [UKOMFKDMFI] (50%) - Demkanin, Peter (Author) [UKOMFKDMFI] (20%) - Jafari, Shakardokht (Author) (10%) - Vahidi, A. R. (Author) (10%) - Alipoor, S. (Author) (10%): **Learning without borders: a hybrid irregular education system for girls out of school in Afghanistan**. – text, graphs, tables. – [reviewed]. – DOI 10.21125/iceri.2025.0512.
In: *ICERI2025 Proceedings* [electronic document] : 18th Annual International Conference of Education, Research and Innovation / Chova, Luis Goméz [Compiler] ; Martínez, Chelo González [Compiler] ; Lees, Joanna [Compiler]. – 1. vyd. – Valencia (Spain) : IATED, 2025. – (ICERI Proceedings, ISSN 2340-1095). – ISBN (online) 978-84-09-78706-7, s. 1313-1321 [online]
ICERI 2025, 18 [Seville, Spain, 10.11.2025-12.11.2025]
Number of all authors: 5
[contribution from event]
Lit.: 13
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
Nordic List: 1 - 2024

V2_016 / Atikukke, Sahithya (Author) [UKOMFKAFZM] (20%) - Bhat, Pavitra Ganapati (Author) [Internal PhD student] [UKOMFKEF] (20%) - Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (20%) - Maurya, Gulab Singh (Author) (20%) - Veis, Pavel (Author of correspondence) [UKOMFKEF] (20%): **Application of LIBS in Nuclear Technology**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/978-3-031-85975-5_18.
In: *Laser-Induced Breakdown Spectroscopy in Biological, Forensic and Materials Sciences* [printed document] [electronic document] / Galbács, Gábor [Compiler]. – 2. aktual. vyd. – Cham (Switzerland) : Springer Nature, 2025. – ISBN 978-3-031-85974-8. – ISBN 978-3-031-85977-9. – ISBN (online) 978-3-031-85975-5, s. 507-536 [printed form] [online]
Number of all authors: 5
[contribution]
Lit.: 102
[OV 091 Physics]
[ŠO 1160]

V2_017 / Balga, Tibor (Author) [UKOTVKEH] (55%) - Sližik, Miroslav (Author) [125799] (20%) - Dovičák, Martin (Author) (3%) - Cihová, Iveta (Author) (10%) - Antala, Branislav (Author) [UKOTVKEH] (4%) - Luptáková, Gabriela (Author) [UKOTVKEH] (5%) - Macháček, Ján (Author) (3%): **Primary school teacher's feedback and experiences from tandem teaching of physical and sports education in Slovakia**. – text.
In: *19th FIEPS European congress* [electronic document] : book of abstracts / Sahin, Mustafa Yasar [Compiler] ; Yildiz, Mehmet [Compiler]. – [reviewed]. – 1. vyd. – Antalya (Turkey) : FIEP - Fédération internationale d'education physique, 2025. – ISBN 978-625-96318-0-6, s. 94-94 [online]
FIEPS European congress, 19 [Antalya, Turkey, 24.04.2025-27.04.2025]
Number of all authors: 7
[abstract from event - PP]
[OV 010 Pedagogical science - OV 210 Sports sciences]
[ŠO 7418 - ŠO 7605]

V2_018 / Bartoš, Erik (Author) (25%) - Dubnička, Stanislav (Author) (25%) - Dubničková, Anna Zuzana (Author) (25%) - Liptaj, Andrej (Author) (25%): **Universal Unitary and Analytic Model of Electroweak Structure of Hadrons in More Detail**. – text, pictures (illustration). – [reviewed].
In: *Proceedings 28th Conference of Slovak Physicists* [printed document] / Džubinská, Andrea [Compiler] ; Reiffers, Marián [Compiler]. – 1. vyd. – Košice (Slovakia) : Slovenská fyzikálna spoločnosť, 2025. – ISBN 978-80-89855-27-8, s. 63-65 [printed form]
Konferencia slovenských fyzikov 2025, 28 [Prešov, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 4
[contribution from event]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

V2_019 / Bartošovič, Lukáš (Author) [UKOMFKDMFI] (75%) - Demkanin, Peter (Author) [UKOMFKDMFI] (25%): **From building kits to simulations** : Developing college students' physics thinking using LEGO Technic and animations. – text, photographs, tables, pictures (illustration). – [reviewed]. – DOI 10.1088/1742-6596/3155/1/012025. – OA ; SCO.
In: *DIDFYZ 2025 - Education reform and its reflection in physics education* [printed document] [electronic document] / Zelenický, Ľubomír [Compiler] ; Valovičová, Ľubomíra [Compiler] ; Trník, Anton [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 3155), s. 1-8 [printed form] [online]
Meeting of DIDFYZ 2025, 24 [Terchová, Slovakia, 17.09.2025-20.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 28
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 1160 - ŠO 7605]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_020 / Bartošovič, Lukáš (Author) [UKOMFKDMFI] (70%) - Demkanin, Peter (Author) [UKOMFKDMFI] (20%) - Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (10%): **Bridging Real-World Experiments and Computer Models in an Undergraduate Physics Course**. – text. – [reviewed]. – DOI 10.21125/inted.2025.0690.
In: *INTED2025* [electronic document] : conference proceedings : 19th International Technology, Education and Development Conference / Chova, Luis Goméz [Compiler] ; González Martínez, Chelo [Compiler] ; Lees, Joanna [Compiler]. – 1. vyd. – Valencia (Spain) : IATED, 2025. – (INTED Proceedings, ISSN 2340-1079). – ISBN (online) 978-84-09-70107-0. – ISSN 2340-1079, s. 2512-2520 [online]
International Technology, Education and Development Conference, 19 [Valencia, Spain, 03.03.2025-05.03.2025]
Number of all authors: 3
[contribution from event]
Lit.: 30
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

Indicator:
Nordic List: 0 - 2024

V2_021 / Bartošovič, Lukáš (Author) [UKOMFKDMFI] (40%) - Demkanin, Peter (Author) [UKOMFKDMFI] (50%) - Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (10%): **Experience from Integration of an Introductory Physics Course: Focus on the Doppler Effect Lesson**. – text. – [reviewed]. – DOI 10.21125/inted.2025.0480.
In: *INTED2025* [electronic document] : conference proceedings : 19th International Technology, Education and Development Conference / Chova, Luis Goméz [Compiler] ; González Martínez, Chelo [Compiler] ; Lees, Joanna [Compiler]. – 1. vyd. – Valencia (Spain) : IATED, 2025. – (INTED Proceedings, ISSN 2340-1079). – ISBN (online) 978-84-09-70107-0. – ISSN 2340-1079, s. 1577-1583 [online]
International Technology, Education and Development Conference, 19 [Valencia, Spain, 03.03.2025-05.03.2025]
Number of all authors: 3
[contribution from event]
Lit.: 18
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 2508]
Indicator:
Nordic List: 0 - 2024

V2_022 / Bečková, Iveta (Author) [UKOMFKAI] (100%): **Counterfactual Explanations to Detect Adversarial Vulnerability of Malware Classifiers**. – text.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 38-39 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 4
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_023 / Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (50%) - Aliev, Ali (Author) (50%): **Integration of Transparent Superconducting Oxides in Next-Generation Solar Cells**. – text. – [reviewed].
In: *SURFINT - SREN IX* [printed document] : Extended Abstract Book of the 9th Conference Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News. Smolenice, Slovak Republic. November 18-20, 2025 / Bačová, Silvia [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-6152-1, s. 55-57
Progress in Applied Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News, 9 [Smolenice, Slovakia, 18.11.2025-20.11.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

V2_024 / Bezáková, Barbora (Author) (50%) - Berger Haladová, Zuzana (Author) [UKOMFKAI] (50%): **Canine Action Recognition** : Exploring Keypoint and Non-Keypoint Approaches Enhanced by Synthetic Data. – text, photographs, graphs, tables. – [reviewed]. – DOI 10.5220/0013195000003912.
In: *Proceedings of the 20th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications* (3) [electronic document] / Bashford-Rogers, Thomas [Compiler] ; Meneveaux, Daniel [Compiler] ; Ammi, Mehdi [Compiler] ; Ziat, Mounia [Compiler] ; Jänicke, Stefan [Compiler] ; Purchase, Helen [Compiler] ; Radeva, Petia [Compiler] ; Furnari, Antonino [Compiler] ; Bouatouch, Kadi [Compiler] ; Sousa, A. Augusto [Compiler]. – 1. vyd. – Setúbal (Portugal) : SciTePress, 2025. – (VISIGRAPP, ISSN 2184-4321). – ISBN (online) 978-989-758-728-3, s. 584-591 [online]
The International Conference on Computer Vision Theory and Applications, 20 [Porto, Portugal, 26.02.2025-28.02.2025]
Number of all authors: 2
[contribution from event]
Lit.: 18

[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,27 - 2024
SJR: 0,181 - 2024
CiteScore: 0,9 - 2024

V2_025 / Bezáková, Daniela (Author) [UKOMFKDMFI] (50%) - Hrušecká, Andrea (Author) [UKOMFKDMFI] (50%): **Analýza riešení úlohy Spracovanie reťazcov zo súťaže iBobor** = Analysis of Solutions to the String Processing Task from the Bebras Challenge. – text.
In: *DidInfo 2025* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Berki, Jan [Reviewer] ; Borkovcová, Monika [Reviewer] ; Dudáš, Adam [Reviewer] ; Filipi, Zbyněk [Reviewer] ; Guniš, Ján [Reviewer] ; Hamada, Adrián [Reviewer] ; Huraj, Ladislav [Reviewer] ; Jacková, Jana [Reviewer] ; Kubík, Rudolf [Reviewer] ; Lessner, Daniel [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Ivecký, Miroslav [Reviewer] ; Stoffová, Veronika [Reviewer] ; Šaloun, Petr [Reviewer] ; Šimandl, Václav [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Vaníček, Jiří [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2230-6, s. 13-21 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 8
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_026 / Bíla, Tamara (Author) [External PhD student] [UKOMFKAI] (90%) - Farkaš, Igor (Author) [UKOMFKAI] (10%): **In Search of Meaning: Unveiling Interpretable Concepts in Neural Representation**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 13-18 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 2
[contribution from event]
Lit.: 11
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_027 / Blažeková, Pavla (Author) (50%) - Miková, Karolína (Author) [UKOMFKDMFI] (50%): **Možnosti využitia Retro Arcade vo vyučovaní**.
In: *DidInfo 2025* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Berki, Jan [Reviewer] ; Borkovcová, Monika [Reviewer] ; Dudáš, Adam [Reviewer] ; Filipi, Zbyněk [Reviewer] ; Guniš, Ján [Reviewer] ; Hamada, Adrián [Reviewer] ; Huraj, Ladislav [Reviewer] ; Jacková, Jana [Reviewer] ; Kubík, Rudolf [Reviewer] ; Lessner, Daniel [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Ivecký, Miroslav [Reviewer] ; Stoffová, Veronika [Reviewer] ; Šaloun, Petr [Reviewer] ; Šimandl, Václav [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Vaníček, Jiří [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2230-6, s. 22-29 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[contribution from event]
Lit.: 5
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_028 / Blšták, Miroslav (Author) [KINIT] (25%) - Kopčan, Jaroslav (Author) [KINIT] (25%) - Šuppa, Marek (Author of correspondence) [External PhD student] [UKOMFKAI] (25%) - Havran, Samuel (Author) (10%) - Findor, Andrej (Author) (5%) - Takáč, Martin (Author) [UKOMFKAI] (5%) - Šimko, Marián (Author) [KINIT] (5%): **When the Dictionary Strikes Back** : A Case Study on Slovak Migration Location Term Extraction and NER via Rule-Based vs. LLM Methods. – text, graphs, tables. – [reviewed]. – DOI 10.18653/v1/2025.bsnlp-1.11.
In: *Proceedings of the 10th Workshop on Slavic Natural Language Processing (Slavic NLP 2025)* [electronic document] : Co-located with the 63rd Annual Meeting of the Association for Computational Linguistics (ACL) / Piskorski, Jakub [Compiler] ; Přibáň, Pavel [Compiler] ; Nakov, Preslav [Compiler] ; Yangarber, Roman [Compiler] ; Marcińczuk, Michal [Compiler]. – 1. vyd. – Kerrville (United States) : Association for Computational Linguistics, 2025. – ISBN (online) 978-1-959429-57-9, s. 91-100 [online]
Slavic Natural Language Processing 2025, 10 [Viedeň, Austria, 31.07.2025]
Number of all authors: 7
[contribution from event]
Lit.: 14
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_029 / Boborová, Janka (Author) [Internal PhD student] [UKOMFKAI] (65%) - Kloc, Jakub (Author) (10%) - Homola, Martin (Author) [UKOMFKAI] (20%) - Pukancová, Júlia (Author) [UKOMFKAI] (5%): **On the Way to Diverse Datasets for Evaluating ABox Abduction Algorithms** : (Extended Abstract). – text, tables.
In: *Description Logics 2025* [electronic document] : Proceedings of the 38th International Workshop on Description Logics / Tendera, Lidia [Compiler] ; Ibanez Garcia, Yazmin [Compiler] ; Koopmann, Patrick [Compiler] ; Gortworst, Bente [Reviewer] ; Theseider Dupre, Daniele [Reviewer]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4091), s. 1-5 [online]
Description Logics 2025, 38 [Opole, Poland, 03.09.2025-06.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 13
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_030 / Boža, Vladimír (Author) [UKOMFKAI] (80%) - Macko, Vladimír (Author) [External PhD student] [UKOMFKI] (20%): **Two Sparse Matrices are Better than One: Sparsifying Neural Networks with Double Sparse Factorization**. – text. – [reviewed]. – SCO.
In: *13th International Conference on Learning Representations (ICLR 2025)* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – [s.l.] (Virtual) : International Conference on Learning Representations ; New York (United States) : Curran Associates, 2025. – ISBN (online) 9798331320850, s. [1-19] [USB key]
International Conference on Learning Representations, 13 [Singapur, Singapore, 24.04.2025-28.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 54
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_031 / Božík, Erik (Author) (50%) - Šuppa, Marek (Author) [External PhD student] [UKOMFKAI] (50%): **Slovak Speech Corpora for Open-Source Automatic Speech Recognition**. – text, tables.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin

[Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 362-362 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 4
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_032 / Brezina, Sebastian (Author) [Internal PhD student] [UKOMFKTF] (100%): **On the gauge groups of the teleparallel equivalents of General Relativity**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Bože, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 365-369 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[contribution from event]
Lit.: 14
[OV 091 Physics]
[ŠO 1160]

V2_033 / Budinská, Lucia (Author) [UKOMFKDMFI] (33.334%) - Miková, Karolína (Author) [UKOMFKDMFI] (33.333%) - Klofáč, Patrik (Author) (33.333%): **Simple Block Programming in Microworld Based on Bebras Task - How Successful are Czech and Slovak Elementary School Students?**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1109/ICETA67772.2025.11280187.
In: *ICETA 2025* [electronic document] : 23nd year of international conference on emerging elearning technologies and applications : proceedings : November 13 – 14, 2025 Grand Hotel Starý Smokovec, High Tatras, Slovakia / Fejedelem, Štefan [Compiler]. – 1. vyd. – Piscataway (United States) : Institute of Electrical and Electronics

Engineers, 2025. – ISBN 979-8-3315-7425-3. – ISBN 979-8-3315-7427-7. – ISBN (online) 979-8-3315-7426-0, s. 127-132 [online]
ICETA 2025, 23 [Starý Smokovec, Slovakia, 13.11.2025-14.11.2025]
Number of all authors: 3
[contribution from event]
Lit.: 15
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_034 / Budinská, Lucia (Author) [UKOMFKDMFI] (50%) - Winczer, Michal (Author) [UKOMFKDMFI] (50%): **Figúrky na šachovnici – analýza riešení abstraktnej úlohy zo súťaže iBobor**. – text.
In: *DidInfo 2025* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Berki, Jan [Reviewer] ; Borkovcová, Monika [Reviewer] ; Dudáš, Adam [Reviewer] ; Filipi, Zbyněk [Reviewer] ; Guniš, Ján [Reviewer] ; Hamada, Adrián [Reviewer] ; Huraj, Ladislav [Reviewer] ; Jacková, Jana [Reviewer] ; Kubík, Rudolf [Reviewer] ; Lessner, Daniel [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Ivecký, Miroslav [Reviewer] ; Stoffová, Veronika [Reviewer] ; Šaloun, Petr [Reviewer] ; Šimandl, Václav [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Vaníček, Jiří [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2230-6, s. 40-47 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[contribution from event]
Lit.: 16
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_035 / Bucher, Matúš (Author) (50%) - Bernát, Dušan (Author of correspondence) [UKOMFKI] (50%): **Overview of reverse shell techniques**. – text, tables. – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 343-357 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 40
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_036 / Cibula, Miroslav (Author) (60%) - Malinovská, Kristína (Author) [UKOMFKAI] (30%) - Farkaš, Igor (Author) [UKOMFKAI] (10%): **Hyperparameter space analysis via interpretable meta-modeling**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 15-18 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 3
[contribution from event]
Lit.: 11
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_037 / Cozzi, Davide (Author) (16.667%) - Riccardi, Brian (Author) (16.667%) - Denti, Luca (Author) [UKOMFKAI] (16.666%) - Ciccolella, Simone (Author) (16.667%) - Sadakane, Kunihiko (Author) (16.666%) - Bonizzoni, Paola (Author) (16.667%): **Pangenome Graph Indexing via the Multidollar-BWT**. – text. – [reviewed]. – DOI 10.4230/LIPIcs.SEA.2025.13. – SCO.
In: *23rd International Symposium on Experimental Algorithms (SEA 2025)* / Mutzel, Petra [Compiler] ; Prezza, Nicola [Compiler]. – 1. vyd. – Wadern (Germany) : Leibniz-Zentrum für Informatik - Dagstuhl Publishing, 2025. – (Leibniz International Proceedings in Informatics, ISSN 1868-8969 ; Vol. 338). – ISBN 9783959773751, s. [1-17] [online]
International Symposium on Experimental Algorithms, 23 [Benátky, Italy, 22.07.2025-24.07.2025]
Number of all authors: 6
[contribution from event]
Lit.: 24
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,731 - 2024
SJR: 0,616 - 2024
CiteScore: 1,8 - 2024

V2_038 / Cruz San Martin, Vinicius (Author) [Internal PhD student] [UKOMFCENAM] (40%) - Staňo, Ľubomír (Author) [UKOMFCENAM] (40%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (20%): **Porous Ni-based thin films prepared by magnetron sputtering for hydrogen gas sensing and production**. – text, pictures (illustration). – [reviewed].
In: *SURFINT - SREN IX* [printed document] : Extended Abstract Book of the 9th Conference Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News. Smolenice, Slovak Republic. November 18-20, 2025 / Bačová, Silvia [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-6152-1, s. 97-99
Progress in Applied Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News, 9 [Smolenice, Slovakia, 18.11.2025-20.11.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

V2_039 / Staňo, Ľubomír (Author of correspondence) [UKOMFCENAM] (40%) - Cruz San Martin, Vinicius (Author) [Internal PhD student] [UKOMFCENAM] (30%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (20%) - Izai, Vitalii (Author) [UKOMFCENAM] (10%): **Nickel and titanium nanoclusters prepared by magnetron sputtering for hydrogen sensing and electrochemical applications**. – text, pictures (illustration). – [reviewed].
In: *SURFINT - SREN IX* [printed document] : Extended Abstract Book of the 9th Conference Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News. Smolenice, Slovak Republic. November 18-20, 2025 / Bačová, Silvia [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-6152-1, s. 45-47
Progress in Applied Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News, 9 [Smolenice, Slovakia, 18.11.2025-20.11.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

V2_040 / Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (70%) - Demkanin, Peter (Author) [UKOMFKDMFI] (30%): **Fluid Mechanics and the Ways Pupils Think**. – text, tables. – [reviewed].
In: *GIREP-EPEC 2025* [electronic document] : Book of Extended Abstracts / Logman, Paul [Compiler]. – 1. vyd. – Leiden (Netherlands) : Universiteit Leiden, 2025. – ISBN (online) 978-94-92496-01-0. – ISBN (wrong) 978-94-9249601-0, s. 278-279 [online]
GIREP-EPEC Conference 2025 [Leiden, Netherlands, 30.06.2025-04.07.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 6

[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

V2_041 / Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (100%): **Základný výskum v oblasti aplikácie vybraných poznatkov kognitívnej neurovedy do teórie vyučovania fyziky**. – text.
In: *Juvenilia Paedagogica 2025* [electronic document] : aktuálne teoretické a výskumné otázky pedagogiky v konceptoch dizertačných prác doktorandov : zborník príspevkov z konferencie s medzinárodnou účasťou konanej dňa 07. 02. 2025 pod záštitou dekanky Pedagogickej fakulty TU v Trnave / Rajský, Andrej [Compiler] ; Lechta, Viktor [Reviewer] ; Mačkinová, Monika [Reviewer] ; Jirásek, Ivo [Reviewer] ; Bosáková, Kristína [Reviewer]. – 1. vyd. – Trnava (Slovakia) : Trnavská univerzita v Trnave. Pedagogická fakulta. Katedra pedagogických štúdií, 2025. – ISBN 978-80-568-0732-3, s. 52-62 [online]
Juvenilia paedagogica 2025, 15 [Trnava, Slovakia, 07.02.2025]
Number of all authors: 1
[contribution from event]
Lit.: 17
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

V2_042 / Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (80%) - Demkanin, Peter (Author) [UKOMFKDMFI] (20%): **The theory of the Five Pillars of the Mind and Physics Education**. – text. – [reviewed]. – DOI 10.1088/1742-6596/2950/1/012009. – SCO ; OA.
In: *GIREP-EPEC 2023 Conference* (1) [printed document] [electronic document] / Ješková, Zuzana [Compiler] ; Hanč, Jozef [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 2950). – ISSN 1742-6588. – ISSN (online) 1742-6596, s. 1-10 [printed form] [online]
GIREP-EPEC Conference 2023 [Košice, Slovakia, 03.07.2023-07.07.2023]
Number of all authors: 2
[contribution from event]
Lit.: 20
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_043 / Čujdíková, Mária (Author) [UKOMFKDMFI] (50%) - Kalaš, Ivan (Author) [UKOMFKDMFI] (50%): **Výučba programovania na RŠi očami študentov** = Students' Perspectives on Teaching Programming at RŠi. – text.
In: *DidInfo 2025* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Berki, Jan [Reviewer] ; Borkovcová, Monika [Reviewer] ; Dudáš, Adam [Reviewer] ; Filipi, Zbyněk [Reviewer] ; Guniš, Ján [Reviewer] ; Hamada, Adrián [Reviewer] ; Huraj, Ladislav [Reviewer] ; Jacková, Jana [Reviewer] ; Kubík, Rudolf [Reviewer] ; Lessner, Daniel [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Ivecký, Miroslav [Reviewer] ; Stoffová, Veronika [Reviewer] ; Šaloun, Petr [Reviewer] ; Šimandl, Václav [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Vaníček, Jiří [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2230-6, s. 48-56 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[contribution from event]
Lit.: 7
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_044 / Čujdíková, Mária (Author) [UKOMFKDMFI] (33.334%) - Jánošková, Katarína (Author) [Internal PhD student] [UKOMFKDMFI] (33.333%) - Vankúš, Peter (Author) [UKOMFKDMFI] (33.333%): **Future Teachers' Perceptions of Different Educational Escape Room Designs**. – text. – [reviewed]. – SCO.
In: *The Proceedings of the 19th European Conference on Games Based Learning* (1) [printed document] [electronic document] / Sigurdardottir, Helga Dis Isfold [Compiler] ; Munkvold, Robin Isfold [Compiler]. – 1. vyd. – Reading

(United Kingdom) : Academic Conferences International Limited, 2025. – (European Conference on Games-Based Learning, ISSN 2049-0992, ISSN 2049-100X). – ISBN 978-1-917204-55-2. – ISBN (online) 978-1-917204-54-5, s. 193-200 [printed form] [online]
European Conference on Games Based Learning, 19 [Levanger, Norway, 01.10.2025-03.10.2025]
Number of all authors: 3
[contribution from event]
Lit.: 18
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]
Indicator:
SNIP: 0,352 - 2024
SJR: 0,17 - 2024
CiteScore: 0,9 - 2024

V2_045 / Čujdíková, Mária (Author) [UKOMFKDMFI] (100%): **Comparison of Manually Createda and AI-Generated Mind Maps: Insights from Preservice Teachers**. – text. – [reviewed]. – DOI 10.21125/edulearn.2025.1831.
In: *EDULEARN25 conference proceedings* [electronic document] : 17th International conference on education and new learning technologies / Chova, Luis Goméz [Compiler] ; González Martínez, Chelo [Compiler] ; Lees, Joanna [Compiler]. – 1 vyd. – Valencia (Spain) : IATED, 2025. – (EDULEARN Proceedings, ISSN 2340-1117). – ISBN (online) 978-84-09-74218-9, s. 7441-7445 [online] [CD-ROM] [USB key]
EDULEARN25, 17 [Palma, Spain, 30.06.2025-02.07.2025]
Number of all authors: 1
[contribution from event]
Lit.: 7
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_046 / Daniel, Dušan (Author) [Internal PhD student] [UKOMFKDMFI] (100%): **Návrh a pilotné overovanie testu algebrického myslenia**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 142-142 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 6
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 1113 - ŠO 7605]

V2_047 / Hianik, Tibor (Author of correspondence) [UKOMFKJFB] (35%) - Davoudian, Katharina (Author) (20%) - Spagnolo, Sandro (Author) [UKOMFKJFB] (10%) - Šubjaková, Veronika (Author) [UKOMFKJFB] (20%) - Tatarko, Marek (Author) [UKOMFKJFB] (10%) - Thompson, Michael (Author) (5%): **Biosensors based on DNA aptamers for detection of bacterial pathogens in food**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/bs.afnr.2025.04.007. – SCO.
In: *Advances in Food and Nutrition Research* [printed document] [electronic document] / Toldrá, Fidel [Compiler]. – 1. vyd. – Roč. 116. – Cambridge (United States) : Academic Press Inc., 2025. – (Advances in Food and Nutrition Research, ISSN 1043-4526). – ISBN 9780443429736. – ISBN (online) 9780443429743, s. 295-358 [printed form] [online]
Number of all authors: 6
[contribution]
Lit.: 205
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1420 - ŠO 1160]

V2_048 / Demkanin, Peter (Author) [UKOMFKDMFI] (50%) - Bartošovič, Lukáš (Author) [UKOMFKDMFI] (10%) - Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (40%): **Review of Utilisation of Modelling as Part of Complex Software Environment for Physics Education at the Age of 12-15**. – text, pictures (illustration). – [reviewed].
In: *GIREP-EPEC 2025* [electronic document] : Book of Extended Abstracts / Logman, Paul [Compiler]. – 1. vyd. – Leiden (Netherlands) : Universiteit Leiden, 2025. – ISBN (online) 978-94-92496-01-0. – ISBN (wrong) 978-94-9249601-0, s. 75-76 [online]
GIREP-EPEC Conference 2025 [Leiden, Netherlands, 30.06.2025-04.07.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

V2_049 / Demkanin, Peter (Author) [UKOMFKDMFI] (70%) - Ellermeijer, Ton (Author) (10%) - Novotná, Silvia (Author) [Internal PhD student] [UKOMFKDMFI] (10%) - Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (10%): **Surprising and interesting projects with Coach - some myths and some facts**. – text. – [reviewed]. – DOI 10.1088/1742-6596/2950/1/012023. – SCO ; OA.
In: *GIREP-EPEC 2023 Conference* (1) [printed document] [electronic document] / Ješková, Zuzana [Compiler] ; Hanč, Jozef [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 2950). – ISSN 1742-6588. – ISSN (online) 1742-6596, s. 1-8 [printed form] [online]
GIREP-EPEC Conference 2023 [Košice, Slovakia, 03.07.2023-07.07.2023]
Number of all authors: 4
[contribution from event]
Lit.: 28
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_050 / Demkanin, Peter (Author) [UKOMFKDMFI] (75%) - Bartošovič, Lukáš (Author) [UKOMFKDMFI] (25%): **Science of learning and current reform of physics education in Slovakia**. – text, photographs, pictures (illustration). – [reviewed]. – DOI 10.1088/1742-6596/3155/1/012004. – OA ; SCO.
In: *DIDFYZ 2025 - Education reform and its reflection in physics education* [printed document] [electronic document] / Zelenický, Ľubomír [Compiler] ; Valovičová, Ľubomíra [Compiler] ; Trník, Anton [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 3155), s. 1-8 [printed form] [online]
Meeting of DIDFYZ 2025, 24 [Terchová, Slovakia, 17.09.2025-20.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 16
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:

SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_051 / Demovič, Martin (Author) (25%) - Švec, Peter (Author) (25%) - Homola, Martin (Author) [UKOMFKAI] (25%) - Funk, Maurice (Author) (25%): **On the Prospects of EL and ELU Concept Learners for Explainable Malware Detection**. – text.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 42-43 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 12
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_052 / Devi, Meenakshi (Author) (20%) - Khandelwal, Saurabh (Author) (20%) - Vidiš, Marek (Author) [UKOMFCENAM] (20%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (20%) - Jabir, Abusaleh (Author) (20%): **Impact of Negative Biased Current on Memristive Sensor Response to Chemical Exposure**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1109/EAIC66483.2025.11101323. – SCO.
In: *2025 International Conference on Electronics, AI and Computing (EAIC)* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Piscataway (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN (online) 979-8-3315-5358-6, s. 1-6 [online]
International Conference on Electronics, AI, and Computing 2025 [Džalandhar, India, 05.06.2025-07.06.2025]
Number of all authors: 5
[contribution from event]
Lit.: 24
[OV 091 Physics]
[ŠO 1160]

V2_053 / Diňa, Dominik (Author) (50%) - Cimerman, Richard (Author) [UKOMFKAFZM] (50%): **Využitie výboja prechodovej iskry pre konverziu CO2**. – text, photographs, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 153-163 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]

Lit.: 7
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

V2_054 / Ding, Yaqing (Author) (14.29%) - Kocur, Viktor (Author) (14.285%) - Berger Haladová, Zuzana (Author) [UKOMFKAI] (14.285%) - Wu, Qianliang (Author) (14.285%) - Cai, Shen (Author) (14.285%) - Yang, Jian (Author) (14.285%) - Kúkelová, Zuzana (Author) (14.285%): **Three-view Focal Length Recovery From Homographies**. – text. – [reviewed]. – DOI 10.1109/CVPR52734.2025.01074. – SCO ; WOS CC ; CPCI-S.
In: *2025 IEEE/CVF Conference on Computer Vision and Pattern Recognition - CVPR 2025* [printed document] [electronic document] : Proceedings / [bez zostavovateľa] [Compiler]. – 1. vyd. – Los Alamitos (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN (online) 979-8-3315-4364-8. – ISSN 1063-6919. – ISSN (online) 2575-7075, s. 11505-11514 [printed form] [online]
Computer Vision and Pattern Recognition [Nashville, United States, 10.06.2025-17.06.2025]
Number of all authors: 7
[contribution from event]
Lit.: 44
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_055 / Dmytrenko, Viktoriya (Author) (30%) - Zhytlukhina, Olena S. (Author) [UKOMFCENAM] (35%) - Seidel, Paul (Author) (35%): **Differential shot noise and Fano factor in mesoscopic junctions with inhomogeneous superconductors**. – text. – [reviewed].
In: *5 International Conference Condensed Matter & Low Temperature Physics 2025* [electronic document] : Book of Abstracts / Hurova, D. E. [Compiler] ; Dolbin, Alexander V. [Compiler] ; Shevchenko, S. N. [Compiler]. – 1. vyd. – Charkov (Ukraine) : Nacionaľna akademija nauk Ukrajiny. Fizyko-techničnyj instytut nyzkych temperatur im. B.I. Verkina, 2025. – ISBN (online) 978-617-95455-9-7, s. 84-84 [online]
Condensed Matter & Low Temperature Physics, 5 [Charkov, Ukraine, 02.06.2025-06.06.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

V2_056 / Drobný, Jakub (Author) (50%) - Brejová, Bronislava (Author of correspondence) [UKOMFKI] (50%): **Local Enrichment of Genomic Annotations**. – text, tables, pictures (illustration). – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 313-325 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 17
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_057 / Dubnička, Stanislav (Author) (25%) - Dubničková, Anna Zuzana (Author) (25%) - Ivanov, Mikhail A. (Author) (25%) - Liptaj, Andrej (Author) (25%): **Decays of the Bs Meson**. – text, pictures (illustration). – [reviewed].
In: *Proceedings 28th Conference of Slovak Physicists* [printed document] / Džubinská, Andrea [Compiler] ; Reiffers, Marián [Compiler]. – 1. vyd. – Košice (Slovakia) : Slovenská fyzikálna spoločnosť, 2025. – ISBN 978-80-89855-27-8, s. 69-70 [printed form]
Konferencia slovenských fyzikov 2025, 28 [Prešov, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 4
[contribution from event]

Lit.: 7
[OV 091 Physics]
[ŠO 1160]

V2_058 / Dubničková, Anna Zuzana (Author) (33.334%) - Dubnička, Stanislav (Author) (33.333%) - Weisenpacher, Peter (Author) (33.333%): **New Estimation of sigma tot(e+e-→ D D) from the Scattering e-D→ e-D Data in the Space-Like Region**. – text, pictures (illustration). – [reviewed].
In: *Proceedings 28th Conference of Slovak Physicists* [printed document] / Džubinská, Andrea [Compiler] ; Reiffers, Marián [Compiler]. – 1. vyd. – Košice (Slovakia) : Slovenská fyzikálna spoločnosť, 2025. – ISBN 978-80-89855-27-8, s. 59-60 [printed form]
Konferencia slovenských fyzikov 2025, 28 [Prešov, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 3
[contribution from event]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

V2_059 / Ďurikovič, Roman (Author) [UKOMFKAI] (90%) - Kelemen, Ján (Author) (10%): **Monitoring the Validity, Functionality, and Security of Internet SSL Certificates**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1109/KIT67756.2025.11205459.
In: *2025 Communication and Information Technologies* [electronic document] : Conference Proceedings / Baráth, Július [Compiler] ; Dedera, Ľubomír [Compiler] ; Očkay, Miloš [Compiler] ; Javurek, Martin [Compiler]. – 1. vyd. – Denver (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN 979-8-3315-7338-6. – ISBN (online) 979-8-3315-7339-3, s. 42-49 [USB key]
Communication and Information Technologies 2025, 13 [Tatranské Zruby, Slovakia, 08.10.2025-10.10.2025]
Number of all authors: 2
[contribution from event]
Lit.: 23
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_060 / Farkaš, Igor (Author) [UKOMFKAI] (60%) - Vavrečka, Michal (Author) [UKOMFKAI] (40%): **Budú multimodálne veľké jazykové modely niekedy rozumieť svetu?**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 26-30 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 2
[contribution from event]
Lit.: 19
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_061 / Ferko, Andrej (Author) [UKOMFKAG] (20%) - Bátorová, Martina (Author) [UKOMFKAG] (40%) - Berger Haladová, Zuzana (Author) [UKOMFKAI] (40%): **Reasons to Rename Informed Authoring to Explainable Creativity**. – text. – [reviewed]. – DOI 10.21125/edulearn.2025.1593.
In: *EDULEARN25 conference proceedings* [electronic document] : 17th International conference on education and new learning technologies / Chova, Luis Goméz [Compiler] ; González Martínez, Chelo [Compiler] ; Lees, Joanna [Compiler]. – 1 vyd. – Valencia (Spain) : IATED, 2025. – (EDULEARN Proceedings, ISSN 2340-1117). – ISBN (online) 978-84-09-74218-9, s. 6474-6483 [online] [CD-ROM] [USB key]
EDULEARN25, 17 [Palma, Spain, 30.06.2025-02.07.2025]
Number of all authors: 3
[contribution from event]
Lit.: 34
[OV 010 Pedagogical science - OV 240 Mathematics and statistics - OV 160 Information sciences, automation and

telecommunications]
[ŠO 7605 - ŠO 1113 - ŠO 2508]

V2_062 / Folajtárová, Sára (Author) (33.334%) - Maták, Peter (Author) [UKOMFKTF] (33.333%) - Nedeľková, Katarína (Author) (33.333%): **Freeze-in of dark matter and quantum statistical effects**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 389 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

V2_063 / Frnda, David (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Priemyselné sneženie na Slovensku**. – text, photographs, maps, graphs, tables.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. –

ISBN (online) 978-80-8147-165-0, s. 1-9 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[contribution from event]
Lit.: 8
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]

V2_064 / Gajdušek, Boris (Author) (50%) - Turiničová, Veronika (Author) [Internal PhD student] [UKOMFCENAM] (50%): **Vplyv nehomogénneho elektrického pol'a generovaného nabitým hydroxyapatitom na visiacu kvapku**. – text, graphs, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 189-196 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 18
[OV 091 Physics]
[ŠO 1160]

V2_065 / Gál, Tomáš (Author) (100%): **Conversational AI** : crafting creative cognition. – text, tables. – OA.
In: *Knižničná a informačná veda* [printed document] [electronic document] : Informačná tvorivosť a umelá inteligencia / Steinerová, Jela [Compiler] ; Mazáčová, Pavlína [Reviewer] ; Paralič, Ján [Reviewer]. – 1. vyd. – Roč. 31. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-5891-0. – ISBN (online) 978-80-223-5892-7, s. 128-141 [printed form] [online]
Number of all authors: 1
[contribution]
Lit.: 15
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_066 / Garaiová, Zuzana (Author) [UKOMFKJFB] (35%) - Šubjaková, Veronika (Author) [UKOMFKJFB] (30%) - Macias, A. A. (Author) (10%) - Garaiová, Martina (Author) (10%) - Holič, R. (Author) (10%) - Hianik, Tibor (Author) [UKOMFKJFB] (5%): **Cholesteryl-anchor mediated non-covalent aptamer functionalization of β-Casein self-assemblies towards therapeutic potential**. – text.
In: *Book of Contributions* [electronic document] : 13th International Conference Structure & Stability of Biomacromolecules / Gažová, Zuzana [Compiler] ; Antošová, A. [Compiler] ; Kubacková, Jana [Compiler] ; Fabriciová, Gabriela [Reviewer] ; Varhač, Rastislav [Reviewer]. – 1. vyd. – Košice (Slovakia) : Slovenská akadémia

vied. Pracoviská SAV. Ústav experimentálnej fyziky, 2025. – ISBN (online) 978-80-89656-27-1, s. 74-75 [online]
International Conference Structure & Stability of Biomacromolecules 2025, 13 [Košice, Slovakia, 09.09.2025-12.09.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

V2_067 / Garaiová, Zuzana (Author) [UKOMFKJFB] (60%) - Šubjaková, Veronika (Author) [UKOMFKJFB] (30%) - Hianik, Tibor (Author of correspondence) [UKOMFKJFB] (10%): **Nanostructures in Biophysics: Exploring Structure, Function and Therapeutic Potential**. – text, pictures (illustration).
In: *Proceedings 28th Conference of Slovak Physicists* [printed document] / Džubinská, Andrea [Compiler] ; Reiffers, Marián [Compiler]. – [reviewed]. – 1. vyd. – Košice (Slovakia) : Slovenská fyzikálna spoločnosť, 2025. – ISBN 978-80-89855-27-8, s. [printed form]
Konferencia slovenských fyzikov 2025, 28 [Prešov, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 3
[contribution from event]
Lit.: 36
[OV 091 Physics]
[ŠO 1160]

V2_068 / Garcia Angulo, Enmily Loelbis (Author) [Internal PhD student] [UKOMFKEF] (14.29%) - Stachová, Barbora (Author) (14.285%) - Tanska, Natalia (Author) (14.285%) - Bregula, Wojciech (Author) (14.285%) - Moravčík, Marek (Author) (14.285%) - Krčma, František (Author) (14.285%) - Matejčík, Štefan (Author) [UKOMFKEF] (14.285%): **Electron Induced Dissociative Excitation of Formamide**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Bože, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 174-174 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 7
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

V2_069 / Glevitzká, Štefánia (Author) [Internal PhD student] [UKOMFKAG] (50%) - Jajcay, Robert (Author) [UKOMFKAG] (50%): **Cubic girth-regular graphs of girth 6**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov /

Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 331-331 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 2
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_070 / Gonšenica, Adam (Author) [Internal PhD student] [UKOMAKFE] (40%) - Mihálik, Andrej (Author) [UKOMFKAI] (40%) - Ďurikovič, Roman (Author) [UKOMFKAI] (20%): **Queues detection and skiers distribution in the ski resorts**. – text, graphs. – [reviewed]. – DOI 10.1007/978-3-031-87386-7_2. – SCO.
In: *Modelling and Development of Intelligent Systems* [printed document] [electronic document] : 9th International Conference, MDIS 2024, Sibiu, Romania, October 17–19, 2024, Revised Selected Papers / Simian, Dana [Compiler] ; Stoica, Laura Florentina [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature. Springer, 2025. – (Communications in Computer and Information Science, ISSN 1865-0929, ISSN 1865-0937 ; 2486). – ISBN 978-3-031-87385-0. – ISBN (online) 978-3-031-87386-7, s. 18-32 [printed form] [online]
Modelling and Development of Intelligent Systems, 9 [Sibiu, Romania, 17.10.2024-19.10.2024]
Number of all authors: 3
[contribution from event]
Lit.: 9
[OV 160 Information sciences, automation and telecommunications - OV 080 Economics and management]
[ŠO 2508 - ŠO 6213]
Indicator:
Nordic List: 1 - 2025
SNIP: 0,242 - 2024
SJR: 0,182 - 2024
CiteScore: 1,1 - 2024
Quartile Q:
2024, Scimago - Computer science (miscellaneous) - ; **2024, Scimago** - Mathematics (miscellaneous) -

V2_071 / Chu, Yingjie (Author of correspondence) (8.337%) - Gössling, Claus (Author) (8.333%) - Hodák, Rastislav (Author) (8.333%) - Kröninger, Kevin (Author) (8.333%) - Macko, Miroslav (Author) (8.333%) - Petro, Maroš (Author) [External PhD student] [UKOMFKJFB] (8.333%) - Rukhadze, Ekaterina N. (Author) (8.333%) - Štekl, Ivan (Author) (8.333%) - Temminghoff, Robert (Author) (8.333%) - Volkmer, Juliane (Author) (8.333%) - Zatschler, Stefan (Author) (8.333%) - Zuber, Kai (Author) (8.333%): **Recent results of the COBRA experiment**. – text, graphs, tables. – [reviewed]. – DOI 10.1063/5.0235663. – SCO ; WOS CC ; CPCI-S.
In: *Workshop on the Calculation of Double-Beta-Decay Matrix Elements (MEDEX'22)* [printed document] [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – č. 1. – Melville (United States) : American Institute of Physics. AIP Publishing, 2025. – (AIP conference proceedings, ISSN 0094-243X, ISSN 1551-7616 ; 3143), s. 1-4 [printed form] [online]

Matrix Elements for the Double beta decay Experiments 2022 [Praha, Czech Republic, 13.06.2022-17.06.2022]
Number of all authors: 12
[contribution from event]
Lit.: 23
[OV 091 Physics]
[ŠO 1160]
Indicator:
SNIP: 0,204 - 2024
SJR: 0,153 - 2024
CiteScore: 0,5 - 2024

V2_072 / Gottweis, Ján (Author) (50%) - Rajník, Jozef (Author) [UKOMFKI] (50%): **Optimalizácia algoritmu pre testovanie kritickosti snarkov**. – text, tables.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 325-330 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 9
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_073 / Roch, Tomáš (Author of correspondence) [UKOMFCENAM] (10%) - Grančič, Branislav (Author) [UKOMFCENAM] (8%) - Viskupová, Katarína (Author) (10%) - Šroba, Viktor (Author) (10%) - Švec, Peter (Author) (8%) - Fiantok, Tomáš (Author) [UKOMFCENAM] (10%) - Vidiš, Marek (Author) [UKOMFCENAM] (10%) - Truchlý, Martin (Author) [UKOMFCENAM] (8%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (8%) - Kúš, Peter (Author) [UKOMFCENAM] (8%) - Mikula, Marián (Author) [UKOMFCENAM] (10%): **Improvement of thermal and mechanical properties of selected hard coatings based on transition metal borides**. – text. – [reviewed].
In: *SURFINT - SREN IX* [printed document] : Extended Abstract Book of the 9th Conference Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News. Smolenice, Slovak Republic. November 18-20, 2025 / Bačová, Silvia [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-6152-1, s. 88-91
Progress in Applied Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News, 9 [Smolenice, Slovakia, 18.11.2025-20.11.2025]
Number of all authors: 11
[abstract from event - PP]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

V2_074 / Gregor, Radovan (Author) [External PhD student] [UKOMFKAI] (33.334%) - Farkaš, Igor (Author) [UKOMFKAI] (33.333%) - Malinovská, Kristína (Author) [UKOMFKAI] (33.333%): **Prediction of Observed Motor Trajectories in a Simulated Environment**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 33-34 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 3
[contribution from event]
Lit.: 5
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_075 / Gregorio-Ruiz, Carlos (Author) (34%) - Gruska, Damas (Author) [UKOMFKAI] (33%) - Ruiz, M. C. (Author) (33%): **Leveraging Digital Tools in Computer Science Education: A Case Study**. – text. – [reviewed]. – DOI 10.21125/iceri.2025.2198.
In: *ICERI2025 Proceedings* [electronic document] : 18th Annual International Conference of Education, Research and Innovation / Chova, Luis Goméz [Compiler] ; Martínez, Chelo González [Compiler] ; Lees, Joanna [Compiler]. – 1. vyd. – Valencia (Spain) : IATED, 2025. – (ICERI Proceedings, ISSN 2340-1095). – ISBN (online) 978-84-09-78706-7, s. 7886-7894 [online]
ICERI 2025, 18 [Seville, Spain, 10.11.2025-12.11.2025]
Number of all authors: 3
[contribution from event]
Lit.: 30
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
Nordic List: 1 - 2024

V2_076 / Nedbálek, Branislav (Author of correspondence) [UKOMFKTVS] (90%) - Gregušová, Ľudmila (Author) (10%): **The influence of marketing factors on the attractiveness of sport**. – text. – [reviewed]. – DOI 10.1007/978-3-031-80935-4_2. – SCO.
In: *Developments in information and knowledge management systems for business applications* (volume 8) [printed document] [electronic document] / Štarchoň, Peter [Compiler] ; Fedushko, Solomiia [Compiler] ; Gubíniová, Katarína [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature, 2025. – (Studies in Systems, Decision and Control, ISSN 2198-4182, ISSN 2198-4190 ; 578). – ISBN 978-3-031-80934-7. – ISBN (online) 978-3-031-80935-4, s. 21-39 [printed form] [online]
Number of all authors: 2
[contribution]
Lit.: 7
[OV 210 Sports sciences - OV 080 Economics and management]
[ŠO 7418]
Indicator:
SNIP: 0 - 2024
SJR: 0,116 - 2024
CiteScore: 1,5 - 2024
Quartile Q:
2024, Scimago - Automotive engineering - ; **2024, Scimago** - Computer science (miscellaneous) - ; **2024, Scimago** - Control and optimization - ; **2024, Scimago** - Control and systems engineering - ; **2024, Scimago** - Decision sciences (miscellaneous) - ; **2024, Scimago** - Economics, econometrics and finance (miscellaneous) - ; **2024, Scimago** - Social sciences (miscellaneous) -

V2_077 / Grochal, Peter (Author) [Internal PhD student] [UKOMFKI] (50%) - Stanek, Martin (Author) [UKOMFKI] (50%): **Testing the limits of differential MITM attacks**. – text, tables.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer]

; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Bože, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 231-231 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 2
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_078 / Gruska, Damas (Author) [UKOMFKAI] (100%): **Adversarial Analysis and Supervisory Control of Sensor Networks**. – text. – [reviewed]. – DOI 10.1109/DSD67783.2025.00076.
In: *2025 28th Euromicro Conference on Digital System Design (DSD)* [electronic document] / Casini, Daniel [Compiler] ; Cazorla, Francisco J. [Compiler]. – 1. vyd. – Danvers (United States) : Institute of Electrical and Electronics Engineers, 2025. – (Proceedings of the Euromicro Conference on Digital System Design (DSD), ISSN 2771-2508). – ISBN (online) 979-8-3315-8499-3, s. 507-514 [online]
2025 Euromicro Conference on Digital System Design, 28 [Salerno, Italy, 10.09.2025-12.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 26
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_079 / Gruska, Damas (Author) [UKOMFKAI] (100%): **Attack Trees, Intruders and Defenders**. – text.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 14-16 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 10
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_080 / Guller, Dušan (Author) [UKOMFKAI] (100%): **On Multi-step Fuzzy Inference in Gödel Logic**. – text, tables. – [reviewed].
In: *ICSAI 2025* [electronic document] : Proceedings 2025 11th International Conference on Systems and Informatics / Li, Qingli [Compiler] ; Wang, Yan [Compiler] ; Wang, Lipo [Compiler]. – 1. vyd. – Piscataway (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN (online) 979-8-3315-4579-6, s. 1-13 [online] [USB key]

International Conference on Systems and Informatics 2025, 11 [Šanghaj, China, 13.12.2025-15.12.2025]
Number of all authors: 1
[contribution from event]
Lit.: 32
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_081 / Halaj, Martin (Author) [Internal PhD student] [UKOMFKAI] (50%) - Madaras, Martin (Author) (50%): **3D Human Avatar Generation with Dimensional Fidelity**. – text, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 363-363 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 3
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_082 / Haverlíková, Viera (Author) [UKOMFKDMFI] (60%) - Janiga, Ladislav (Author) (20%) - Kozánek Kiss, Tünde (Author) [UKOMFKDMFI] (10%) - Sobinovská, Lívia (Author) [Internal PhD student] [UKOMFKDMFI] (10%): **Teacher perspectives on game integration in physics: identified obstacles and proposed support mechanisms**. – text, tables. – [reviewed]. – DOI 10.1088/1742-6596/3155/1/012012. – OA ; SCO.
In: *DIDFYZ 2025 - Education reform and its reflection in physics education* [printed document] [electronic document] / Zelenický, Ľubomír [Compiler] ; Valovičová, Ľubomíra [Compiler] ; Trník, Anton [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 3155), s. 1-8 [printed form] [online]
Meeting of DIDFYZ 2025, 24 [Terchová, Slovakia, 17.09.2025-20.09.2025]
Number of all authors: 4
[contribution from event]
Lit.: 25
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_083 / Haverlíková, Viera (Author) [UKOMFKDMFI] (85%) - Velmovská, Klára (Author) [UKOMFKDMFI] (15%): **Awakening a sense of belonging to the professional community among pre-service physics teachers**. –

text. – [reviewed]. – DOI 10.1088/1742-6596/2950/1/012038. – SCO ; OA.
In: *GIREP-EPEC 2023 Conference* (1) [printed document] [electronic document] / Ješková, Zuzana [Compiler] ; Hanč, Jozef [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 2950). – ISSN 1742-6588. – ISSN (online) 1742-6596, s. 1-8 [printed form] [online]
GIREP-EPEC Conference 2023 [Košice, Slovakia, 03.07.2023-07.07.2023]
Number of all authors: 2
[contribution from event]
Lit.: 16
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_084 / Hlaváč, Vincent (Author) [Internal PhD student] [UKOMFKI] (50%) - Rovan, Branislav (Author) [UKOMFKI] (50%): **Power of Supplementary Information for Unary Regular Languages**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Bože, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 233-233 [online]
Študentská vedecká konferencia 2025 [Nitra, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_085 / Richnáková, Xénia (Author of correspondence) (33.334%) - Hodorová, Viktória (Author) [UKOPRCBI] (33.333%) - Hladůvka, Jiří (Author) [UKOMFKAI] (33.333%): **Brightfield Cell Segmentation Without Labels or Learning**. – text, tables, pictures (illustration). – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 292-301 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 3
[contribution from event]
Lit.: 9
[OV 160 Information sciences, automation and telecommunications - OV 120 Chemistry, chemical technology and

biotechnology]
[ŠO 2508 - ŠO 1420]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_086 / Homola, Martin (Author) [UKOMFKAI] (25%) - Švec, Peter (Author) [Part-time] [035000] (25%) - Kľuka, Ján (Author) [UKOMFKAI] (25%) - Balogh, Štefan (Author) [035000] (25%): **Preliminary User Study on Concept Expressions for Characterizing Malware**. – text, graphs.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 44-46 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 11
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_087 / Adams, Zekeri (Author of correspondence) [Internal PhD student] [UKOMFKAI] (60%) - Homola, Martin (Author) [UKOMFKAI] (15%) - Kľuka, Ján (Author) [UKOMFKAI] (15%) - Svátek, Vojtěch (Author) (10%): **Leveraging Meta-Modelling Language for Ontology Structuring and Validation**. – text, pictures (illustration). – [reviewed]. – SCO.
In: *Posters and Demos, Workshops, and Tutorials of EKAW 2024* [electronic document] / Badenes-Olmedo, Carlos [Compiler] ; Novalija, Inna [Compiler] ; Daga, Enrico [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 3967). – ISSN (online) 1613-0073, s. [1-6] [online]
Knowledge Engineering and Knowledge Management, 24 [Amsterdam, Netherlands, 26.11.2024-26.11.2024]
Number of all authors: 4
[contribution from event]
Lit.: 12
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_088 / Homola, Tomáš (Author) [046290] (20%) - Dzik, Petr (Author) (10%) - Zažímal, František (Author) (10%) - Kelar, Jakub (Author) (10%) - Kelar Tučeková, Zlata (Author) (10%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (10%) - Černák, Mirko (Author) (10%) - Kováčik, Dušan (Author) (20%): **Revolutionizing Material Printing: Cold Plasma-Enabled R2R Manufacturing of Optoelectronic and Photocatalytic Coatings**. – text.
In: *Wood, pulp & paper 2025 Polygrafia academica 2025* [electronic document] : zborník recenzovaných vedeckých konferencií / Dvonka, Vladimír [Compiler] ; Gál, Lukáš [Compiler] ; Reháková, Milena [Reviewer] ; Karpinský, Ľudovít [Reviewer] ; Syrový, Tomáš [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská technická univerzita v Bratislave. Fakulta chemickej a potravinárskej technológie. Slovenská chemická knižnica, 2025. – ISBN (online) 978-80-8208-154-4, s. 16-18 [online]
Wood, pulp and paper 2025 a Polygrafia academica 2025 [Bratislava, Slovakia, 19.03.2025-20.03.2025]
Number of all authors: 8
[contribution from event]
Lit.: 2
[OV 170 Engineering and technology - OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 2820 - ŠO 1160]

V2_089 / Hrebynakha, V. (Author) (10%) - Shvets, Uliana (Author) (10%) - Pak, V. Ya (Author) (5%) - Shpetnyi, Ihor O. (Author) [UKOMFCENAM] (35%) - Shkurdoda, Y. O. (Author) (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Lyfar, Serhij (Author) (5%) - Kulyk, T. (Author) (5%) - Ruban, A. I. (Author) (5%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (10%): **Thermal Stability of Magnetoresistive Properties in Alloy Thin Films Based on Permalloy and Copper**. – text, pictures (illustration). – [reviewed]. – DOI

10.1109/NAP68437.2025.11216226. – SCO.
In: *Proceedings of the 2025 IEEE 15th International Conference Nanomaterials Applications and Properties (IEEE NAP 2025)* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – [Piscataway] (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN (online) 979-8-3315-8799-4, NMP091-NMP094 [online]
International Conference "Nanomaterials: Applications & Properties" 2025, 15 [Bratislava, Slovakia, 07.09.2025-12.09.2025]
Number of all authors: 10
[contribution from event]
Lit.: 17
[OV 091 Physics]
[ŠO 1160]

V2_090 / Hrmo, Matej (Author) [Internal PhD student] [UKOMFKTF] (25%) - Kováčik, Samuel (Author) [UKOMFKTF] (25%) - Rusnák, Patrik (Author) [Internal PhD student] [UKOMFKTF] (25%) - Tekel, Juraj (Author) [UKOMFKTF] (25%): **Coulomb Problem in a spherical cavity in a Fuzzy Onion Matrix Model**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 390-390 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

V2_091 / Hruška, Martin (Author) [UMBFP06] (50%) - Plesch, Martin (Author) [UMBFP06] (50%): **The use of a simple digital weather station (not only) in teaching physics**. – text. – [reviewed]. – DOI 10.1088/1742-6596/3155/1/012015. – SCO.
In: *DIDFYZ 2025 - Education reform and its reflection in physics education* [printed document] [electronic document] / Zelenický, Ľubomír [Compiler] ; Valovičová, Ľubomíra [Compiler] ; Trník, Anton [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 3155), s. 1-8 [printed form] [online]
Meeting of DIDFYZ 2025, 24 [Terchová, Slovakia, 17.09.2025-20.09.2025]
Number of all authors: 2
[contribution from event]
[OV 091 Physics - OV 010 Pedagogical science]
[ŠO 1160 - ŠO 7605]
Indicator:
SNIP: 0,31 - 2024

SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_092 / Chalmovianský, Pavel (Author) [UKOMFKAG] (100%): **Group of isometries of hyperbolic plane**. – text, pictures (illustration). – [reviewed].
In: *Slovak-Czech Conference on Geometry and Graphics 2025* [electronic document] / Szarková, Dagmar [Compiler] ; Velichová, Daniela [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská technická univerzita v Bratislave. Fakulta chemickej a potravinárskej technológie. Slovenská chemická knižnica, 2025. – ISBN (online) 978-80-8208-170-4, s. 81-87 [online]
Slovak-Czech Conference on Geometry and Graphics 2025, 11 [Bratislava, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 5
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_093 / Chernenko, Diana (Author) (33.334%) - Čermák, Peter (Author) [UKOMFKEF] (33.333%) - Pastierovič, Filip (Author) [Internal PhD student] [UKOMFKEF] (33.333%): **Určovanie tlaku nasýtených pár metánu pri nízkych teplotách**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 172-173 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

V2_094 / Enevoldsen, Kenneth (Author of correspondence) (1.23%) - Chung, Isaac (Author) (1.162%) - Kerboua, Imene (Author) (1.162%) - Kardos, Márton (Author) (1.162%) - Mathur, Ashwin (Author) (1.162%) - Šuppa, Marek (Author) [External PhD student] [UKOMFKAI] (1.162%): **MMTEB: Massive Multilingual Text Embedding Benchmark**. – text, tables, pictures (illustration). – [reviewed]. – SCO.
In: *13th International Conference on Learning Representations (ICLR 2025)* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – [s.l.] (Virtual) : International Conference on Learning Representations ; New York (United States) : Curran Associates, 2025. – ISBN (online) 9798331320850, s. [1-57] [USB key]
International Conference on Learning Representations, 13 [Singapur, Singapore, 24.04.2025-28.04.2025]
Number of all authors: 86
[contribution from event]
Lit.: 245

[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_095 / Issa, Noufal (Author) [Internal PhD student] [UKOMFKAI] (33.334%) - Gruska, Damas (Author) [UKOMFKAI] (33.333%) - Ali, Loubna (Author) (33.333%): **A Hybrid GAM-based Model for Predicting Vulnerability Exploitation**. – text.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 18-20 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 7
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_096 / Iyer, Laxmi R. (Author) [UKOMFKAI] (40%) - Gajdošech, Lukáš (Author) [Internal PhD student] [UKOMFKAI] (30%) - Zigo, Branislav (Author) [Internal PhD student] [UKOMFKAI] (30%): **Towards Spatial Memory of a Humanoid Robot**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 35-36 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 3
[contribution from event]
Lit.: 5
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_097 / Janák, Filip (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Analyzing the HI content of galaxies with machine learning**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 42-42 [online]

Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 3
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

V2_098 / Jančich, Roman (Author) (50%) - Makovník, Marcel (Author) [UKOMFKAG] (50%): **Hybrid mesh denoising**. – text, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 361-361 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_099 / Janiga, Ladislav (Author) [Internal PhD student] [UKOMFKDMFI] (65%) - Haverlíková, Viera (Author) [UKOMFKDMFI] (35%): **PhysLab Break - escape games for physics education**. – text. – [reviewed]. – DOI 10.1088/1742-6596/2950/1/012031. – SCO ; OA.
In: *GIREP-EPEC 2023 Conference* (1) [printed document] [electronic document] / Ješková, Zuzana [Compiler] ; Hanč, Jozef [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 2950). – ISSN 1742-6588. – ISSN (online) 1742-6596, s. 1-11 [printed form] [online]
GIREP-EPEC Conference 2023 [Košice, Slovakia, 03.07.2023-07.07.2023]
Number of all authors: 2
[contribution from event]
Lit.: 16
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_100 / Jánošková, Katarína (Author) [Internal PhD student] [UKOMFKDMFI] (100%): **The role of argumentation in lesson plans of preservice Mathematics and Informatics teachers**. – text. – [reviewed]. – DOI 10.21125/edulearn.2025.

In: *EDULEARN25 conference proceedings* [electronic document] : 17th International conference on education and new learning technologies / Chova, Luis Goméz [Compiler] ; González Martínez, Chelo [Compiler] ; Lees, Joanna [Compiler]. – 1 vyd. – Valencia (Spain) : IATED, 2025. – (EDULEARN Proceedings, ISSN 2340-1117). – ISBN (online) 978-84-09-74218-9, s. 5880-5883 [online] [CD-ROM] [USB key]
EDULEARN25, 17 [Palma, Spain, 30.06.2025-02.07.2025]
Number of all authors: 1
[contribution from event]
Lit.: 11
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508 - ŠO 1113]

V2_101 / Jašková, Ľudmila (Author) [UKOMFKDMFI] (80%) - Stankovičová, Mária (Author) [UKORECPS] (20%): **Výučba programovania pre nevidiacich žiakov od primárneho vzdelávania po maturitu** = Teaching programming blind students from primary education to graduation. – text, pictures (illustration). – OA.
In: *New perspectives in informatics education - international proceedings on teaching informatics* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Andrejková, Gabriela [Reviewer] ; Berki, Jan [Reviewer] ; Drábková, Jindra [Reviewer] ; Dudáš, Adam [Reviewer] ; Guniš, Ján [Reviewer] ; Horváthová, Dana [Reviewer] ; Iliaš, Miroslav [Reviewer] ; Jacková, Jana [Reviewer] ; Karabáš, Ján [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Pešat, Pavel [Reviewer] ; Siládi, Vladimir [Reviewer] ; Stoffová, Veronika [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Trajteľ, Ľudovít [Reviewer] ; Vaníček, Jiří [Reviewer] ; Vagač, Michal [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2249-8, s. 23-31 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[contribution from event]
Lit.: 30
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_102 / Jašková, Ľudmila (Author) [UKOMFKDMFI] (50%) - Babicová, Terézia (Author) (50%): **First experience with developing the programming skills of upper secondary students by programming music**. – text, pictures (illustration). – [reviewed]. – DOI 10.21125/iceri.2025.0681.
In: *ICERI2025 Proceedings* [electronic document] : 18th Annual International Conference of Education, Research and Innovation / Chova, Luis Goméz [Compiler] ; Martínez, Chelo González [Compiler] ; Lees, Joanna [Compiler]. – 1. vyd. – Valencia (Spain) : IATED, 2025. – (ICERI Proceedings, ISSN 2340-1095). – ISBN (online) 978-84-09-78706-7, s. 1878-1882 [online]
ICERI 2025, 18 [Seville, Spain, 10.11.2025-12.11.2025]
Number of all authors: 2
[contribution from event]
[OV 160 Information sciences, automation and telecommunications - OV 010 Pedagogical science]
[ŠO 7605 - ŠO 2508]
Indicator:
Nordic List: 1 - 2024

V2_103 / Jeleňová, Lenka (Author) [UKOPRJA] (35%) - Kordíková, Barbara (Author) [UKOPRJA] (35%) - Barnes, Aneta (Author) [UKOMFKJP] (12%) - Slováková, Tatiana (Author) [UKOPRJA] (18%) - Deáková, Veronika (Reviewer) - Chovancová, Katarína (Reviewer) : **Zefektívnenie prípravy na získanie certifikátov z cudzieho jazyka: Prípadová štúdia kurzov Unicert na Prírodovedeckej fakulte Univerzity Komenského** = Optimising language certification preparation: a case study of Unicert Courses at the Faculty of Natural Sciences of Comenius University. – text, graphs, pictures (illustration).
In: *Aplikované jazyky v univerzitnom kontexte XII* (12) [electronic document] : recenzovaný zborník vedeckých prác / Balážová, Žaneta [Compiler] ; Ľupták, Marek [Compiler] ; Veverková, Darina [Compiler] ; Danihelová, Zuzana [Compiler]. – 1. vyd. – Zvolen (Slovakia) : Technická univerzita vo Zvolene, 2025. – ISBN (online) 978-80-228-3496-4, s. 74-84 [CD-ROM] [online]
Number of all authors: 4
[contribution]
Lit.: 5
[OV 020 Humanities - OV 010 Pedagogical science]
[ŠO 7320 - ŠO 7605]

V2_104 / Kakos, Minas (Author) (20%) - Pavai, Maria (Author) (10%) - Zacharopoulos, Charalampos (Author) (10%) - Sontakke, Kiran Sudhakar (Author) [Internal PhD student] [UKOMFKJFB] (15%) - Bousiakou, Leda (Author) (5%) - Keresztes, Zsófia (Author) (5%) - Ivanov, Ilia N. (Author) (5%) - Hianik, Tibor (Author of correspondence) [UKOMFKJFB] (30%): **Application of the Reduced Graphene Oxide–Multiwalled Carbon Nanotubes Composite for Development of the Electrochemical Aptasensor for Oxytetracycline Detection**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.3390/engproc2025106016. – SCO.
In: *The 5th International Electronic Conference on Biosensors* [electronic document] / Marrazza, Giovanna [Compiler] ; Tombelli, Sara [Compiler]. – 1. vyd. – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute, 2025. – (Engineering Proceedings , ISSN 2673-4591 ; 106). – ISSN (online) 2673-4591, s. 1-9 [online]
International Electronic Conference on Biosensors 2025, 5 [[s.l.], Virtual, 26.05.2025-28.05.2025]
Number of all authors: 8
[contribution from event]
Lit.: 28
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1160]
Indicator:
SNIP: 0,256 - 2024
SJR: 0,205 - 2024
CiteScore: 1,2 - 2024
Quartile Q:
2024, Scimago - Biomedical engineering - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Industrial and manufacturing engineering - ; **2024, Scimago** - Mechanical engineering -

V2_105 / Čujdíková, Mária (Author of correspondence) [UKOMFKDMFI] (50%) - Kalaš, Ivan (Author) [UKOMFKDMFI] (50%): **The Role of Tables in Computational Thinking and Mathematical Thinking**. – text, pictures (illustration). – [reviewed]. – DOI 10.1007/978-3-031-88744-4_18. – SCO.
In: *Digitally Transformed Education: Are We There Yet?* [printed document] [electronic document] : 4th IFIP TC 3 Open Conference on Computers in Education : Revised Selected Papers / Leahy, Margaret [Compiler] ; Reffay, Christophe [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature. Springer, 2025. – (IFIP Advances in Information and Communication Technology, ISSN 1868-4238, ISSN 1868-422X ; 734). – ISBN 978-3-031-88743-7. – ISBN 978-3-031-88746-8. – ISBN (online) 978-3-031-88744-4, s. 189-201 [printed form] [online]
IFIP TC 3 Open Conference on Computers in Education 2024, 4 [Bournemouth, United Kingdom, 27.02.2024-01.03.2024]
Number of all authors: 2
[contribution from event]
Lit.: 29
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 2508 - ŠO 1113]

Quartile Q:
2023, Scimago - Computer networks and communications - ; **2023, Scimago** - Information systems - ; **2023, Scimago** - Information systems and management -

V2_106 / Karabáš, Ján (Author) [035000] (25%) - Mačajová, Edita (Author of correspondence) [UKOMFKI] (25%) - Nedela, Roman (Author) (25%) - Škoviera, Martin (Author) [UKOMFKI] (25%): **Short cycle covers and the colouring defect of a cubic graph**. – text. – [reviewed]. – DOI 10.1016/j.procs.2025.10.293. – SCO ; OA.
In: *13 Latin American Algorithms, Graphs, and Optimization Symposium (LAGOS 2025)* [electronic document] / Grippo, Luciano N. [Compiler] ; Safe, Martín D. [Compiler]. – 1. vyd. – Amsterdam (Netherlands) : Elsevier, 2025. – (Procedia computer science, ISSN 1877-0509 ; 273). – ISSN (online) 1877-0509, s. 156-162 [online]
Latin American Algorithms, Graphs, and Optimization Symposium, 13 [Buenos Aires, Argentina, 10.11.2025-14.11.2025]
Number of all authors: 4
[contribution from event]
Lit.: 15
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,899 - 2024
SJR: 0,471 - 2024

CiteScore: 4,1 - 2024

V2_107 / Karetka, Gregor (Author) (20%) - Skottis, Demetris (Author) (20%) - Dutková, Lucia (Author) (20%) - Hraška, Peter (Author) (20%) - Šuppa, Marek (Author) [External PhD student] [UKOMFKAI] (20%): **RAGthoven: A Configurable Toolkit for RAG-enabled LLM Experimentation**. – text, tables, pictures (illustration). – [reviewed].
In: *The 31st International Conference on Computational Linguistics* [electronic document] : Proceedings of the System Demonstrations / Rambow, Owen [Compiler] ; Wanner, Leo [Compiler] ; Apidianaki, Marianna [Compiler] ; Al-Khalifa, Hend [Compiler] ; Di Eugenio, Barbara [Compiler] ; Schockaert, Steven [Compiler] ; Mather, Brodie [Compiler] ; Dras, Mark [Compiler]. – 1. vyd. – Stroudsburg (United States) : Association for Computational Linguistics, 2025. – ISBN (online) 979-8-89176-198-8, s. 117-125 [online]
Computational Linguistics, 31 [Abu Dhabi, United Arab Emirates, 19.01.2025-24.01.2025]
Number of all authors: 5
[contribution from event]
Lit.: 27
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_108 / Karikó-Tóth, Anna (Author) (90%) - Farkaš, Igor (Author) [UKOMFKAI] (10%): **Adaptation of the Cognitive and Affective Trust in Human–Robot Interaction Questionnaire to Slovak**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 31-32 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 2
[contribution from event]
Lit.: 10
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_109 / Kecerová, Adriana (Author) (33.334%) - Ďurina, Pavol (Author) [UKOMFCENAM] (33.333%) - Roch, Tomáš (Author) [UKOMFCENAM] (33.333%): **Analýza možností využitia rezistu SU-8 na prípravu mikroštruktúr pomocou procesu pyrolýzy**. – text, graphs, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 198-198 [online]

Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

V2_110 / Kloc, Jakub (Author) (50%) - Boborová, Janka (Author) [Internal PhD student] [UKOMFKAI] (50%): **Extending the MHS-MXP abduction solver with new algorithms**. – text, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 200-209 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 25
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_111 / Kloc, Jakub (Author) (30%) - Boborová, Janka (Author) [Internal PhD student] [UKOMFKAI] (30%) - Homola, Martin (Author) [UKOMFKAI] (25%) - Pukancová, Júlia (Author) [UKOMFKAI] (15%): **CATS Solver: The Rise of Hybrid Abduction Algorithms**. – text, graphs, tables.
In: *Description Logics 2025* [electronic document] : Proceedings of the 38th International Workshop on Description Logics / Tendera, Lidia [Compiler] ; Ibanez Garcia, Yazmin [Compiler] ; Koopmann, Patrick [Compiler] ; Gortworst, Bente [Reviewer] ; Theseider Dupre, Daniele [Reviewer]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4091), s. 1-13 [online]
Description Logics 2025, 38 [Opole, Poland, 03.09.2025-06.09.2025]
Number of all authors: 4
[contribution from event]
Lit.: 42
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_112 / Adams, Zekeri (Author of correspondence) [Internal PhD student] [UKOMFKAI] (60%) - Kľuka, Ján (Author) [UKOMFKAI] (20%) - Homola, Martin (Author) [UKOMFKAI] (20%): **Can Full Set-Theoretical Subsumption Semantics in Metamodelled Description Logics be Captured within Decidable FOL**

Fragments?. – text, tables.
In: *Description Logics 2025* [electronic document] : Proceedings of the 38th International Workshop on Description Logics / Tendera, Lidia [Compiler] ; Ibanez Garcia, Yazmin [Compiler] ; Koopmann, Patrick [Compiler] ; Gortworst, Bente [Reviewer] ; Theseider Dupre, Daniele [Reviewer]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4091), s. 1-13 [online]
Description Logics 2025, 38 [Opole, Poland, 03.09.2025-06.09.2025]
Number of all authors: 3
[contribution from event]
Lit.: 24
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_113 / Kluková, Adriana (Author) (40%) - Čechová, Katarína (Author) [UKOMFKJFB] (20%) - Šutý, Šimon (Author) [UKOMFKJFB] (40%): **Spektrálna charakterizácia amfifilných fosforových dendritických nanočastíc pomocou UV-Vis spektroskopie a excitačno-emisných matíc**. – text. – [reviewed].
In: *Interaktívna Konferencia Mladých Vedcov 2025* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Občianske združenie Preveda, 2025. – ISBN (online) 978-80-99936-86-8, s. [1-1] [online]
Interaktívna Konferencia Mladých Vedcov 2025, 17 [Bratislava, Slovakia, 22.05.2025-30.06.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

V2_114 / Kolodzejová, Aneta (Author) [Internal PhD student] [UKOMFKDMFI] (100%): **Využitie aktivít so športovou tematikou v rámci kontextuálneho prístupu k vyučovaniu fyziky na stredných školách**. – text, graphs, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 96-104 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[contribution from event]
Lit.: 18
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 1160 - ŠO 7605]

V2_115 / Kostičová, Jana (Author) (100%): **LR Parsing of Permutation Phrases**. – text, graphs, pictures (illustration). – [reviewed]. – OA ; SCO.
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 191-204 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 11
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_116 / Kovár, Samuel Peter (Author) (50%) - Papp, Peter (Author) [UKOMFKEF] (50%): **Modelovanie ionizačných procesov vybraných halogénanizolov v plazme**. – text, graphs, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 145-152 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 27
[OV 091 Physics]
[ŠO 1160]

V2_117 / Kozánek Kiss, Tünde (Author) [UKOMFKDMFI] (70%) - Velmovská, Klára (Author) [UKOMFKDMFI] (30%): **The influence of teacher's experience on students' argumentation**. – text. – [reviewed]. – DOI 10.1088/1742-6596/2950/1/012047. – SCO ; OA.
In: *GIREP-EPEC 2023 Conference* (1) [printed document] [electronic document] / Ješková, Zuzana [Compiler] ; Hanč, Jozef [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 2950). – ISSN 1742-6588. – ISSN (online) 1742-6596, s. 1-9 [printed form] [online]
GIREP-EPEC Conference 2023 [Košice, Slovakia, 03.07.2023-07.07.2023]
Number of all authors: 2

[contribution from event]
Lit.: 24
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_118 / Krcho, Jakub (Author) [Internal PhD student] [UKOMFKDMFI] (60%) - Miková, Karolína (Author) [UKOMFKDMFI] (40%): **Vyšliapané chodníčky hodnotenia: Dajú sa ešte zmeniť? Príbeh učiteľky s dlhoročnou praxou** = Established assessment practices: Can they still be changed? The story of an experienced teacher. – text.
In: *DidInfo 2025* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Berki, Jan [Reviewer] ; Borkovcová, Monika [Reviewer] ; Dudáš, Adam [Reviewer] ; Filipi, Zbyněk [Reviewer] ; Guniš, Ján [Reviewer] ; Hamada, Adrián [Reviewer] ; Huraj, Ladislav [Reviewer] ; Jacková, Jana [Reviewer] ; Kubík, Rudolf [Reviewer] ; Lessner, Daniel [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Ivecký, Miroslav [Reviewer] ; Stoffová, Veronika [Reviewer] ; Šaloun, Petr [Reviewer] ; Šimandl, Václav [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Vaníček, Jiří [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2230-6, s. 73-80 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 19
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_119 / Krcho, Jakub (Author) [Internal PhD student] [UKOMFKDMFI] (100%): **Vzájomné hodnotenie pomocou rubrík ako spôsob hodnotenia žiakov pri práci s edukačnou robotikou**. – text, tables.
In: *Juvenilia Paedagogica 2025* [electronic document] : aktuálne teoretické a výskumné otázky pedagogiky v konceptoch dizertačných prác doktorandov : zborník príspevkov z konferencie s medzinárodnou účasťou konanej dňa 07. 02. 2025 pod záštitou dekanky Pedagogickej fakulty TU v Trnave / Rajský, Andrej [Compiler] ; Lechta, Viktor [Reviewer] ; Mačkinová, Monika [Reviewer] ; Jirásek, Ivo [Reviewer] ; Bosáková, Kristína [Reviewer]. – 1. vyd. – Trnava (Slovakia) : Trnavská univerzita v Trnave. Pedagogická fakulta. Katedra pedagogických štúdií, 2025. – ISBN 978-80-568-0732-3, s. 129-138 [online]
Juvenilia paedagogica 2025, 15 [Trnava, Slovakia, 07.02.2025]
Number of all authors: 1
[contribution from event]
Lit.: 19
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 2508 - ŠO 7605]

V2_120 / Krupková, Katarína (Author) (50%) - Kubincová, Zuzana (Author) [UKOMFKDMFI] (50%): **Modul pre kolaboratívnu tvorbu kvízových otázok** = Module for Collaborative Creation of Quiz Questions. – text, pictures (illustration).
In: *New perspectives in informatics education - international proceedings on teaching informatics* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Andrejková, Gabriela [Reviewer] ; Berki, Jan [Reviewer] ; Drábková, Jindra [Reviewer] ; Dudáš, Adam [Reviewer] ; Guniš, Ján [Reviewer] ; Horváthová, Dana [Reviewer] ; Iliaš, Miroslav [Reviewer] ; Jacková, Jana [Reviewer] ; Karabáš, Ján [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Pešat, Pavel [Reviewer] ; Siládi, Vladimir [Reviewer] ; Stoffová, Veronika [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Trajteľ, Ľudovít [Reviewer] ; Vaníček, Jiří [Reviewer] ; Vagač, Michal [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2249-8, s. 32-40 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[contribution from event]
Lit.: 21

[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_121 / Homola, Martin (Author of correspondence) [UKOMFKAI] (20%) - Kubincová, Zuzana (Author) [UKOMFKDMFI] (20%) - Kľuka, Ján (Author) [UKOMFKAI] (20%) - Bieliková, Silvia (Author) (20%) - Urbánek, Rastislav (Author) (20%): **Ontology-Driven Learning-Progress Tracking Tool in an Adaptive Virtual Learning Environment**. – text, pictures (illustration). – [reviewed]. – DOI 10.1007/978-981-96-4407-0_2. – SCO.
In: *Learning Technologies and Systems* [printed document] [electronic document] : 23rd International Conference on Web-Based Learning, ICWL 2024 and 9th International Symposium on Emerging Technologies for Education, SETE 2024 Shanghai, China, November 26–28, 2024 Revised Selected Papers / Hao, Tianyong [Compiler] ; Wu, Junjie Gavin [Compiler] ; Luo, Xiangfeng [Compiler] ; Sun, Yan [Compiler] ; Mu, Yuanyuan [Compiler] ; Ge, Shili [Compiler] ; Xie, Wenxiu [Compiler]. – 1. vyd. – Singapur (Singapore) : Springer Nature. Springer, 2025. – (Lecture Notes in Computer Science, ISSN 0302-9743, ISSN 1611-3349 ; 15589). – ISBN 978-981-96-4406-3. – ISBN (online) 978-981-96-4407-0, s. 17-31 [printed form] [online]
International Conference on Web-Based Learning 2024, 23 [Šanghaj, China, 18.12.2024-20.12.2024]
Number of all authors: 5
[contribution from event]
Lit.: 35
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

Quartile Q:
2024, Scimago - Computer science (miscellaneous) - ; **2024, Scimago** - Theoretical computer science -

V2_122 / Kubincová, Zuzana (Author) [UKOMFKDMFI] (50%) - Miková, Karolína (Author) [UKOMFKDMFI] (50%): **Slovak Teachers' Experiences with Educational Robotics and the Development of Computational Thinking**. – text. – [reviewed]. – DOI 10.1109/ICETA67772.2025.11280290.
In: *ICETA 2025* [electronic document] : 23nd year of international conference on emerging elearning technologies and applications : proceedings : November 13 – 14, 2025 Grand Hotel Starý Smokovec, High Tatras, Slovakia / Fejedelem, Štefan [Compiler]. – 1. vyd. – Piscataway (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN 979-8-3315-7425-3. – ISBN 979-8-3315-7427-7. – ISBN (online) 979-8-3315-7426-0, s. 489-494 [online]
ICETA 2025, 23 [Starý Smokovec, Slovakia, 13.11.2025-14.11.2025]
Number of all authors: 2
[contribution from event]
Lit.: 22
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_123 / Kubincová, Zuzana (Author) [UKOMFKDMFI] (50%) - Šrámek, Marek (Author) (50%): **How to design an interdisciplinary project with educational robotics promoting the development of computational thinking**. – text, photographs, pictures (illustration). – [reviewed]. – DOI 10.21125/edulearn.2025.1525.
In: *EDULEARN25 conference proceedings* [electronic document] : 17th International conference on education and new learning technologies / Chova, Luis Goméz [Compiler] ; González Martínez, Chelo [Compiler] ; Lees, Joanna [Compiler]. – 1 vyd. – Valencia (Spain) : IATED, 2025. – (EDULEARN Proceedings, ISSN 2340-1117). – ISBN (online) 978-84-09-74218-9, s. 6207-6212 [online] [CD-ROM] [USB key]
EDULEARN25, 17 [Palma, Spain, 30.06.2025-02.07.2025]
Number of all authors: 2
[contribution from event]
Lit.: 16
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_124 / Kubincová, Zuzana (Author) [UKOMFKDMFI] (90%) - Šrámek, Marek (Author) (10%): **Návrh umelecko-robotického projektu podporujúceho rozvoj informatického myslenia**. – text.
In: *DidInfo 2025* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Berki, Jan [Reviewer] ; Borkovcová, Monika [Reviewer] ; Dudáš, Adam [Reviewer] ; Filipi, Zbyněk [Reviewer] ; Guniš, Ján [Reviewer] ; Hamada, Adrián [Reviewer] ; Huraj, Ladislav [Reviewer] ; Jacková, Jana [Reviewer] ; Kubík, Rudolf [Reviewer] ; Lessner, Daniel [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Ivecký,

Miroslav [Reviewer] ; Stoffová, Veronika [Reviewer] ; Šaloun, Petr [Reviewer] ; Šimandl, Václav [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Vaníček, Jiří [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2230-6, s. 81-87 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[contribution from event]
Lit.: 16
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_125 / Kubiš, Adam (Author) (50%) - Tekel, Juraj (Author) [UKOMFKTF] (50%): **Quantum mechanics on three-dimensional noncommutative space in the language of matrix models**. – text, graphs, tables.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 380-388 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

V2_126 / Kysel, Róbert (Author) [UKOMFKAFZM] (100%): **The Earthquake on October 9, 2023 in the Context of Historical Seismic Activity in Eastern Slovakia**. – text, pictures (illustration). – [reviewed].
In: *Proceedings 28th Conference of Slovak Physicists* [printed document] / Džubinská, Andrea [Compiler] ; Reiffers, Marián [Compiler]. – 1. vyd. – Košice (Slovakia) : Slovenská fyzikálna spoločnosť, 2025. – ISBN 978-80-89855-27-8, s. 51-52 [printed form]
Konferencia slovenských fyzikov 2025, 28 [Prešov, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 4
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

V2_127 / Kyselica, Daniel (Author) (33.334%) - Šuppa, Marek (Author) [External PhD student] [UKOMFKAI] (33.333%) - Ďurikovič, Roman (Author) [UKOMFKAI] (33.333%): **RoBo6: Standardized MMT Light Curve Dataset for Rocket Body Classification**. – text, tables.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov /

Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 360-360 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_128 / Lešták, Jakub (Author) (33.334%) - Tatarko, Marek (Author) [UKOMFKJFB] (33.333%) - Hianik, Tibor (Author) [UKOMFKJFB] (33.333%): **Štúdium mechanizmov interakcie bakteriálnych lipopolysacharidov s DNA aptamérmi a s antimikrobiálnym peptidom polymyxínom B pomocou metódy QCM-D**. – text, graphs, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 68-75 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 3
[contribution from event]
Lit.: 21
[OV 091 Physics - OV 130 Life sciences]

[ŠO 1160 - ŠO 1536]

V2_129 / Lúčny, Andrej (Author) (100%): **Ako uvidieť čokoľvek**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Bože, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 56-59 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 1
[contribution from event]
Lit.: 10
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_130 / Lukoťka, Robert (Author) [UKOMFKI] (50%) - Oguagbaka, Makuochukwu Felix (Author of correspondence) [Internal PhD student] [UKOMFKI] (50%): **Perfect versus imperfect matching covers of cubic graphs**. – text. – DOI 10.1016/j.procs.2025.10.300. – SCO ; OA.
In: *13 Latin American Algorithms, Graphs, and Optimization Symposium (LAGOS 2025)* [electronic document] / Grippo, Luciano N. [Compiler] ; Safe, Martín D. [Compiler]. – [reviewed]. – 1. vyd. – Amsterdam (Netherlands) : Elsevier, 2025. – (Procedia computer science, ISSN 1877-0509 ; 273). – ISSN (online) 1877-0509, s. 207-214 [online]
Latin American Algorithms, Graphs, and Optimization Symposium, 13 [Buenos Aires, Argentina, 10.11.2025-14.11.2025]
Number of all authors: 2
[contribution from event]
Lit.: 18
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,899 - 2024
SJR: 0,471 - 2024
CiteScore: 4,1 - 2024

V2_131 / Mačajová, Edita (Author) [UKOMFKI] (50%) - Škoviera, Martin (Author of correspondence) [UKOMFKI] (50%): **Are there any permutation snarks on 6 (mod 8) vertices?**. – text. – [reviewed]. – DOI 10.1016/j.procs.2025.10.294. – SCO ; OA.
In: *13 Latin American Algorithms, Graphs, and Optimization Symposium (LAGOS 2025)* [electronic document] / Grippo, Luciano N. [Compiler] ; Safe, Martín D. [Compiler]. – 1. vyd. – Amsterdam (Netherlands) : Elsevier, 2025. – (Procedia computer science, ISSN 1877-0509 ; 273). – ISSN (online) 1877-0509, s. 163-168 [online]
Latin American Algorithms, Graphs, and Optimization Symposium, 13 [Buenos Aires, Argentina, 10.11.2025-14.11.2025]
Number of all authors: 2
[contribution from event]
Lit.: 26
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,899 - 2024
SJR: 0,471 - 2024
CiteScore: 4,1 - 2024

V2_132 / Karabáš, Ján (Author of correspondence) [035000] (25%) - Mačajová, Edita (Author) [UKOMFKI] (25%) - Nedela, Roman (Author) (25%) - Škoviera, Martin (Author) [UKOMFKI] (25%): **Colouring defect of strong snarks**. – text. – [reviewed]. – DOI 10.1016/j.procs.2025.10.292. – SCO ; OA.
In: *13 Latin American Algorithms, Graphs, and Optimization Symposium (LAGOS 2025)* [electronic document] / Grippo, Luciano N. [Compiler] ; Safe, Martín D. [Compiler]. – 1. vyd. – Amsterdam (Netherlands) : Elsevier, 2025. – (Procedia computer science, ISSN 1877-0509 ; 273). – ISSN (online) 1877-0509, s. 149-155 [online]
Latin American Algorithms, Graphs, and Optimization Symposium, 13 [Buenos Aires, Argentina,

10.11.2025-14.11.2025]
Number of all authors: 4
[contribution from event]
Lit.: 17
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,899 - 2024
SJR: 0,471 - 2024
CiteScore: 4,1 - 2024

V2_133 / Madhusudhan, Arshitha (Author) [Internal PhD student] [UKOPRCAG] (55%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Roch, Tomáš (Author) [UKOMFCENAM] (5%) - Brigante, Marcello (Author) (15%) - Monfort, Olivier (Author) [UKOPRCAG] (20%): **Activation of persulfate by Fe2V4O13 for the degradation of sulfamethoxazole in water**. – text, graphs. – [reviewed].
In: *Študentská vedecká konferencia PriF UK 2025* [electronic document] : zborník recenzovaných príspevkov / Chovancová, Mária [Compiler] ; Sebechlebská, Táňa [Compiler] ; Kostoláni, Dominik [Compiler] ; Juračka, Dominik [Compiler] ; Šmida, Dominik [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6080-7, s. 838-841 [online]
Študentská vedecká konferencia PriF UK [Bratislava, Slovakia, 30.04.2025]
Number of all authors: 5
[contribution from event]
Lit.: 7
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1420 - ŠO 1160]

V2_134 / Majerčáková, Daniela (Author) [UKOMFKMANM] (50%) - Caban, Laura (Author) [Internal PhD student] [UKOMFKMANM] (50%): **Investovanie do udržateľnosti: Korelácia medzi ESG metrikami a finančnou výkonnosťou**. – text. – [reviewed].
In: *Zborník výskumných prác* [electronic document] : január 2025 / Šubin, Filip [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Výskumný ústav papiera a celulózy, 2025. – ISBN 978-80-973573-7-5, s. 106-116 [online]
Number of all authors: 2
[contribution]
Lit.: 55
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_135 / Makovník, Marcel (Author) [UKOMFKAG] (100%): **Note on refinement curve length**. – text, pictures (illustration). – [reviewed].
In: *Slovak-Czech Conference on Geometry and Graphics 2025* [electronic document] / Szarková, Dagmar [Compiler] ; Velichová, Daniela [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská technická univerzita v Bratislave. Fakulta chemickej a potravinárskej technológie. Slovenská chemická knižnica, 2025. – ISBN (online) 978-80-8208-170-4, s. 103-108 [online]
Slovak-Czech Conference on Geometry and Graphics 2025, 11 [Bratislava, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 5
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_136 / Makuch, Martin (Author) (50%) - Rovan, Branislav (Author) [UKOMFKI] (50%): **Equivalence Between Multi-Head Finite Automata and Parallel Communicating Finite Automata Systems**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ;

Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 234-234 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_137 / Malinovská, Kristína (Author) [UKOMFKAI] (50%) - Jakubove, Johanka (Author) (50%): **Homeostatic learning for classical artificial neural networks**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 66-69 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 14
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_138 / Masarovičová, Dominika (Author) [Internal PhD student] [UKOMFKJFB] (60%) - Hunáková, Ľuba (Author) [UKOLFIU] (10%) - Mikolášková, Iveta (Author) [Internal PhD student] [UKOLFIU] (10%) - Šikurová, Libuša (Author) [UKOMFKJFB] (10%) - Zvarík, Milan (Author) [UKOMFKJFB] (10%): **Stanovovanie metabolitov tryptofánu v moči a krvnej plazme pacientov s depresívnym a malígnym ochorením**. – text. – [reviewed].
In: *Interaktívna Konferencia Mladých Vedcov 2025* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Občianske združenie Preveda, 2025. – ISBN (online) 978-80-99936-86-8, s. [1-1] [online]
Interaktívna Konferencia Mladých Vedcov 2025, 17 [Bratislava, Slovakia, 22.05.2025-30.06.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 2
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5618]

V2_139 / Mašlejová, Dana (Author) [UKOMFKTVS] (100%) - Lörinczová, Drahomíra (Reviewer) - Potočný, Vojtech (Reviewer) : **Tvorba choreografie vo výučbe cvičenia na malých trampolínach na FMFI UK** = Creation of choreography in teaching exercise on small trampolines at FMFI UK Bratislava. – text, photographs.
In: *Vysokoškolská telesná výchova a šport, pohybová aktivita a zdravý životný štýl 2025* [electronic document] : recenzovaný zborník vedeckých prác / Vojtaško, Ľuboš [Compiler] ; Timkovič, Matej [Compiler] ; Hlaváčová, Jana [Compiler]. – 1. vyd. – Roč. 5. – Košice (Slovakia) : Technická univerzita v Košiciach, 2025. – ISBN (online)

978-80-553-4839-1, s. 169-174 [online]
Number of all authors: 1
[contribution]
Lit.: 5
[OV 210 Sports sciences]
[ŠO 7418]

V2_140 / Zaujec, Viktor (Author of correspondence) [Internal PhD student] [UKOMFKTF] (45%) - Maták, Peter (Author) [UKOMFKTF] (45%) - Blažek, Tomáš (Author) [UKOMFKTF] (10%): **Asymmetric dark matter semi-annihilation into long-lived particles**. – text, graphs. – [reviewed]. – DOI 10.22323/1.481.0020. – SCO ; OA.
In: *9th Symposium on Prospects in the Physics of Discrete Symmetries* [electronic document] : DISCRETE 2024 / [bez zostavovateľa] [Compiler]. – 1. vyd. – Terst (Italy) : Sissa Medialab, 2025. – (Proceedings of Science, ISSN 1824-8039 ; 481), s. 1-7 [online]
Symposium on Prospects in the Physics of Discrete Symmetries 2024, 9 [Ľubľana, Slovenia, 02.12.2024-06.12.2024]
Number of all authors: 3
[contribution from event]
Lit.: 21
[OV 091 Physics]
[ŠO 1160]
Indicator:
SNIP: 0,096 - 2024
SJR: 0,126 - 2024
CiteScore: 0,3 - 2024

V2_141 / Mäsiar, Patrik (Author) (50%) - Bátorová, Martina (Author) [UKOMFKAG] (50%): **Primitívne pytagorejské trojuholníky ako alternatívna forma opakovania vybraných tém na maturitnú skúšku z matematiky**. – text, graphs, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 118-128 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 11
[OV 240 Mathematics and statistics - OV 010 Pedagogical science]
[ŠO 1113 - ŠO 7605]

V2_142 / Megersa, Gadisa Deme (Author) [Internal PhD student] [UKOMFKEF] (25%) - Stachová, Barbora (Author) (25%) - Garcia Angulo, Enmily Loelbis (Author) [Internal PhD student] [UKOMFKEF] (25%) - Matejčík,

Štefan (Author) [UKOMFKEF] (25%): **Low energy electrons interaction with acetone (CH3)2CO in the UV-Vis spectral region**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 175-175 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

V2_143 / Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (33.334%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (33.333%) - Machala, Zdenko (Author) [UKOMFKAFZM] (33.333%): **Synergistic effect of cold atmospheric pressure plasma and ultraviolet (UVA) radiation on Gram-negative bacteria**. – text, graphs, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 177-177 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]

Number of all authors: 3
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

V2_144 / Pekárová, Pavla (Author of correspondence) (50%) - Miklánek, Pavol (Author) (20%) - Pekár, Ján (Author) (10%) - Leščešen, Igor (Author) (10%) - Bajtek, Zbyněk (Author) (10%): **Analýza vývoja hydrologického sucha na slovenskom úseku Dunaja** = Analysis of the development of hydrological drought in the Slovak section of the Danube. – text, graphs, tables, pictures (illustration).
In: *Hydrological response to changing natural conditions* [electronic document] : book of peer-reviewed papers / Pavelková, Dana [Compiler] ; Gomboš, Milan [Compiler] ; Tall, Andrej [Compiler] ; Halmová, Dana [Reviewer] ; Bačová Mitková, Veronika [Reviewer] ; Schügerl, Radoslav [Reviewer] ; Čubanová, Lea [Reviewer] ; Hlavčová, Kamila [Reviewer] ; Gnjato, Slobodan [Reviewer] ; Vranayová, Zuzana [Reviewer] ; Víchová, Bronislava [Reviewer] ; Hlaváčiková, Hana [Reviewer] ; Matušek, Ivan [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Ústav hydrológie, 2025. – ISBN (online) 978-80-89139-63-7, s. 9-18 [USB key]
Number of all authors: 5
[contribution]
Lit.: 8
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_145 / Mikloš, Marek (Author) (50%) - Guba, Peter (Author) [UKOMFKAMS] (50%): **Deformácia pórovitého média vplyvom toku**. – text, graphs, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 279-290 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 5
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_146 / Kubincová, Zuzana (Author of correspondence) [UKOMFKDMFI] (45%) - Miková, Karolína (Author) [UKOMFKDMFI] (45%) - Strečanská, Elena (Author) (10%): **Teaching Programming with Makey Makey in Lower Secondary School**. – text, photographs. – [reviewed]. – DOI 10.1007/978-3-032-02675-0_20. – SCO.
In: *Technology and innovation in learning, teaching and education* [printed document] [electronic document] :

Fourth International Conference, TECH-EDU 2024 : revised selected papers / Reis, Arsénio [Compiler] ; Cravino, José P. [Compiler] ; Hadjileontiadis, Leontios [Compiler] ; Martins, Paulo [Compiler] ; Dias, Sofia [Compiler] ; Hadjileontiadou, Sofia [Compiler] ; Mikropoulos, Tassos [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature. Springer, 2025. – (Communications in Computer and Information Science, ISSN 1865-0929, ISSN 1865-0937 ; 2479). – ISBN 978-3-032-02674-3. – ISBN (online) 978-3-032-02675-0, s. 256-268 [printed form] [online]
Technology and Innovation in Learning, Teaching and Education, 4 [Abu Dhabi, United Arab Emirates, 13.11.2024-15.11.2024]
Number of all authors: 3
[contribution from event]
Lit.: 30
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 2508 - ŠO 7605]
Indicator:
Nordic List: 1 - 2025
SNIP: 0,242 - 2024
SJR: 0,182 - 2024
CiteScore: 1,1 - 2024
Quartile Q:
2024, Scimago - Computer science (miscellaneous) - ; **2024, Scimago** - Mathematics (miscellaneous) -

V2_147 / Krcho, Jakub (Author of correspondence) [Internal PhD student] [UKOMFKDMFI] (60%) - Miková, Karolína (Author) [UKOMFKDMFI] (40%): **Reflecting on Changes of Assessment Methods in Educational Robotics** : A Case Study in Slovakia. – text, tables. – [reviewed]. – DOI 10.1007/978-3-031-98762-5_15. – SCO.
In: *Robotics in Education* [printed document] [electronic document] : Proceedings of the RiE 2025 Conference / Balogh, Richard [Compiler] ; Obdržálek, David [Compiler] ; Fachantidis, Nikolaos [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature, 2025. – (Lecture notes in networks and systems, ISSN 2367-3370, ISSN 2367-3389 ; 1544). – ISBN 978-3-031-98761-8. – ISBN (online) 978-3-031-98762-5, s. 165-175 [printed form] [online]
Robotics in Education 2025, 16 [Thessaloniki, Greece, 23.04.2025-25.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 22
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 2508 - ŠO 7605]
Indicator:
SNIP: 0,233 - 2024
SJR: 0,166 - 2024
CiteScore: 1 - 2024
Nordic List: 1 - 2024
Quartile Q:
2024, Scimago - Computer networks and communications - ; **2024, Scimago** - Control and systems engineering - ; **2024, Scimago** - Signal processing -

V2_148 / Kubincová, Zuzana (Author of correspondence) [UKOMFKDMFI] (90%) - Miková, Karolína (Author) [UKOMFKDMFI] (10%): **Personalization – Differences in Teachers' and Students' Views**. – text, graphs. – [reviewed]. – DOI 10.1007/978-3-031-85561-0_18. – SCO.
In: *Methodologies and Intelligent Systems for Technology Enhanced Learning, Workshops* [printed document] [electronic document] : 14th International Conference / Kubincová, Zuzana [Compiler] ; Duraes, Dalila [Compiler] ; Sánchez-Gómez, María Cruz [Compiler] ; Novais, Paulo [Compiler] ; Lancia, Loreto [Compiler] ; Pellegrino, Maria Angela [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature. Springer, 2025. – (Lecture notes in networks and systems, ISSN 2367-3370, ISSN 2367-3389 ; 1308). – ISBN 978-3-031-85560-3. – ISBN (online) 978-3-031-85561-0, s. 221-233 [printed form] [online]
Methodologies and Intelligent Systems for Technology Enhanced Learning 2024, 14 [Salamanca, Spain, 26.06.2024-28.06.2024]
Number of all authors: 2
[contribution from event]
Lit.: 18
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]
Indicator:
SNIP: 0,233 - 2024
SJR: 0,166 - 2024
CiteScore: 1 - 2024

Nordic List: 1 - 2024
Quartile Q:
2024, Scimago - Computer networks and communications - ; **2024, Scimago** - Control and systems engineering - ; **2024, Scimago** - Signal processing -

V2_149 / Mišútová, Tereza (Author) (33.334%) - Khalaf, Mohamed (Author) [Internal PhD student] [UKOMFKEF] (33.333%) - Ličková, Petra (Author) [UKOMFKEF] (33.333%): **Porovnanie efektu dvoch rôznych zdrojov nízkoteplotnej plazmy na semená sóje**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršśák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 176-176 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

V2_150 / Mitašíková, Petra (Author) [UKOPDLBP] (33.334%) - Vodičková, Barbora (Author) [UKOPDLBP] (33.333%) - Slavíčková, Mária (Author) [UKOMFKDMFI] (33.333%): **Vzdelávanie budúcich učiteľov matematiky** : inkluzívna komunikácia a jej význam = Educating future mathematics teachers: the importance of inclusive communication. – text.
In: *Pedagogica Actualis 16* [printed document] : wellbeing a inklúzia v edukácii = wellbeing and inclusion in education / Sirotová, Mariana [Compiler] ; Michvocíková, Veronika [Compiler] ; Jablonský, Tomáš [Reviewer] ; Rosůlek, Přemysl [Reviewer]. – 1. vyd. – Trnava (Slovakia) : Univerzita sv. Cyrila a Metoda v Trnave, 2025. – ISBN 978-80-572-0521-0, s. 280-296 [printed form]
Number of all authors: 3
[contribution]
Lit.: 21
[OV 010 Pedagogical science - OV 180 Medical, pharmaceutical and non-medical health sciences - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 7510 - ŠO 1113]

V2_151 / Mok, Matej (Author) [Internal PhD student] [UKOMFKAI] (50%) - Kocur, Viktor (Author) [UKOMFKAI] (50%): **Detecting 3D Line Segments for Pose Estimation**. – text, graphs, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ;

Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 353-359 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 19
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_152 / Mušinková, Petra (Author) (14.29%) - Janko, Dávid (Author) (14.285%) - Andelová, Natália (Author) (14.285%) - Farkašová, Veronika (Author) (14.285%) - Ravingerová, Táňa (Author) (14.285%) - Ferko, Miroslav (Author) (14.285%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (14.285%): **Analýza mitochondriálnych uncoupling proteínov** : Vplyv hypoxie na ROS signalizáciu. – text, graphs, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 62-67 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 7
[contribution from event]
Lit.: 19
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5141]

V2_153 / Mydla, Patrick (Author) [Internal PhD student] [UKOMFKJFB] (30%) - Šutý, Šimon (Author) [UKOMFKJFB] (25%) - Zvarík, Milan (Author) [UKOMFKJFB] (5%) - Bališ, Peter (Author) (5%) - Kvandová, Miroslava (Author) (5%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (30%): **Sex- and diet- dependent changes in RBC membrane lipid packing in a metabolic syndrome model**. – text. – [reviewed].
In: *Interaktívna Konferencia Mladých Vedcov 2025* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Občianske združenie Preveda, 2025. – ISBN (online) 978-80-99936-86-8, s. [1-1] [online]
Interaktívna Konferencia Mladých Vedcov 2025, 17 [Bratislava, Slovakia, 22.05.2025-30.06.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 2
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160]

V2_154 / Brayan, Johnata (Author of correspondence) (20%) - Neto, Armando Alves (Author) (20%) - Petrovič, Pavel (Author) (20%) - Freitas, Gustavo M. (Author) (20%) - Goncalves, Vinicius Mariano (Author) (20%): **UAIbot: Beginner-Friendly Web-Based Simulator for Interactive Robotics Learning and Research**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/978-3-031-98762-5_36. – SCO.
In: *Robotics in Education* [printed document] [electronic document] : Proceedings of the RiE 2025 Conference / Balogh, Richard [Compiler] ; Obdržálek, David [Compiler] ; Fachantidis, Nikolaos [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature, 2025. – (Lecture notes in networks and systems, ISSN 2367-3370, ISSN 2367-3389 ; 1544). – ISBN 978-3-031-98761-8. – ISBN (online) 978-3-031-98762-5, s. 431-442 [printed form] [online]
Robotics in Education 2025, 16 [Thessaloniki, Greece, 23.04.2025-25.04.2025]
Number of all authors: 5
[contribution from event]
Lit.: 8
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,233 - 2024
SJR: 0,166 - 2024
CiteScore: 1 - 2024
Nordic List: 1 - 2024
Quartile Q:
2024, Scimago - Computer networks and communications - ; **2024, Scimago** - Control and systems engineering - ; **2024, Scimago** - Signal processing -

V2_155 / Niedl, Tomáš (Author) (25%) - Zvarík, Milan (Author) [UKOMFKJFB] (25%) - Noskovičová, Lucia (Author) [UKOLFKNM] (25%) - Balogová, Soňa (Author) [UKOLFKNM] (25%): **Rádiomická analýza funkčného obrazu pozitrónovej emisnej tomografie s fludeoxyglukózou (18F)**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin

[Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 76-76 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 3
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5141]

V2_156 / Oguagbaka, Makuochukwu Felix (Author) [Internal PhD student] [UKOMFKI] (50%) - Lukoťka, Robert (Author) [UKOMFKI] (50%): **Covering defects of cubic graphs**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 332-332 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 4
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_157 / Okruhlicová, Zuzana (Author) (33.334%) - Lukačová, Zuzana (Author) [UKOPRBFR] (33.333%) - Hensel, Karol (Author) [UKOMFKAFZM] (33.333%): **Optimalizácia aplikácií plazmou aktivovanej vody na zlepšený rast a antioxidačnú kapacitu hybridov kukurice**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter

[Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 77-77 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 4
[OV 092 Earth and space sciences - OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

V2_158 / Onoja, Monday (Author) [Internal PhD student] [UKOMFKAI] (100%): **Integrating Ontology and Graph Neural Network for Explainable Malware Detection**. – text. – [reviewed]. – SCO.
In: *KR 2025 Doctoral Consortium* [electronic document] : Proceedings of the Doctoral Consortium of the 22nd International Conference on Principles of Knowledge Representation and Reasoning (KR-DC 2025) / Ahmetaj, Shqiponja [Compiler] ; Sauerwald, Kai [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4078). – ISSN (online) 1613-0073, s. 33-38 [online]
International Conference on Principles of Knowledge Representation and Reasoning, 22 [Melbourne, Australia, 11.11.2025-17.11.2025]
Number of all authors: 1
[contribution from event]
Lit.: 22
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_159 / Onoja, Monday (Author) [Internal PhD student] [UKOMFKAI] (25%) - Adams, Zekeri (Author) [Internal PhD student] [UKOMFKAI] (25%) - Anthony, Peter (Author) [Internal PhD student] [UKOMFKAI] (25%) - Homola, Martin (Author) [UKOMFKAI] (25%): **Explainable Malware Detection via Relational Graph Neural Networks with Bidirectional Relations**. – text.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 17-17 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_160 / Ostertág, Richard (Author) [UKOMFKI] (50%) - Stanek, Martin (Author of correspondence) [UKOMFKI] (50%): **Impact of cybersecurity incidents on stock prices**. – text, graphs, tables. – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 414-421 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 10
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_161 / Mráz, František (Author of correspondence) (20%) - Pardubská, Dana (Author) [UKOMFKI] (20%) - Plátek, Martin (Author of correspondence) (20%) - Procházka, Martin (Author) (20%) - Vomlelová, Marta (Author) (20%): **Complete CF(¢,$)-grammars, Pumping Reductions, and Regularity**. – text. – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 205-214 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 5
[contribution from event]
Lit.: 9
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_162 / Patrnčiak, Michal (Author) [Internal PhD student] [UKOMFCENAM] (25%) - Vidiš, Marek (Author) [UKOMFCENAM] (20%) - Staňo, Ľubomír (Author) [UKOMFCENAM] (5%) - Shpetnyi, Ihor O. (Author) [UKOMFCENAM] (5%) - Roch, Tomáš (Author) [UKOMFCENAM] (5%) - Grančič, Branislav (Author) [UKOMFCENAM] (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Ďurina, Pavol (Author) [UKOMFCENAM] (5%) - Mikula, Marián (Author) [UKOMFCENAM] (5%) - Plecenik, Tomáš (Author of correspondence) [UKOMFCENAM] (20%): **Concepts and prospects of hybrid memristive-chemiresistive gas sensors based on Pt/TiO2/Pt sandwich structures**. – text, pictures (illustration). – [reviewed].
In: *SURFINT - SREN IX* [printed document] : Extended Abstract Book of the 9th Conference Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News. Smolenice, Slovak Republic. November 18-20, 2025 / Bačová, Silvia [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-6152-1, s. 84-87
Progress in Applied Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News, 9 [Smolenice, Slovakia, 18.11.2025-20.11.2025]
Number of all authors: 10
[abstract from event - PP]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

V2_163 / Paulech, Tomáš (Author) [UKOMFKAFZM] (33.334%) - Hajduková, Mária (Author) (33.333%) - Nagy, Roman (Author) [UKOMFKAFZM] (33.333%): **Výskum medzihviezdnych objektov v Slnečnej sústave a jeho spoločensko-etický rozmer**. – text.
In: *Interakcie človeka a kozmu z multidisciplinárnej perspektívy* [printed document] : historické štúdie / Daniš, Miroslav [Compiler] ; Šafin, Ján [Reviewer] ; Kratochvíl, Viliam [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Hlbiny, 2025. – (Acta historica Posoniensia ; 41). – ISBN 978-80-89743-57-5, s. 51-67 [printed form]
Number of all authors: 3
[contribution]
Lit.: 49
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

V2_164 / Pekárová, Pavla (Author of correspondence) (80%) - Pekár, Ján (Author) (20%): **Metódy stanovenia extrémnych povodňových scenárov pre Horný Váh**. – text, graphs, tables, pictures (illustration).
In: *Land and Water Management – Future Risks and Opportunities* [electronic document] : Book of peer-reviewed papers / Vitková, Justína [Compiler] ; Botyanszká, Lenka [Compiler] ; Szolgay, Ján [Reviewer] ; Danáčová, Michaela [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Ústav hydrológie SAV, 2025. – ISBN (online) 978-80-89139-64-4, s. 147-160 [online]

Number of all authors: 2
[contribution]
Lit.: 26
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_165 / Melo, Marián (Author of correspondence) [UKOMFKAFZM] (35%) - Pekárová, Pavla (Author) (25%) - Czuczor, Filip (Author) (20%) - Rusinko, Adam (Author) [UKOPRZFGGI] (10%) - Melová, Katarína (Author) (10%): **Povodne a ľadové javy v povodí Nitry v období 1920-1939 na základe dokumentárnych a meraných údajov** = Floods and ice phenomena in the Nitra river basin in 1920–1939 based on documentary and measured data. – text, photographs, maps, graphs, tables.
In: *Hydrological response to changing natural conditions* [electronic document] : book of peer-reviewed papers / Pavelková, Dana [Compiler] ; Gomboš, Milan [Compiler] ; Tall, Andrej [Compiler] ; Halmová, Dana [Reviewer] ; Bačová Mitková, Veronika [Reviewer] ; Schügerl, Radoslav [Reviewer] ; Čubanová, Lea [Reviewer] ; Hlavčová, Kamila [Reviewer] ; Gnjato, Slobodan [Reviewer] ; Vranayová, Zuzana [Reviewer] ; Víchová, Bronislava [Reviewer] ; Hlaváčiková, Hana [Reviewer] ; Matušek, Ivan [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Ústav hydrológie, 2025. – ISBN (online) 978-80-89139-63-7, s. 109-125 [USB key]
Number of all authors: 5
[contribution]
Lit.: 18
[OV 092 Earth and space sciences - OV 030 Historical science and ethnology - OV 100 Environmental science and ecology]
[ŠO 1217 - ŠO 1610 - ŠO 7115]

V2_166 / SuperNEMO Collaboration [Author corporation] ; Petro, Maroš (Author) [External PhD student] [UKOMFKJFB] (100%): **Search for Exotic Modes of Double Beta Decay Within the SuperNEMO Experiment**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1063/5.0249852. – SCO ; WOS CC ; CPCI-S.
In: *Workshop on the Calculation of Double-Beta-Decay Matrix Elements (MEDEX'22)* [printed document] [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – č. 1. – Melville (United States) : American Institute of Physics. AIP Publishing, 2025. – (AIP conference proceedings, ISSN 0094-243X, ISSN 1551-7616 ; 3143), s. 1-4 [printed form] [online]
Matrix Elements for the Double beta decay Experiments 2022 [Praha, Czech Republic, 13.06.2022-17.06.2022]
Number of all authors: 1
[contribution from event]
Lit.: 10
[OV 091 Physics]
[ŠO 1160]
Indicator:
SNIP: 0,204 - 2024
SJR: 0,153 - 2024
CiteScore: 0,5 - 2024

V2_167 / SuperNEMO Collaboration [Author corporation] ; Petro, Maroš (Author) [External PhD student] [UKOMFKJFB] (100%): **Searching for exotic modes of 2νββ with the SuperNEMO Experiment**. – text, graphs. – [reviewed]. – DOI 10.22323/1.476.0208. – SCO ; OA.
In: *42nd International Conference on High Energy Physics* [electronic document] / Adam, Jaroslav [Compiler] ; Adamová, Dagmar [Compiler] ; Balek, Petr [Compiler]. – 1. vyd. – Terst (Italy) : Sissa Medialab, 2025. – (Proceedings of Science, ISSN 1824-8039 ; Vol. 476), s. 1-3 [online]
International Conference on High Energy Physics, 42 [Praha, Czech Republic, 18.07.2024-27.07.2024]
Number of all authors: 1
[contribution from event]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]
Indicator:
SNIP: 0,096 - 2024
SJR: 0,126 - 2024
CiteScore: 0,3 - 2024

V2_168 / SuperNEMO Collaboration [Author corporation] ; Petro, Maroš (Author) [External PhD student]

[UKOMFKJFB] (100%): **Status of the SuperNEMO Experiment and sensitivity estimates to 0νββ and beyond**. – text, graphs. – [reviewed]. – DOI 10.22323/1.495.0034. – SCO ; OA.
In: *Matrix Elements for the Double beta decay EXperiments (MEDEX2025)* [electronic document] / Civitarese, Osvaldo [Compiler] ; Hodák, Rastislav [Compiler] ; Štekl, Ivan [Compiler] ; Suhonen, Jouni [Compiler] ; Gráf, Lukáš [Compiler]. – 1. vyd. – Terst (Italy) : Sissa Medialab, 2025. – (Proceedings of Science, ISSN 1824-8039 ; 495), s. 1-6 [online]
Matrix Elements for the Double beta decay EXperiments 2025 [Praha, Czech Republic, 23.06.2025-27.06.2025]
Number of all authors: 1
[contribution from event]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]
Indicator:
SNIP: 0,096 - 2024
SJR: 0,126 - 2024
CiteScore: 0,3 - 2024

V2_169 / Petrovič, Martin (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Asimilácia satelitných údajov a bias korekcia v numerickom modeli ALADIN/SHMU**. – text, graphs, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Bože, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 26-35 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[contribution from event]
Lit.: 8
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]

V2_170 / Balogh, Richard (Author of correspondence) [030400] (20%) - Petrovič, Pavel (Author) (20%) - Lúčny, Andrej (Author) (20%) - Boško, Pavol (Author) (20%) - Kováč, Radoslav (Author) (20%): **Robotour: Experiences from an Outdoor Robot Competition**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/978-3-031-98762-5_29. – SCO ; WOS CC.
In: *Robotics in Education* [printed document] [electronic document] : Proceedings of the RiE 2025 Conference / Balogh, Richard [Compiler] ; Obdržálek, David [Compiler] ; Fachantidis, Nikolaos [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature, 2025. – (Lecture notes in networks and systems, ISSN 2367-3370, ISSN 2367-3389 ; 1544). – ISBN 978-3-031-98761-8. – ISBN (online) 978-3-031-98762-5, s. 341-360 [printed form] [online]
Robotics in Education 2025, 16 [Thessaloniki, Greece, 23.04.2025-25.04.2025]
Number of all authors: 5
[contribution from event]
Lit.: 31

[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,233 - 2024
SJR: 0,166 - 2024
CiteScore: 1 - 2024
Nordic List: 1 - 2024
Quartile Q:
2024, Scimago - Computer networks and communications - ; **2024, Scimago** - Control and systems engineering - ; **2024, Scimago** - Signal processing -

V2_171 / Pilková, Zuzana (Author) (40%) - Hiller, Edgar (Author) [UKOPREGE] (30%) - Filová, Lenka (Author) [UKOMFKAMS] (20%) - Mihaljevič, Martin (Author) (10%): **Environmentálna geochémia pôd a zeleniny urbánnych záhrad v Bratislave**. – text, graphs. – [reviewed].
In: *Geochémia 2025* [electronic document] : Zborník vedeckých príspevkov z konferencie / Jurkovič, Ľubomír [Compiler] ; Kordík, Jozef [Compiler] ; Beňová, Nina [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Štátny geologický ústav Dionýza Štúra, 2025. – ISBN 978-80-8174-080-0, s. 109-111 [online]
Geochémia 2025 [Častá-Papiernička, Slovakia, 07.04.2025-09.04.2025]
Number of all authors: 4
[contribution from event]
Lit.: 9
[OV 092 Earth and space sciences - OV 240 Mathematics and statistics]
[ŠO 1217 - ŠO 1113]

V2_172 / Piskorska, Kalina Maria (Author) (70%) - Takáč, Martin (Author) [UKOMFKAI] (30%): **Multi-agent modelling of climate change denial spread**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 85-87 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 2
[contribution from event]
Lit.: 19
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_173 / Pizarroso Troncoso, Carlos Andres (Author) [Internal PhD student] [UKOMFKAI] (100%): **Evaluating the significance of outdoor advertising utilizing Computer Vision**. – text, photographs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš

[Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 364-364 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 3
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_174 / Pócoš, Štefan (Author) [UKOMFKAI] (50%) - Bečková, Iveta (Author) [UKOMFKAI] (50%): **Transforming Malware Ontology via Self-Attention**. – text.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 40-41 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 3
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_175 / Pokorná, Barbora (Author) [UKOMFKAG] (100%): **3D pen-supported geometry learning in secondary schools**. – text, photographs, pictures (illustration). – [reviewed].
In: *Slovak-Czech Conference on Geometry and Graphics 2025* [electronic document] / Szarková, Dagmar [Compiler] ; Velichová, Daniela [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská technická univerzita v Bratislave. Fakulta chemickej a potravinárskej technológie. Slovenská chemická knižnica, 2025. – ISBN (online) 978-80-8208-170-4, s. 141-148 [online]
Slovak-Czech Conference on Geometry and Graphics 2025, 11 [Bratislava, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 12
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_176 / Zhytlukhina, Olena S. (Author of correspondence) [UKOMFCENAM] (10%) - Poláčková, Magdaléna (Author) [UKOMFCENAM] (15%) - Gregor, Maroš (Author) [UKOMFCENAM] (10%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (10%) - Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (10%) - Ďurina, Pavol (Author) [UKOMFCENAM] (10%) - Honig, Hauke-Lars (Author) (15%) - Schaaf, Peter (Author) (10%) - Toepfer, Hannes (Author) (10%): **Robust edge states in stacked Al/Ni-based multilayers**. – text, pictures (illustration). – [reviewed].
In: *SURFINT - SREN IX* [printed document] : Extended Abstract Book of the 9th Conference Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News. Smolenice, Slovak Republic. November 18-20, 2025 / Bačová, Silvia [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-6152-1, s. 12-14
Progress in Applied Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News, 9 [Smolenice, Slovakia, 18.11.2025-20.11.2025]
Number of all authors: 9
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

V2_177 / Popov, Yevhenii (Author) (50%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (50%): **Fabrication, Oxidation, and Property Modulation of Iron-Doped Titanium Nanotubes**. – text, photographs, graphs, pictures (illustration).

In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 186-188 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

V2_178 / Ramaj, Ján (Author) [Internal PhD student] [UKOMFKAFZM] (33.334%) - Sabová, Martina (Author) (33.333%) - Maták, Peter (Author) [UKOMFKTF] (33.333%): **Minimal effective theory for neutrino masses, dark matter, and matter-antimatter asymmetry cogenesis**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 391-391 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 3

[OV 091 Physics]
[ŠO 1160]

V2_179 / Ravinger, Andrej (Author) [Internal PhD student] [UKOMFKI] (100%): **Usefullness of information for bounded regular languages**. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 232-232 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 2
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_180 / Repčíková, Tatiana (Author) (35%) - Zajíčková, Simona (Author) (35%) - Makukova, Jana (Author) [Internal PhD student] [UKOPRBGE] (15%) - Peťková, Mária (Author) [UKOPRBGE] (5%) - Machala, Zdenko (Author) [UKOMFKAFZM] (5%) - Ševčovičová, Andrea (Author) [UKOPRBGE] (5%): **Vplyv degradácie bisfenolu A pomocou nízkoteplotnej plazmy na prežívanie buniek Chlamydomonas reinhardtii**. – graphs, tables. – [reviewed].
In: *Študentská vedecká konferencia PriF UK 2025* [electronic document] : zborník recenzovaných príspevkov / Chovancová, Mária [Compiler] ; Sebechlebská, Táňa [Compiler] ; Kostoláni, Dominik [Compiler] ; Juračka, Dominik [Compiler] ; Šmida, Dominik [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6080-7, s. 527-531 [online]
Študentská vedecká konferencia PriF UK [Bratislava, Slovakia, 30.04.2025]
Number of all authors: 6
[contribution from event]
Lit.: 9
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]

V2_181 / Rezák, Patrik (Author) [Internal PhD student] [UKOMFKDMFI] (60%) - Velmovská, Klára (Author) [UKOMFKDMFI] (40%): **Analysis of Performance of Slovak Pupils in the Physics Part of IJSO According to Revised Bloom's Taxonomy in 2023 and 2024**. – text. – [reviewed].
In: *GIREP-EPEC 2025* [electronic document] : Book of Extended Abstracts / Logman, Paul [Compiler]. – 1. vyd. – Leiden (Netherlands) : Universiteit Leiden, 2025. – ISBN (online) 978-94-92496-01-0. – ISBN (wrong) 978-94-9249601-0, s. 526-527 [online]
GIREP-EPEC Conference 2025 [Leiden, Netherlands, 30.06.2025-04.07.2025]
Number of all authors: 2

[abstract from event - PP]
Lit.: 3
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

V2_182 / Šuppa, Marek (Author of correspondence) [External PhD student] [UKOMFKAI] (12.5%) - Ridzik, Andrej (Author) (12.5%) - Hládek, Andrej (Author) (12.5%) - Javůrek, Tomáš (Author) (12.5%) - Ondrejová, Viktória (Author) (12.5%) - Sásiková, Kristína (Author) (12.5%) - Tamajka, Martin (Author) (12.5%) - Šimko, Marián (Author) (12.5%): **skLEP: A Slovak General Language Understanding Benchmark**. – text, tables. – [reviewed]. – DOI 10.18653/v1/2025.findings-acl.1371.
In: *Findings of the Association for Computational Linguistics: ACL 2025* [electronic document] / Che, Wanxiang [Compiler] ; Nabende, Joyce [Compiler] ; Shutova, Ekaterina [Compiler] ; Pilehvar, Mohammad Taher [Compiler]. – 1. vyd. – Kerrville (United States) : Association for Computational Linguistics, 2025. – ISBN (online) 979-8-89176-256-5, s. 26716-26743 [online]
Association for Computational Linguistics, 63 [Viedeň, Austria, 27.07.2025-01.08.2025]
Number of all authors: 8
[contribution from event]
Lit.: 74
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_183 / Roch, Tomáš (Author) [UKOMFCENAM] (10%) - Grančič, Branislav (Author) [UKOMFCENAM] (10%) - Viskupová, Katarína (Author) (10%) - Šroba, Viktor (Author) (10%) - Fiantok, Tomáš (Author) [UKOMFCENAM] (10%) - Vidiš, Marek (Author) [UKOMFCENAM] (10%) - Truchlý, Martin (Author) [UKOMFCENAM] (10%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Mikula, Marián (Author) [UKOMFCENAM] (10%) - Švec, Peter (Author) (10%): **Structure Evolution and Mechanical Properties of Selected Transition Metal Boride Hard Coatings**. – text, pictures (illustration). – [reviewed].
In: *Proceedings 28th Conference of Slovak Physicists* [printed document] / Džubinská, Andrea [Compiler] ; Reiffers, Marián [Compiler]. – 1. vyd. – Košice (Slovakia) : Slovenská fyzikálna spoločnosť, 2025. – ISBN 978-80-89855-27-8, s. 53-54 [printed form]
Konferencia slovenských fyzikov 2025, 28 [Prešov, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 10
[contribution from event]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

V2_184 / Řehulka, Erik (Author) (50%) - Rajník, Jozef (Author) [UKOMFKI] (50%): **Cyclic edge-connectivity of junctions of multipoles**. – text, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin

[Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 258-269 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[contribution from event]
Lit.: 12
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_185 / Sabolová, Katarína (Author) [Internal PhD student] [UKOMFKAFZM] (50%) - Šilha, Jiří (Author) [UKOMFKAFZM] (50%): **Color index evolution of CZ-3B rocket bodies due to space weathering**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 43-43 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 2
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

V2_186 / Salanci, Ľubomír (Author) [UKOMFKDMFI] (100%): **Informatika v novej kurikulárnej reforme** = Informatics in the new curriculum reform. – text.
In: *DidInfo 2025* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Berki, Jan [Reviewer] ; Borkovcová, Monika [Reviewer] ; Dudáš, Adam [Reviewer] ; Filipi, Zbyněk [Reviewer] ; Guniš, Ján [Reviewer] ; Hamada, Adrián [Reviewer] ; Huraj, Ladislav [Reviewer] ; Jacková, Jana [Reviewer] ; Kubík, Rudolf [Reviewer] ; Lessner, Daniel [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Ivecký, Miroslav [Reviewer] ; Stoffová, Veronika [Reviewer] ; Šaloun, Petr [Reviewer] ; Šimandl, Václav [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Vaníček, Jiří [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2230-6, s. 98-105 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 1
[contribution from event]
Lit.: 20
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_187 / Behtooei, Hamidreza (Author of correspondence) [Internal PhD student] [UKOPRCOR] (25%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (25%) - Motola, Martin (Author) [UKOPRCAG] (25%) - Monfort, Olivier (Author) [UKOPRCAG] (25%): **Mesoporous Iron oxide nanostructures formed by anodization of Iron foils**. – text, illustrations. – [reviewed].
In: *Študentská vedecká konferencia PriF UK 2025* [electronic document] : zborník recenzovaných príspevkov / Chovancová, Mária [Compiler] ; Sebechlebská, Táňa [Compiler] ; Kostoláni, Dominik [Compiler] ; Juračka, Dominik [Compiler] ; Šmida, Dominik [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6080-7, s. 706-709 [online]
Študentská vedecká konferencia PriF UK [Bratislava, Slovakia, 30.04.2025]
Number of all authors: 4
[contribution from event]
Lit.: 11
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1420 - ŠO 1160]

V2_188 / Behtooei, Hamidreza (Author of correspondence) [Internal PhD student] [UKOPRCOR] (16.67%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (16.666%) - Roch, Tomáš (Author) [UKOMFCENAM] (16.666%) - Motola, Martin (Author) [UKOPRCAG] (16.666%) - Monfort, Olivier (Author) [UKOPRCAG] (16.666%) - Atri, Shalu (Author) [UKOPRCAG] (16.666%): **Efficient degradation of caffeine in water using Co3O4 and Nb4C3Tx-MXene composite**. – text, illustrations, graphs. – [reviewed].
In: *Študentská vedecká konferencia PriF UK 2025* [electronic document] : zborník recenzovaných príspevkov / Chovancová, Mária [Compiler] ; Sebechlebská, Táňa [Compiler] ; Kostoláni, Dominik [Compiler] ; Juračka, Dominik [Compiler] ; Šmida, Dominik [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6080-7, s. 710-713 [online]
Študentská vedecká konferencia PriF UK [Bratislava, Slovakia, 30.04.2025]
Number of all authors: 6
[contribution from event]
Lit.: 5
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1420 - ŠO 1160]

V2_189 / Poláčková, Magdaléna (Author of correspondence) [UKOMFCENAM] (45%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (25%) - Ďurina, Pavol (Author) [UKOMFCENAM] (10%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (10%) - Gregor, Maroš (Author) [UKOMFCENAM] (10%): **Proximity phenomena in heterostructures consisting of superconductor-ferromagnet**. – text, pictures (illustration). – [reviewed].
In: *SURFINT - SREN IX* [printed document] : Extended Abstract Book of the 9th Conference Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News. Smolenice, Slovak Republic. November 18-20, 2025 / Bačová, Silvia [Compiler]. – 1 vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN 978-80-223-6152-1, s. 48-50
Progress in Applied Progress in Applied Surface, Interface and Thin Film Science - Solar Renewable Energy News, 9 [Smolenice, Slovakia, 18.11.2025-20.11.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

V2_190 / Senderák, Martin (Author) (50%) - Vinař, Tomáš (Author) [UKOMFKAI] (50%): **Seeing Through Hairballs: Simplifying Pangenome Graphs**. – text, pictures (illustration). – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 326-333 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 15

[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_191 / Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (25%) - Veis, Matej (Author) [UKOMFKEF] (25%) - Roch, Tomáš (Author) [UKOMFCENAM] (25%) - Veis, Pavel (Author) [UKOMFKEF] (25%): **Application of Vacuum UV LIBS for the Elemental Quantification of Samples Containing Boron**. – text. – [reviewed].
In: *Proceedings of the International Conference on Advances in Electronic and Photonic Technologies* [printed document] / Jandura, Daniel [Compiler] ; Lettrichová, Ivana [Compiler]. – 1. vyd. – Žilina (Slovakia) : Žilinská univerzita v Žiline. Vydavateľstvo EDIS, 2025. – ISBN 978-80-554-2208-4, s. 243-246 [printed form]
Advances in Electronic and Photonic Technologies, 13 [Podbanské, Slovakia, 15.06.2025-18.06.2025]
Number of all authors: 4
[contribution from event]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

V2_192 / Skottis, Demetris (Author) (33.334%) - Karetka, Gregor (Author) (33.333%) - Šuppa, Marek (Author of correspondence) [External PhD student] [UKOMFKAI] (33.333%): **RAGthoven at SemEval 2025 - Task 2: Enhancing Entity-Aware Machine Translation with Large Language Models, Retrieval Augmented Generation and Function Calling**. – text, tables, pictures (illustration). – [reviewed].
In: *The 19th International Workshop on Semantic Evaluation (SemEval-2025)* [electronic document] : Proceedings of the Workshop / Rosenthal, Sara [Compiler] ; Rosá, Aiala [Compiler] ; Ghosh, Debanjan [Compiler] ; Zampieri, Marcos [Compiler]. – 1. vyd. – Kerrville (United States) : Association for Computational Linguistics, 2025. – ISBN (online) 979-8-89176-273-2, s. 2342-2351 [online]
Semantic Evaluation, 19 [Viedeň, Austria, 31.07.2025-01.08.2025]
Number of all authors: 3
[contribution from event]
Lit.: 3
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_193 / Slade, A. (Author) (12.5%) - Petrík, Tomáš (Author) [Internal PhD student] [UKOPRBGE] (12.5%) - Gaplovská, Katarína (Author) [UKOPRBGE] (12.5%) - Hodorová, Viktória (Author) [UKOPRCBI] (12.5%) - Brejová, Bronislava (Author) [UKOMFKI] (12.5%) - Tomáška, Ľubomír (Author) [UKOPRBGE] (12.5%) - Nosek, Jozef (Author) [UKOPRCBI] (12.5%) - Holcik, M. (Author) (12.5%): **Is mRNA Translation Compromised in Sideroblastic Anemia, B-cell Immunodeficiency, Periodic Fevers, and Developmental Delay (SIFD)?**. – text.
In: *49th Annual Conference on Yeasts* [printed document] : Programme & Abstracts / Vadkertiová, Renáta [Compiler] ; Horváthová, Agnes [Compiler] ; Čertík, Milan [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Slovenská antropologická spoločnosť pri SAV, 2025. – ISSN 1336-4839, s. 47-47 [printed form]
Annual Conference on Yeasts, 49 [Smolenice, Slovakia, 13.05.2025-16.05.2025]
Number of all authors: 8
[abstract from event - PP]
[OV 130 Life sciences - OV 120 Chemistry, chemical technology and biotechnology - OV 160 Information sciences, automation and telecommunications]
[ŠO 1536 - ŠO 1420 - ŠO 2508]

V2_194 / Sládek, Lukáš (Author) (33.334%) - Bernát, Dušan (Author) [UKOMFKI] (33.333%) - Bokes, Pavol (Author) [UKOMFKAMS] (33.333%): **Asymptotic Analysis of Domination in Random Linear Graphs via Markov Processes**. – text. – [reviewed]. – DOI 10.1109/MMAR65820.2025.11150871.
In: *2025 29th International Conference on Methods and Models in Automation and Robotics* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Piscataway (United States) : Institute of Electrical and Electronics Engineers, 2025. – (IEEE International Conference on Methods and Models in Automation and Robotics, ISSN 2835-2807). – ISBN (online) 979-8-3315-2649-8. – ISBN (online) 979-8-3315-2648-1. – ISSN (online) 2835-2807, s. 71-76 [online]

Methods and Models in Automation and Robotics, 29 [Miedzyzdroje, Poland, 26.08.2025-29.08.2025]
Number of all authors: 3
[contribution from event]
Lit.: 27
[OV 240 Mathematics and statistics]
[ŠO 1113]

V2_195 / Slavíčková, Mária (Author) [UKOMFKDMFI] (50%) - Novotná, Jarmila (Author) (50%): **Teacher challenges: Possibilities for development of reasoning skills in mathematics textbooks**. – text, graphs, tables, pictures (illustration).
In: *Elementary Mathematics: Building Strong Foundations* [printed document] [electronic document] : Proceedings : International Symposium Elementary Mathematics Teaching / Novotná, Jarmila [Compiler] ; Moraová, Hana [Compiler] ; Levenson, Esther [Reviewer] ; Venkat, Hamsa [Reviewer] ; Graven, Mellony [Reviewer] ; Hošpesová, Alena [Reviewer] ; Kaur, Berinderjeet [Reviewer] ; Savard, Annie [Reviewer] ; Tirosh, Dina [Reviewer]. – 1. vyd. – Praha (Czech Republic) : Univerzita Karlova v Praze. Pedagogická fakulta, 2025. – ISBN 978-80-7603-621-5, s. 372-381 [printed form] [online]
International Symposium Elementary Mathematics Teaching 2025, 18 [Praha, Czech Republic, 17.08.2025-21.08.2025]
Number of all authors: 2
[contribution from event]
Lit.: 22
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

V2_196 / Szűcs, Kinga (Author of correspondence) (50%) - Slavíčková, Mária (Author) [UKOMFKDMFI] (50%): **Reasoning and proving opportunities related to Thales ' theorem in selected lower secondary textbooks from four different regions**. – text, tables, pictures (illustration). – [reviewed].
In: *CERME 14* [electronic document] : Proceedings of the fourteenth Congress of the European Society for Research in Mathematics Education / Bosch Casabò, Marianna [Compiler] ; Carreira, Susana [Compiler] ; Bolondi, Giorgio [Compiler] ; Gaidoschick, Michael [Compiler] ; Spagnolo, Camilla [Compiler]. – 1. vyd. – Bozen-Bolzano (Italy) : Libera Università di Bolzano, 2025. – ISBN (online) 9791221086553, s. 286-293 [online]
Congress of the European Society for Research in Mathematics Education 2025, 14 [Bozen-Bolzano, Italy, 04.02.2025-08.02.2025]
Number of all authors: 2
[contribution from event]
Lit.: 20
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

V2_197 / Sližik, Miroslav (Author) [125799] (55%) - Balga, Tibor (Author) [UKOTVKEH] (25%) - Antala, Branislav (Author) [UKOTVKEH] (4%) - Dovičák, Martin (Author) (3%) - Cihová, Iveta (Author) (10%) - Macháček, Ján (Author) (3%): **Pupils' feedback on tandem teaching of physical and sport education in primary schools in Slovakia**. – text.
In: *19th FIEPS European congress* [electronic document] : book of abstracts / Sahin, Mustafa Yasar [Compiler] ; Yildiz, Mehmet [Compiler]. – [reviewed]. – 1. vyd. – Antalya (Turkey) : FIEP - Fédération internationale d'education physique, 2025. – ISBN 978-625-96318-0-6, s. 97-97 [online]
FIEPS European congress, 19 [Antalya, Turkey, 24.04.2025-27.04.2025]
Number of all authors: 6
[abstract from event - PP]
[OV 010 Pedagogical science - OV 210 Sports sciences]
[ŠO 7418 - ŠO 7605]

V2_198 / Sobota, Branislav (Author) [104009] (20%) - Korečko, Štefan (Author) [104009] (20%) - Farkaš, Igor (Author) [UKOMFKAI] (20%) - Kolesár, Ján (Author) (20%) - Sobota, Timotej (Author) (20%): **Extended Reality based Fire Safety Training System for Humanoid Robot Knowledge Base**. – text, pictures (illustration). – [reviewed]. – DOI 10.1109/ICETA67772.2025.11280134.
In: *ICETA 2025* [electronic document] : 23nd year of international conference on emerging elearning technologies and applications : proceedings : November 13 – 14, 2025 Grand Hotel Starý Smokovec, High Tatras, Slovakia / Fejedelem, Štefan [Compiler]. – 1. vyd. – Piscataway (United States) : Institute of Electrical and Electronics

Engineers, 2025. – ISBN 979-8-3315-7425-3. – ISBN 979-8-3315-7427-7. – ISBN (online) 979-8-3315-7426-0, s. 754-759 [online]
ICETA 2025, 23 [Starý Smokovec, Slovakia, 13.11.2025-14.11.2025]
Number of all authors: 5
[contribution from event]
Lit.: 20
[OV 160 Information sciences, automation and telecommunications - OV 220 Transport services]
[ŠO 2508]

V2_199 / Sobota, Branislav (Author) [104009] (25%) - Sobota, Timotej (Author) [Internal PhD student] [104009] (25%) - Korečko, Štefan (Author) [104009] (25%) - Farkaš, Igor (Author) [UKOMFKAI] (25%): **On Architecture and Metaverse Platform Integration of Humanoid Robot Digital Twin System**. – text, pictures (illustration). – [reviewed]. – DOI 10.1109/CINTI67731.2025.11311823.
In: *IEEE 25th International Symposium on Computational Intelligence and Informatics* [electronic document] : proceedings / [bez zostavovateľa] [Compiler]. – 1. vyd. – Danver (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN (online) 979-8-3315-5291-6. – ISBN (online) 979-8-3315-5290-9, s. 187-192 [online] [USB key]
IEEE International Symposium on Computational Intelligence and Informatics, 25 [Budapest, Hungary, 18.11.2025-19.11.2025]
Number of all authors: 4
[contribution from event]
Lit.: 25
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_200 / Sokáčová, Viera (Author) (80%) - Čujdíková, Mária (Author) [UKOMFKDMFI] (20%): **Vplyv generatívnej umelej inteligencie na emocionálne prežívanie a výkon žiakov pri riešení úloh** = Impact of Generative Artificial Intelligence on Pupils' Emotional Experience and Performance in Problemsolving Tasks. – text.
In: *DidInfo 2025* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Berki, Jan [Reviewer] ; Borkovcová, Monika [Reviewer] ; Dudáš, Adam [Reviewer] ; Filipi, Zbyněk [Reviewer] ; Guniš, Ján [Reviewer] ; Hamada, Adrián [Reviewer] ; Huraj, Ladislav [Reviewer] ; Jacková, Jana [Reviewer] ; Kubík, Rudolf [Reviewer] ; Lessner, Daniel [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Ivecký, Miroslav [Reviewer] ; Stoffová, Veronika [Reviewer] ; Šaloun, Petr [Reviewer] ; Šimandl, Václav [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Vaníček, Jiří [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online) 978-80-557-2230-6, s. 114-121 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 2
[contribution from event]
Lit.: 9
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_201 / Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (25%) - Veis, Matej (Author) [UKOMFKEF] (25%) - Kundracik, František (Author) [UKOMFKEF] (25%) - Veis, Pavel (Author) [UKOMFKEF] (25%): **Microwave Assisted Laser Induced Plasma**. – text. – [reviewed].
In: *Proceedings of the International Conference on Advances in Electronic and Photonic Technologies* [printed document] / Jandura, Daniel [Compiler] ; Lettrichová, Ivana [Compiler]. – 1. vyd. – Žilina (Slovakia) : Žilinská univerzita v Žiline. Vydavateľstvo EDIS, 2025. – ISBN 978-80-554-2208-4, s. 235-238 [printed form]
Advances in Electronic and Photonic Technologies, 13 [Podbanské, Slovakia, 15.06.2025-18.06.2025]
Number of all authors: 4
[contribution from event]
Lit.: 8
[OV 091 Physics]
[ŠO 1160]

V2_202 / Stanek, Martin (Author) [UKOMFKI] (100%): **Bad cipher design: Chessography and Cascaded Spin**

Shuffle. – text, tables. – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 395-403 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 9
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_203 / Stenová, Barbora (Author) [Internal PhD student] [UKOMFKDMFI] (50%) - Miková, Karolína (Author) [UKOMFKDMFI] (50%): **Students' Pre-concepts of Robot Control Before Their First Robotics Lesson: A Pilot Study**. – text. – [reviewed]. – DOI 10.1007/978-981-96-4407-0_7. – SCO.
In: *Learning Technologies and Systems* [printed document] [electronic document] : 23rd International Conference on Web-Based Learning, ICWL 2024 and 9th International Symposium on Emerging Technologies for Education, SETE 2024 Shanghai, China, November 26–28, 2024 Revised Selected Papers / Hao, Tianyong [Compiler] ; Wu, Junjie Gavin [Compiler] ; Luo, Xiangfeng [Compiler] ; Sun, Yan [Compiler] ; Mu, Yuanyuan [Compiler] ; Ge, Shili [Compiler] ; Xie, Wenxiu [Compiler]. – 1. vyd. – Singapur (Singapore) : Springer Nature. Springer, 2025. – (Lecture Notes in Computer Science, ISSN 0302-9743, ISSN 1611-3349 ; 15589). – ISBN 978-981-96-4406-3. – ISBN (online) 978-981-96-4407-0, s. 86-98 [printed form] [online]
International Conference on Web-Based Learning 2024, 23 [Šanghaj, China, 18.12.2024-20.12.2024]
Number of all authors: 2
[contribution from event]
Lit.: 28
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

Quartile Q:
2024, Scimago - Computer science (miscellaneous) - ; **2024, Scimago** - Theoretical computer science -

V2_204 / Stenová, Barbora (Author) [Internal PhD student] [UKOMFKDMFI] (100%): **Ako s nami komunikujú roboty? Prekoncepty žiakov vo veku 11 až 13 rokov** : Pilotná štúdia. – text.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Bože, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 136-140 [online]

Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[contribution from event]
Lit.: 9
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_205 / Sučák, Karol (Author) [Internal PhD student] [UKOMFKJFB] (25%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (25%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (25%) - Bobáľ, Boris (Author) [Internal PhD student] [UKOMFKJFB] (25%): **Stanovenie veku artefaktov pomocou urýchľovačovej hmotnostnej spektrometrie a prvkového zloženia vzoriek**. – text, photographs, graphs, tables.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 236-243 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 4
[contribution from event]
Lit.: 18
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

V2_206 / Sukeľová, Tatiana (Author) [Internal PhD student] [UKOMFKDMFI] (60%) - Velmovská, Klára (Author) [UKOMFKDMFI] (40%): **Physics Game as a Stimulus for Experimental Activity**. – text. – [reviewed]. – DOI 10.1088/1742-6596/2950/1/012018. – SCO ; OA.
In: *GIREP-EPEC 2023 Conference* (1) [printed document] [electronic document] / Ješková, Zuzana [Compiler] ; Hanč, Jozef [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 2950). – ISSN 1742-6588. – ISSN (online) 1742-6596, s. 1-10 [printed form] [online]
GIREP-EPEC Conference 2023 [Košice, Slovakia, 03.07.2023-07.07.2023]
Number of all authors: 2
[contribution from event]
Lit.: 7
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_207 / Sukeľová, Tatiana (Author) [Internal PhD student] [UKOMFKDMFI] (60%) - Velmovská, Klára (Author)

[UKOMFKDMFI] (40%): **Stimulation of pupils to experimental activities through learning activities**. – text. – [reviewed].
In: *GIREP-EPEC 2025* [electronic document] : Book of Extended Abstracts / Logman, Paul [Compiler]. – 1. vyd. – Leiden (Netherlands) : Universiteit Leiden, 2025. – ISBN (online) 978-94-92496-01-0. – ISBN (wrong) 978-94-9249601-0, s. 546-547 [online]
GIREP-EPEC Conference 2025 [Leiden, Netherlands, 30.06.2025-04.07.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 8
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

V2_208 / Szűcs, Kinga (Author) (50%) - Slavíčková, Mária (Author) [UKOMFKDMFI] (50%): **Gaps in Reasoning and Proving Opportunities Between Expositions and Exercises in Lower Secondary Textbooks Related to Thales' Theorem**. – text, tables, pictures (illustration). – [reviewed].
In: *Proceedings of the Fifth International Conference on Mathematics Textbook Research and Development* [electronic document] / Pepin, Birgit [Compiler] ; Kohanová, Iveta [Compiler] ; Buset Langfeldt, Marit [Compiler]. – 1. vyd. – Trondheim (Norway) : Norges teknisk-naturvitenskapelige universitet, 2025. – ISBN (online) 978-82-691902-2-9, s. 389-396 [online]
International Conference on Mathematics Textbook Research and Development, 5 [Trondheim, Norway, 17.06.2025-20.06.2025]
Number of all authors: 2
[contribution from event]
Lit.: 20
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

V2_209 / Ševčík, Sebastián (Author) (50%) - Kysel, Róbert (Author) [UKOMFKAFZM] (50%): **Research of Historical Earthquakes - Earthquakes in the Vicinity of Dobrá Voda in 1930 (Case Study)**. – text, tables, pictures (illustration). – [reviewed].
In: *Proceedings 28th Conference of Slovak Physicists* [printed document] / Džubinská, Andrea [Compiler] ; Reiffers, Marián [Compiler]. – 1. vyd. – Košice (Slovakia) : Slovenská fyzikálna spoločnosť, 2025. – ISBN 978-80-89855-27-8, s. 137-138 [printed form]
Konferencia slovenských fyzikov 2025, 28 [Prešov, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

V2_210 / Štefancová, Elena (Author) [Internal PhD student] [UKOMFKAI] (50%) - Homola, Martin (Author) [UKOMFKAI] (50%): **Fair and Explainable Recommendations**. – text.
In: *AKMIS 2025* [electronic document] : The 4th Workshop on Application of Knowledge Methods in Information Security : Book of abstracts / Balogh, Štefan [Compiler] ; Homola, Martin [Compiler] ; Kenyeres, Martin [Compiler] ; Oliveira, Ítalo [Reviewer] ; Santamaria, Daniele Francesco [Reviewer]. – 1 vyd. – Bratislava (Slovakia) : Slovenská akadémia vied, 2025. – ISBN (online) 978-80-974468-2-6, s. 61-62 [online]
Application of Knowledge Methods in Information Security 2025, 4 [Smolenice, Slovakia, 02.10.2025-04.10.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 7
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_211 / Štefancová, Elena (Author) [Internal PhD student] [UKOMFKAI] (100%): **Towards Transparent Recommender Systems via Argumentation Frameworks**. – text. – [reviewed]. – SCO.
In: *KR 2025 Doctoral Consortium* [electronic document] : Proceedings of the Doctoral Consortium of the 22nd International Conference on Principles of Knowledge Representation and Reasoning (KR-DC 2025) / Ahmetaj, Shqiponja [Compiler] ; Sauerwald, Kai [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4078). – ISSN (online) 1613-0073, s. 58-64 [online]

International Conference on Principles of Knowledge Representation and Reasoning, 22 [Melbourne, Australia, 11.11.2025-17.11.2025]
Number of all authors: 1
[contribution from event]
Lit.: 28
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_212 / Šturc, Michal (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Coupling of dark and baryonic matter in the Milky Way galaxy II**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 10-12 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[contribution from event]
Lit.: 5
[OV 092 Earth and space sciences]
[ŠO 1217]

V2_213 / Šubjaková, Veronika (Author) [UKOMFKJFB] (40%) - Garaiová, M. (Author) (10%) - Holič, R. (Author) (10%) - Hianik, Tibor (Author) [UKOMFKJFB] (5%) - Garaiová, Zuzana (Author) [UKOMFKJFB] (35%): **Development of protocol for covalent functionalization of β-casein micelles with DNA aptamers for potential targeted delivery**. – text, pictures (illustration).
In: *Book of Contributions* [electronic document] : 13th International Conference Structure & Stability of Biomacromolecules / Gažová, Zuzana [Compiler] ; Antošová, A. [Compiler] ; Kubacková, Jana [Compiler] ; Fabriciová, Gabriela [Reviewer] ; Varhač, Rastislav [Reviewer]. – 1. vyd. – Košice (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Ústav experimentálnej fyziky, 2025. – ISBN (online) 978-80-89656-27-1, s. 99-100 [online]
International Conference Structure & Stability of Biomacromolecules 2025, 13 [Košice, Slovakia, 09.09.2025-12.09.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

V2_214 / Takáč, Martin (Author) [UKOMFKAI] (100%): **Asistívna umelá inteligencia a ľudské hodnoty autonómie, úsilia a rozmanitosti**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. [online] Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 1
[contribution from event]
Lit.: 23
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_215 / Tatarevska, Hanna (Author) (50%) - Veis, Pavel (Author) [UKOMFKEF] (50%): **Nanoparticles enhancement LIBS (NELIBS) to correct absorption effects on plasma produced by laser pulses**. – text, graphs, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 171-171 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

V2_216 / Tomcsányiová, Monika (Author) [UKOMFKDMFI] (100%): **Konečný automat a Turingov stroj v úlohách súťaže iBobor** = Finite automata and Turing machine in iBobor competition tasks. – text, pictures (illustration).
In: *New perspectives in informatics education - international proceedings on teaching informatics* [electronic document] / Dudáš, Adam [Compiler] ; Michalíková, Alžbeta [Compiler] ; Voštinár, Patrik [Compiler] ; Škrinárová, Jarmila [Compiler] ; Andrejková, Gabriela [Reviewer] ; Berki, Jan [Reviewer] ; Drábková, Jindra [Reviewer] ; Dudáš, Adam [Reviewer] ; Guniš, Ján [Reviewer] ; Horváthová, Dana [Reviewer] ; Iliaš, Miroslav [Reviewer] ; Jacková, Jana [Reviewer] ; Karabáš, Ján [Reviewer] ; Lovászová, Gabriela [Reviewer] ; Melicherčík, Miroslav [Reviewer] ; Michalíková, Alžbeta [Reviewer] ; Pešat, Pavel [Reviewer] ; Siládi, Vladimir [Reviewer] ; Stoffová, Veronika [Reviewer] ; Škrinárová, Jarmila [Reviewer] ; Šnajder, Ľubomír [Reviewer] ; Trajteľ, Ľudovít [Reviewer] ; Vaníček, Jiří [Reviewer] ; Vagač, Michal [Reviewer] ; Voštinár, Patrik [Reviewer]. – 1. vyd. – Banská Bystrica (Slovakia) : Univerzita Mateja Bela v Banskej Bystrici. Fakulta prírodných vied, 2025. – ISBN (online)

978-80-557-2249-8, s. 65-73 [online]
DidInfo 2025, 30 [Banská Bystrica, Slovakia, 26.03.2025-28.03.2025]
Number of all authors: 1
[contribution from event]
Lit.: 9
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

V2_217 / Tomcsányiová, Monika (Author) [UKOMFKDMFI] (100%): **Boosting ICT and Coding Skills with Online Escape Games in Secondary Education**. – text. – [reviewed]. – DOI 10.21125/inted.2025.0371.
In: *INTED2025* [electronic document] : conference proceedings : 19th International Technology, Education and Development Conference / Chova, Luis Goméz [Compiler] ; González Martínez, Chelo [Compiler] ; Lees, Joanna [Compiler]. – 1. vyd. – Valencia (Spain) : IATED, 2025. – (INTED Proceedings, ISSN 2340-1079). – ISBN (online) 978-84-09-70107-0. – ISSN 2340-1079, s. 1125-1131 [online]
International Technology, Education and Development Conference, 19 [Valencia, Spain, 03.03.2025-05.03.2025]
Number of all authors: 1
[contribution from event]
Lit.: 9
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]
Indicator:
Nordic List: 0 - 2024

V2_218 / Tuch, Filip (Author) (50%) - Ostertág, Richard (Author of correspondence) [UKOMFKI] (50%): **Reconstruction of the image captured by TempestSDR**. – text, tables, pictures (illustration). – [reviewed].
In: *ITAT 2025* [electronic document] : Information Technologies - Applications and Theory 2025 : Proceedings / Ciencialová, Lucie [Compiler] ; Čechová, Monika [Compiler] ; Denti, Luca [Compiler] ; Holeňa, Martin [Compiler] ; Mráz, František [Compiler] ; Ostertág, Richard [Compiler] ; Pardubská, Dana [Compiler] ; Plátek, Martin [Compiler] ; Stanek, Martin [Compiler]. – 1. vyd. – Aachen (Germany) : CEUR-WS, 2025. – (CEUR Workshop Proceedings, ISSN 1613-0073 ; 4092). – ISSN (online) 1613-0073, s. 369-378 [online]
Information Technologies - Applications and Theory, 25 [Telgárt, Slovakia, 26.09.2025-30.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 13
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Indicator:
SNIP: 0,231 - 2024
SJR: 0,166 - 2024
CiteScore: 0,9 - 2024

V2_219 / Tuch, Filip (Author) (50%) - Ostertág, Richard (Author) [UKOMFKI] (50%): **Rekonštrukcia obrazu zachyteného pomocou TempestSDR**. – text, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš

[Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 229-229 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 4
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_220 / Tzamos, Charalambos (Author) (14.29%) - Kocur, Viktor (Author) (14.285%) - Ding, Yaqing (Author) (14.285%) - Barath, Daniel (Author) (14.285%) - Berger Haladová, Zuzana (Author) [UKOMFKAI] (14.285%) - Sattler, Torsten (Author) (14.285%) - Kúkelová, Zuzana (Author) (14.285%): **Practical solutions to the relative pose of three calibrated cameras**. – text. – [reviewed]. – DOI 10.1109/CVPR52734.2025.02041. – SCO ; WOS CC ; CPCI-S.
In: *2025 IEEE/CVF Conference on Computer Vision and Pattern Recognition - CVPR 2025* [printed document] [electronic document] : Proceedings / [bez zostavovateľa] [Compiler]. – 1. vyd. – Los Alamitos (United States) : Institute of Electrical and Electronics Engineers, 2025. – ISBN (online) 979-8-3315-4364-8. – ISSN 1063-6919. – ISSN (online) 2575-7075, s. 21913-21923 [printed form] [online]
Computer Vision and Pattern Recognition [Nashville, United States, 10.06.2025-17.06.2025]
Number of all authors: 7
[contribution from event]
Lit.: 58
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_221 / Tzamos, Charalambos (Author) (20%) - Kocur, Viktor (Author) (20%) - Ding, Yaqing (Author) (20%) - Sattler, Torsten (Author) (20%) - Kúkelová, Zuzana (Author) (20%): **Are Minimal Radial Distortion Solvers Necessary for Relative Pose Estimation?**. – text. – [reviewed]. – DOI 10.1007/978-3-031-91569-7_7. – SCO ; WOS CC ; CPCI-S.
In: *Computer Vision – ECCV 2024 Workshops* (Part 1) [printed document] [electronic document] / Del Blue, Alessio [Compiler] ; Canton, Cristian [Compiler] ; Pont-Tuset, Jordi [Compiler] ; Tommasi, Tatiana [Compiler]. – 1. vyd. – Cham (Switzerland) : Springer Nature. Springer, 2025. – (Lecture Notes in Computer Science, ISSN 0302-9743, ISSN 1611-3349 ; 15623). – ISBN 978-3-031-91568-0. – ISBN (online) 978-3-031-91569-7, s. 91-107 [printed form] [online]
European Conference on Computer Vision, 18 [Miláno, Italy, 24.09.2024-04.10.2024]
Number of all authors: 5
[contribution from event]
Lit.: 44
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

Quartile Q:
2024, Scimago - Computer science (miscellaneous) - ; **2024, Scimago** - Theoretical computer science -

V2_222 / Veis, Pavel (Author) [UKOMFKEF] (25%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (25%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (25%) - Veis, Matej (Author) [UKOMFKEF] (25%): **Diagnostic of Tungsten PS Laser Induced Plasma Produced under Air at Atmospheric Pressure**. – text. – [reviewed].
In: *Proceedings of the International Conference on Advances in Electronic and Photonic Technologies* [printed document] / Jandura, Daniel [Compiler] ; Lettrichová, Ivana [Compiler]. – 1. vyd. – Žilina (Slovakia) : Žilinská univerzita v Žiline. Vydavateľstvo EDIS, 2025. – ISBN 978-80-554-2208-4, s. 239-242 [printed form]
Advances in Electronic and Photonic Technologies, 13 [Podbanské, Slovakia, 15.06.2025-18.06.2025]
Number of all authors: 4
[contribution from event]
Lit.: 21
[OV 091 Physics]
[ŠO 1160]

V2_223 / Veis, Pavel (Author) [UKOMFKEF] (12.5%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (12.5%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (12.5%) - Veis, Matej (Author) [UKOMFKEF] (12.5%) - Butvinová, Beata (Author) (12.5%) - Janotová, Irena (Author) (12.5%) - Janičkovič, Dušan (Author) (12.5%) - Švec, Peter (Author) (12.5%): **LIBS Diagnostic of FeCoB Based Amorphous Alloys for Future Minor Additives Quantification**. – text. – [reviewed].
In: *Proceedings of the International Conference on Advances in Electronic and Photonic Technologies* [printed document] / Jandura, Daniel [Compiler] ; Lettrichová, Ivana [Compiler]. – 1. vyd. – Žilina (Slovakia) : Žilinská univerzita v Žiline. Vydavateľstvo EDIS, 2025. – ISBN 978-80-554-2208-4, s. 247-250 [printed form]
Advances in Electronic and Photonic Technologies, 13 [Podbanské, Slovakia, 15.06.2025-18.06.2025]
Number of all authors: 8
[contribution from event]
Lit.: 14
[OV 091 Physics]
[ŠO 1160]

V2_224 / Velmovská, Klára (Author) [UKOMFKDMFI] (100%): **Critical Reading in Physics Lessons**. – text. – [reviewed]. – DOI 10.1088/1742-6596/2950/1/012005. – SCO ; OA.
In: *GIREP-EPEC 2023 Conference* (1) [printed document] [electronic document] / Ješková, Zuzana [Compiler] ; Hanč, Jozef [Compiler]. – 1. vyd. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing, 2025. – (Journal of Physics : Conference Series, ISSN 1742-6588, ISSN 1742-6596 ; Volume 2950). – ISSN 1742-6588. – ISSN (online) 1742-6596, s. 1-10 [printed form] [online]
GIREP-EPEC Conference 2023 [Košice, Slovakia, 03.07.2023-07.07.2023]
Number of all authors: 1
[contribution from event]
Lit.: 13
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Indicator:
SNIP: 0,31 - 2024
SJR: 0,187 - 2024
CiteScore: 1,3 - 2024

V2_225 / Velmovská, Klára (Author) [UKOMFKDMFI] (100%): **From observation to abstraction: empirical strategies in physics education in Slovakia**. – text, pictures (illustration). – [reviewed].
In: *3rd International Conference on Physics and Related Science Education* [printed document] : Proceedings of ICPRSE 2025 / Obradovic, Bratislav [Compiler] ; Radulović, Branka [Compiler]. – 1. vyd. – Belehrad (Serbia) : Balkan Physical Union. Serbian Physical Society, 2025. – ISBN 978-86-86169-12-9, s. 12-17 [printed form]
Physics and Related Science Education, 3 [Divčibare, Serbia, 29.10.2025-01.11.2025]
Number of all authors: 1
[contribution from event]
Lit.: 8
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

V2_226 / Vita, Dennis (Author) (50%) - Ostertág, Richard (Author) [UKOMFKI] (50%): **Hardvérové MITM útoky na komunikáciu po zberniciach**. – text, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Bože, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršśák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita

[Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 230-230 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 3
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_227 / Vörös, Tomáš (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **A GUI tool for modelling of the atmospheric flight of meteors**. – text, graphs, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 36-41 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 1
[contribution from event]
Lit.: 8
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]

V2_228 / Vozár, Martin (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Dekompozícia polí meteorologických veličín metódami strojového učenia**. – text, graphs, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ;

Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Krššák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 13-25 [online]
Študentská vedecká konferencia 2025 [Nitra, Slovakia, 09.04.2025]
Number of all authors: 1
[contribution from event]
Lit.: 27
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]

V2_229 / Vrablec, Richard (Author) (50%) - Grančič, Branislav (Author) [UKOMFCENAM] (50%): **Štruktúra a vlastnosti TiB1+x vrstiev**. – text, tables, pictures (illustration).
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Krššák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 199-199 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

V2_230 / Zahid, Rida (Author) [Internal PhD student] [UKOPRCAG] (33.334%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (33.333%) - Motola, Martin (Author) [UKOPRCAG] (33.333%): **Neodymium-HMT MOF@TiO2 Nanotubes** : A Highly Efficient Photocatalyst for Pollutant Degradation. – text, graphs, pictures (illustration). – [reviewed].
In: *Študentská vedecká konferencia PriF UK 2025* [electronic document] : zborník recenzovaných príspevkov / Chovancová, Mária [Compiler] ; Sebechlebská, Táňa [Compiler] ; Kostoláni, Dominik [Compiler] ; Juračka,

Dominik [Compiler] ; Šmida, Dominik [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6080-7, s. 954-958 [online]
Študentská vedecká konferencia PriF UK [Bratislava, Slovakia, 30.04.2025]
Number of all authors: 3
[contribution from event]
Lit.: 7
[OV 091 Physics - OV 120 Chemistry, chemical technology and biotechnology]
[ŠO 1160 - ŠO 1420]

V2_231 / Zahradník, Adam (Author) (50%) - Šuppa, Marek (Author) [External PhD student] [UKOMFKAI] (50%): **Trojsten Benchmark: Evaluating LLM Problem-Solving in Slovak STEM Competition Problems**. – text, pictures (illustration). – [reviewed]. – DOI 10.18653/v1/2025.emnlp-main.1779.
In: *The 2025 Conference on Empirical Methods in Natural Language Processing* [electronic document] : Proceedings of the Conference / Christodoulopoulos, Christos [Compiler] ; Chakraborty, Tanmoy [Compiler] ; Rose, Carolyn [Compiler] ; Peng, Violet [Compiler]. – 1. vyd. – Kerrville (United States) : Association for Computational Linguistics, 2025. – ISBN (online) 979-8-89176-332-6, s. 35095-35110 [online]
Empirical Methods in Natural Language Processing [Suzhou, China, 04.09.2025-09.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 31
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_232 / Zacharová, Karin (Author) (50%) - Demkanin, Peter (Author) [UKOMFKDMFI] (50%): **Komentované riešenie úloh vo fyzike gymnázia**. – text, graphs.
In: *Študentská vedecká konferencia FMFI UK, Bratislava, 2025* [electronic document] : Zborník príspevkov / Guričan, Jaroslav [Compiler] ; Tekel, Juraj [Compiler] ; Babincová, Melánia [Reviewer] ; Baláž, Andrej [Reviewer] ; Bartoš, Pavol [Reviewer] ; Bartošovič, Lukáš [Reviewer] ; Berger Haladová, Zuzana [Reviewer] ; Bezáková, Daniela [Reviewer] ; Bokes, Pavol [Reviewer] ; Boža, Vladimír [Reviewer] ; Brejová, Bronislava [Reviewer] ; Budinská, Lucia [Reviewer] ; Budiš, Jaroslav [Reviewer] ; Bukor, Benedek [Reviewer] ; Čechová, Katarína [Reviewer] ; Černeková, Zuzana [Reviewer] ; Červeňová, Daša [Reviewer] ; Chrobáková, Žofia [Reviewer] ; Čujdíková, Mária [Reviewer] ; Damborská, Ingrid [Reviewer] ; Dillingerová, Monika [Reviewer] ; Dvornický, Rastislav [Reviewer] ; Fecko, Marián [Reviewer] ; Fiantok, Tomáš [Reviewer] ; Gajdošech, Lukáš [Reviewer] ; Gejdošová, Barbora [Reviewer] ; Gera, Martin [Reviewer] ; Gregor, Maroš [Reviewer] ; Greguš, Ján [Reviewer] ; Guller, Dušan [Reviewer] ; Harman, Radoslav [Reviewer] ; Herman, František [Reviewer] ; Homola, Martin [Reviewer] ; Horňáčková, Michaela [Reviewer] ; Janáček, Jaroslav [Reviewer] ; Janda, Mário [Reviewer] ; Jánošková, Katarína [Reviewer] ; Klačka, Jozef [Reviewer] ; Kollár, Richard [Reviewer] ; Kornoš, Leonard [Reviewer] ; Kostoláni, Dominik [Reviewer] ; Kozánek Kiss, Tünde [Reviewer] ; Kršňák, Martin [Reviewer] ; Kubáček, Zbyněk [Reviewer] ; Kubincová, Zuzana [Reviewer] ; Lapin, Milan [Reviewer] ; Mačajová, Edita [Reviewer] ; Matlovič, Pavol [Reviewer] ; Mazák, Ján [Reviewer] ; Melo, Marián [Reviewer] ; Mészáros, Peter [Reviewer] ; Mihala, Patrik [Reviewer] ; Mihálik, Andrej [Reviewer] ; Miková, Karolína [Reviewer] ; Mikula, Marián [Reviewer] ; Mlynárik, Vladimír [Reviewer] ; Niepel, Martin [Reviewer] ; Pardubská, Dana [Reviewer] ; Rosa, Samuel [Reviewer] ; Sedlák, Michal [Reviewer] ; Šimkovic, Fedor [Reviewer] ; Šinger, Miroslav [Reviewer] ; Škriniarová, Jaroslava [Reviewer] ; Slavíčková, Mária [Reviewer] ; Sleziak, Martin [Reviewer] ; Staňo, Luboš [Reviewer] ; Šubjaková, Veronika [Reviewer] ; Sýkora, Ivan [Reviewer] ; Tóth, Juraj [Reviewer] ; Urbina Medina, Ivan Alexander [Reviewer] ; Vankúš, Peter [Reviewer] ; Velmovská, Klára [Reviewer] ; Venhart, Martin [Reviewer] ; Zaujec, Viktor [Reviewer] ; Ziman, Mário [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – ISBN (online) 978-80-8147-165-0, s. 117-117 [online]
Študentská vedecká konferencia FMFI UK 2025 [Bratislava, Slovakia, 09.04.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 3
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 1160 - ŠO 7605]

V2_233 / Zaujec, Viktor (Author) [Internal PhD student] [UKOMFKTF] (45%) - Maták, Peter (Author) [UKOMFKTF] (45%) - Blažek, Tomáš (Author) [UKOMFKTF] (10%): **Thermal effects in CPT and unitarity constraints for higher-order CP asymmetries**. – text. – DOI 10.22323/1.476.0722.
In: *42nd International Conference on High Energy Physics* [electronic document] / Adam, Jaroslav [Compiler] ;

Adamová, Dagmar [Compiler] ; Balek, Petr [Compiler]. – [reviewed]. – 1. vyd. – Terst (Italy) : Sissa Medialab, 2025. – (Proceedings of Science, ISSN 1824-8039 ; Vol. 476), s. [1-3] [online]
International Conference on High Energy Physics, 42 [Praha, Czech Republic, 18.07.2024-27.07.2024]
Number of all authors: 3
[poster from event - PP]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]
Indicator:
SNIP: 0,096 - 2024
SJR: 0,126 - 2024
CiteScore: 0,3 - 2024

V2_234 / Zigo, Branislav (Author) [Internal PhD student] [UKOMFKAI] (100%): **Scene Perception and Narrative Understanding by Multimodal Large Language Models**. – text.
In: *Kognícia a Umelý Život* [electronic document] / Farkaš, Igor [Compiler] ; Takáč, Martin [Compiler] ; Malinovská, Kristína [Compiler] ; Zigo, Branislav [Compiler] ; Bečková, Iveta [Reviewer] ; Beňušková, Ľubica [Reviewer] ; Boža, Vladimír [Reviewer] ; Cienciala, Luděk [Reviewer] ; Gál, Tomáš [Reviewer] ; Hvorecký, Juraj [Reviewer] ; Kocur, Viktor [Reviewer] ; Marko, Martin [Reviewer] ; Markošová, Mária [Reviewer] ; Pócoš, Štefan [Reviewer] ; Poslon, Xenia-Daniela [Reviewer] ; Rybár, Ján [Reviewer] ; Špajdel, Marián [Reviewer]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6081-4, s. 127-132 [online]
Kognícia a Umelý Život 2025, 23 [Piešťany, Slovakia, 21.05.2025-23.05.2025]
Number of all authors: 1
[contribution from event]
Lit.: 13
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V2_235 / Zimka, Rudolf (Author) (30%) - Demetrian, Michal (Author) [UKOMFKMANM] (30%) - Zimková, Emília (Author) [UMBEF04] (30%) - Kyseľová, Katarína (Author) (10%): **On the existence of stability corridors in a model of central banking**. – text, graphs. – [reviewed].
In: *The 19th International Days of Statistics and Economics* [electronic document] : conference proceedings / Löster, Tomáš [Compiler] ; Pavelka, Tomáš [Compiler]. – 1. vyd. – Slaný (Czech Republic) : Libuše Macáková, MELANDRIUM, 2025. – ISBN (online) 978-80-87990-35-3, s. 416-425 [online]
International Days of Statistics and Economics, 19 [Praha, Czech Republic, 04.09.2025-05.09.2025]
Number of all authors: 4
[contribution from event]
Lit.: 11
[OV 080 Economics and management - OV 240 Mathematics and statistics]
[ŠO 6213 - ŠO 1113]

V3
Počet výstupov: 398

V3_001 / NA62 Collaboration [Author corporation] ; Cortina Gil, Eduardo (Member of corporation) (0.605%) - Jerhot, Jan (Member of corporation) (0.515%) - Lurkin, Nicolas (Member of corporation) (0.515%) - Numao, Toshio (Member of corporation) (0.515%) - Velghe, Bob (Member of corporation) (0.515%) - Blažek, Tomáš (Member of corporation) [UKOMFKTF] (0.515%) - Černý, Vladimír (Member of corporation) (0.515%) - Veľas, Tomáš (Member of corporation) [Internal PhD student] [UKOMFKTF] (0.515%) - Volpe, Roberta (Member of corporation) (0.515%) - Kučerová, Zuzana (Member of corporation) [UKOMFKTF] (0.515%): **First detection of a tagged neutrino in the NA62 experiment**. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139345. – OA ; SCO ; SCIE ; WOS CC ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 863 (2025), art. no. 139345, s. 1-9 [printed form] [online]
Number of all authors: 194
[article]
Lit.: 28
[OV 091 Physics]
[ŠO 1160]

Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_002 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.725%) - Adamová, Dagmar (Member of corporation) (0.095%) - Adler, A. (Member of corporation) (0.095%) - Aglieri Rinella, G. (Member of corporation) (0.095%) - Agnello, M. (Member of corporation) (0.095%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.095%) - Bombara, Marek (Member of corporation) [UPS14201] (0.095%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.095%) - Reščáková, Zuzana (Member of corporation) [Internal PhD student] [UPS14201] (0.095%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.095%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.095%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.095%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.095%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.095%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.095%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.095%) - Sitár, Branislav (Member of corporation) (0.095%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.095%) - Jadlovská, Slávka (Member of corporation) [106005] (0.095%) - Jadlovský, Ján (Member of corporation) [104004] (0.095%) - Tkáčik, Tomáš (Member of corporation) (0.095%): **Multiplicity dependence of ϒ production at forward rapidity in pp collisions at s=13 TeV** [Multiplicity dependence of Y production at forward rapidity in pp collisions at √s = 13 TeV] [Multiplicity dependence of Gamma production at forward rapidity in pp collisions at s=13 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.nuclphysb.2024.116786. – sign UPJS SSEP 025288. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Nuclear Physics B* [printed document] [electronic document] : Theoretical, Phenomenological, and Experimental High Energy Physics. Quantum Field Theory and Statistical Systems. . – Amsterdam (Netherlands) : Elsevier. – ISSN 0550-3213. – ISSN (online) 1873-1562. – č. 1011 (2025), art.no. 116786, s. [1-20] [printed form] [online]
Number of all authors: 1046
[article]
Lit.: 68
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 2.8 - 2024
SNIP: 0,883 - 2024
SJR: 0,868 - 2024
CiteScore: 5,2 - 2024
AIS: 0.702 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_003 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.64%) - Adamová, Dagmar (Member of corporation) (0.092%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Reščáková, Zuzana (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) [Internal PhD student] [104004] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%): **Rapidity dependence of antideuteron coalescence in pp collisions at s=13 TeV with ALICE** [Rapidity dependence of antideuteron coalescence in pp collisions at √s

= 13 TeV with ALICE]. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physletb.2024.139191. – sign UPJS SSEP 025260. – SCO ; WOS CC ; CCC ; SCIE ; OA.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 860 (2025), art.no. 139191, s. [1-14] [printed form] [online]
Number of all authors: 1081
[article]
Lit.: 84
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_004 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.548%) - Adamová, Dagmar (Member of corporation) (0.092%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Reščáková, Zuzana (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.092%): **Measurement of HΛ3 production in Pb–Pb collisions at sNN=5.02 TeV** [Measurement of 3ΛH production in Pb-Pb collisions at √sNN = 5.02 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2024.139066. – sign UPJS SSEP 025261. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 860 (2025), art. no. 139066, s. [1-13] [printed form] [online]
Number of all authors: 1082
[article]
Lit.: 73
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_005 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (1.048%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Aglietta, Luca (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) -

Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%) - Jadlovská, Slávka (Member of corporation) [106005] (0.093%) - Jadlovský, Ján (Member of corporation) [104004] (0.093%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.093%) - Tkáčik, Tomáš (Member of corporation) (0.093%) - Tkáčik, Milan (Member of corporation) (0.093%): **Medium-induced modification of groomed and ungroomed jet mass and angularities in Pb–Pb collisions at sNN=5.02 TeV** [Medium-induced modification of groomed and ungroomed jet mass and angularities in Pb–Pb collisions at √sNN = 5.02 Te V]. – text, graphs. – [reviewed]. – DOI 10.1016/j.physletb.2025.139409. – sign UPJS SSEP 025582. – SCO ; CCC ; WOS CC ; SCIE ; OA.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 864 (2025), art. no. 139409, s. 1-13 [printed form] [online]
Number of all authors: 1065
[article]
Lit.: 73
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_006 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (1.105%) - Adamová, Dagmar (Member of corporation) (0.095%) - Adler, A. (Member of corporation) (0.095%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.095%) - Agnello, M. (Member of corporation) (0.095%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.095%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.095%) - Bombara, Marek (Member of corporation) [UPS14201] (0.095%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.095%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.095%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.095%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.095%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.095%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.095%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.095%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.095%) - Sitár, Branislav (Member of corporation) (0.095%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.095%) - Jadlovská, Slávka (Member of corporation) [106005] (0.095%) - Jadlovský, Ján (Member of corporation) [104004] (0.095%) - Tkáčik, Tomáš (Member of corporation) (0.095%): **First polarisation measurement of coherently photoproduced J/ψ in ultra-peripheral Pb–Pb collisions at sNN=5.02 TeV** [First polarisation measurement of coherently photoproduced J/ψ in ultra-peripheral Pb-Pb collisions at √sNN=5.02 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139466. – sign UPJS SSEP 025581. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 865 (2025), art. no. 139466, s. [1-12] [printed form] [online]
Number of all authors: 1042
[article]
Lit.: 49
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024

AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_007 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.548%) - Adamová, Dagmar (Member of corporation) (0.092%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.427%) - Jadlovský, Ján (Member of corporation) [104004] (0.091%) - Tkáčik, Tomáš (Member of corporation) (0.091%) - Tkáčik, Milan (Member of corporation) (0.091%): **Measurement of the inclusive isolated-photon production cross section in pp collisions at √s=13 TeV** [Measurement of the inclusive isolated-photon production cross section in pp collisions at (Formula presented.) TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-024-13506-x. – sign UPJS SSEP 025586. – SCO ; CCC ; WOS CC ; SCIE ; OA.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 1 (2025), art. no. 98, s. [1-24] [printed form] [online]
Number of all authors: 1090
[article]
Lit.: 52
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_008 / NA62 Collaboration [Author corporation] ; Cortina Gil, Eduardo (Member of corporation) (0.628%) - Jerhot, Jan (Member of corporation) (0.507%) - Lurkin, Nicolas (Member of corporation) (0.507%) - Numao,, T. (Member of corporation) (0.507%) - Velghe, Bob (Member of corporation) (0.507%) - Blažek, Tomáš (Member of corporation) [UKOMFKTF] (0.507%) - Černý, Vladimír (Member of corporation) (0.507%) - Veľas, Tomáš (Member of corporation) [Internal PhD student] [UKOMFKTF] (0.507%) - Volpe, Roberta (Member of corporation) (0.507%) - Kučerová, Zuzana (Member of corporation) [UKOMFKTF] (0.507%): **Observation of the $K^+ \to \pi^+ \nu\bar{\nu}$ decay and measurement of its branching ratio** [Observation of the K+ to pi+ nu nubar decay and measurement of its branching ratio] [Observation of the $K^+ \to \pi^+ \nu(\nu)$over-bar decay and measurement of its branching ratio] [Observation of the $K^+ \to$ pi $+\nu\nu^-$ decay and measurement of its branching ratio]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP02(2025)191. – SCO ; WOS CC ; SCIE ; OA ; CCC ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 2 (2025), art. no. 191, s. 1-25 [online] [printed form] [CD-ROM]
Number of all authors: 197
[article]
Lit.: 31
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:

IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_009 / NA62 Collaboration [Author corporation] ; Cortina Gil, Eduardo (Member of corporation) (0.628%) - Jerhot, Jan (Member of corporation) (0.507%) - Lurkin, Nicolas (Member of corporation) (0.507%) - Numao,, T. (Member of corporation) (0.507%) - Velghe, Bob (Member of corporation) (0.507%) - Blažek, Tomáš (Member of corporation) [UKOMFKTF] (0.507%) - Černý, Vladimír (Member of corporation) (0.507%) - Veľas, Tomáš (Member of corporation) [Internal PhD student] [UKOMFKTF] (0.507%) - Volpe, Roberta (Member of corporation) (0.507%) - Kučerová, Zuzana (Member of corporation) [UKOMFKTF] (0.507%): **Search for hadronic decays of feebly-interacting particles at NA62**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14133-w. – WOS CC ; CCC ; SCIE ; OA ; SCO ; Nature Index.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 5 (2025), art. no. 571, s. 1-12 [printed form] [online]
Number of all authors: 197
[article]
Lit.: 41
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_010 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.732%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, M. (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%) - Tkáčik, Milan (Member of corporation) (0.092%): **Measurement of f1(1285) production in pp collisions at s = 13 TeV** = Measurement of f1(1285) production in pp collisions at √ s = 13 TeV. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139562. – sign UPJS SSEP 025587. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – Roč. 866, č. júl (2025), art. no. 139562, s. [1-15] [printed form] [online]
Number of all authors: 1080
[article]
Lit.: 92
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024

SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_011 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.862%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Aglietta, Luca (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%) - Jadlovská, Slávka (Member of corporation) [106005] (0.093%) - Jadlovský, Ján (Member of corporation) [104004] (0.093%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.093%) - Tkáčik, Tomáš (Member of corporation) (0.093%) - Tkáčik, Milan (Member of corporation) (0.093%): **Proton emission in ultraperipheral Pb-Pb collisions at sNN=5.02 TeV** [Proton emission in ultraperipheral Pb-Pb collisions at √ sNN=5.02 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/PhysRevC.111.054906. – sign UPJS SSEP 025588. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 111, č. 5 (2025), art. no. 054906, s. [1-18] [printed form] [online] [CD-ROM]
Number of all authors: 1067
[article]
Lit.: 45
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_012 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (1.083%) - Adamová, Dagmar (Member of corporation) (0.091%) - Agarwal, A. (Member of corporation) (0.091%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.091%) - Aglietta, Luca (Member of corporation) (0.091%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Bombara, Marek (Member of corporation) [UPS14201] (0.091%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.091%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.091%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.091%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.091%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.091%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.091%) - Sitár, Branislav (Member of corporation) (0.091%) - Jadlovská, Slávka (Member of corporation) [106005] (0.091%) - Jadlovský, Ján (Member of corporation) [104004] (0.091%) - Tkáčik, Tomáš (Member of corporation) (0.091%): **Particle production as a function of charged-particle flattenicity in pp collisions at s =13 TeV** [Particle production as a function of charged-particle flattenicity in p×p collisions at √s=13 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/PhysRevD.111.012010. – sign UPJS SSEP 025590. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 111, č. 1 (2025), art. no. 012010, s. [1-22] [printed form] [online]

Number of all authors: 1088
[article]
Lit.: 70
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_013 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.676%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Aglietta, Luca (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%) - Jadlovská, Slávka (Member of corporation) [106005] (0.093%) - Jadlovský, Ján (Member of corporation) [104004] (0.093%) - Tkáčik, Tomáš (Member of corporation) (0.093%) - Tkáčik, Milan (Member of corporation) (0.093%):
Direct-photon production in inelastic and high-multiplicity proton–proton collisions at s = 13 TeV =
Direct-photon production in inelastic and high-multiplicity proton–proton collisions at √s=13 TeV. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139645. – sign UPJS SSEP 025737. – SCO ; SCIE ; WOS CC ; CCC ; OA.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 868 (2025), art.no. 139645, s. [1-16] [printed form] [online]
Number of all authors: 1069
[article]
Lit.: 97
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_014 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.583%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Aglietta, Luca (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student]

[UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%) - Jadlovská, Slávka (Member of corporation) [106005] (0.093%) - Jadlovský, Ján (Member of corporation) [104004] (0.093%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.093%) - Tkáčik, Tomáš (Member of corporation) (0.093%) - Tkáčik, Milan (Member of corporation) (0.093%): **Studying charm hadronisation into baryons with azimuthal correlations of Λc+ with charged particles in pp collisions at s=13 TeV** = Studying charm hadronisation into baryons with azimuthal correlations of Λ+ c with charged particles in pp collisions at √s=13TeV. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139681. – sign UPJS SSEP 025736. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 868 (2025), art. no. 139681, s. [1-18] [printed form] [online]
Number of all authors: 1070
[article]
Lit.: 51
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_015 / ALICE Collaboration [Author corporation] ; Acharya, Shreyasi (Member of corporation) (0.18%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, Michelangelo (Member of corporation) (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%) - Tkáčik, Milan (Member of corporation) (0.092%): **First measurement of Ds1(1+)(2536)+ and Ds2*(2*)(2573)* production in proton-proton collisions at √s=13 TeV at the LHC** [First measurement of (Formula presented) and (Formula presented) production in proton-proton collisions at (Formula presented) at the LHC] [First measurement of Ds1(1+)(2536)+ and D*s2 (2+)(2573)+ production in proton-proton collisions at √S=13S2Te V at the LHC]. – text, graphs. – [reviewed]. – DOI 10.1103/PhysRevD.111.112005. – sign UPJS SSEP 026031. – SCO ; SCIE ; WOS CC ; CCC ; OA.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 111, č. 11 (2025), art. no. 112005, s. 1-16 [printed form] [online]
Number of all authors: 1086
[article]
Lit.: 68
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:

2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_016 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.955%) - Adamová, D. (Member of corporation) (0.093%) - Aglieri Rinella, G. (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Agrawal, N. (Member of corporation) (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Jadlovská, Slávka (Member of corporation) [106005] (0.093%) - Jadlovský, Ján (Member of corporation) [104004] (0.093%) - Tkáčik, Tomáš (Member of corporation) (0.093%) - Tkáčik, Milan (Member of corporation) (0.093%): **Common femtoscopic hadron-emission source in pp collisions at the LHC**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-13793-y. – sign UPJS SSEP 026033. – WOS CC ; SCO ; SCIE ; CCC ; OA.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 2 (2025), art. no. 198, s. 1-23 [printed form] [online]
Number of all authors: 1066
[article]
Lit.: 41
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_017 / ALICE Collaboration [Author corporation] ; Acharya, Shreyasi (Member of corporation) (0.732%) - Adamová, Dagmar (Member of corporation) (0.092%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%) - Tkáčik, Milan (Member of corporation) (0.092%): **Measurement of ω meson production in pp collisions at √s=13 TeV** [Measurement of ω meson production in pp collisions at s = 13 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP04(2025)067. – sign UPJS SSEP 026050. – SCO ; Nature Index ; WOS CC ; SCIE ; CCC ; OA.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 4 (2025), art. no. 067, s. 1-29 [online] [printed form] [CD-ROM]
Number of all authors: 1080
[article]
Lit.: 63
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]

[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_018 / ALICE Collaboration [Author corporation] ; Acharya, Shreyasi (Member of corporation) (0.992%) - Agarwal, A. (Member of corporation) (0.091%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.091%) - Aglietta, Luca (Member of corporation) (0.091%) - Agnello, Michelangelo (Member of corporation) (0.091%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.091%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.091%) - Sitár, Branislav (Member of corporation) (0.091%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Bombara, Marek (Member of corporation) [UPS14201] (0.091%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.091%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.091%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.091%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.091%) - Jadlovská, Slávka (Member of corporation) [106005] (0.091%) - Jadlovský, Ján (Member of corporation) [104004] (0.091%) - Tkáčik, Tomáš (Member of corporation) (0.091%) - Tkáčik, Milan (Member of corporation) (0.091%): **First observation of strange baryon enhancement with effective energy in pp collisions at the LHC**. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP03(2025)029. – sign UPJS SSEP 026038. – WOS CC ; Nature Index ; SCIE ; CCC ; SCO ; OA.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – č. 3 (2025), art. no. 029, s. 1-43 [online] [printed form] [CD-ROM]
Number of all authors: 1089
[article]
Lit.: 52
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_019 / ALICE Collaboration [Author corporation] ; Acharya, Shreyasi (Member of corporation) (0.548%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, Michelangelo (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%) - Tkáčik, Milan (Member of corporation) (0.092%): **First Measurement of A=4 Hypernuclei and Antihypernuclei at the LHC**. – text, graphs. – [reviewed]. – DOI 10.1103/PhysRevLett.134.162301. – sign UPJS SSEP 025583. – MEDLINE® ; SCO ; WOS CC ; SCIE ; CCC ; OA ; Nature Index.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 134, č. 16

(2025), art. no. 162301, s. 1-16 [printed form] [online]
Number of all authors: 1082
[article]
Lit.: 64
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_020 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.414%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of the top quark mass with the ATLAS detector using $t\bar{t}$ events with a high transverse momentum top quark**. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139608. – SCO ; WOS CC ; CCC ; SCIE ; OA.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 867 (2025), art. no. 139608, s. 1-27 [printed form] [online]
Number of all authors: 2930
[article]
Lit.: 111
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_021 / ATLAS Collaboration [Author corporation] ; Aad, Georges (Member of corporation) (1.128%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, Brad K. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Charged-hadron and identified-hadron (K0 S, Λ, Ξ−) yield measurements in photonuclear Pb+Pb and p+Pb collisions at $\sqrt{s_{NN}}$=5.02TeV with ATLAS** [Charged-hadron and identified-hadron (Kappa 0 S, Lambda, Xi) yield measurements in photonuclear Pb + Pb and p + Pb collisions at sNN = 5.02 TeV with ATLAS]. – text, graphs. – [reviewed]. – DOI 10.1103/7lx4-x8rw. – OA ; SCO ; WOS CC ;

CCC ; SCIE.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 111, č. 6 (2025), art. no. 064908, s. 1-33 [printed form] [online] [CD-ROM]
Number of all authors: 2909
[article]
Lit.: 57
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_022 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.749%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Expected tracking performance of the ATLAS Inner Tracker at the High-Luminosity LHC**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1748-0221/20/02/P02018. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Journal of Instrumentation* [electronic document] : an IOP and SISSA journal. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1748-0221. – Roč. 20, č. 2 (2025), art. no. P02018, s. 1-48 [online]
Number of all authors: 2948
[article]
Lit.: 64
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.3 - 2024
SNIP: 1,081 - 2024
SJR: 0,427 - 2024
CiteScore: 2,3 - 2024
AIS: 0.374 - 2024
Quartile Q:
2024, AIS - Instruments & instrumentation - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Mathematical physics -

V3_023 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.881%) - Abbott, B. (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Abicht, N. J. (Member of corporation) (0.033%) - Abidi, Syed Hani (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Search for a new scalar decaying into new spin-1 bosons in four-lepton final states with the ATLAS detector**. – text, graphs. – [reviewed]. – DOI 10.1016/j.physletb.2025.139472. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 865 (2025), art. no. 139472, s. 1-24 [printed form] [online]
Number of all authors: 2944

[article]
Lit.: 76
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_024 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.148%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Abicht, N. J. (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **The performance of missing transverse momentum reconstruction and its significance with the ATLAS detector using 140 fb−1 of √s = 13 TeV pp collisions** [The performance of missing transverse momentum reconstruction and its significance with the ATLAS detector using 140 fb−1 of root s = 13 TeV pp collisions]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14062-8. – OA ; SCO ; WOS CC ; CCC ; SCIE ; Nature Index.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 6 (2025), art. no. 606, s. 1-45 [printed form] [online]
Number of all authors: 2879
[article]
Lit.: 69
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_025 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.822%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for tt̄H/A→tt̄tt̄ production in proton–proton collisions at √s=13 TeV with the ATLAS detector** [Search for tt̄H/A→tt̄tt̄ production in proton–proton collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14041-z. – SCO ; OA ; WOS CC ; CCC ; SCIE.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. –

ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 5 (2025), art. no. 573, s. 1-36 [printed form] [online]
Number of all authors: 2918
[article]
Lit.: 121
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_026 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.726%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Abicht, N. J. (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Software and computing for Run 3 of the ATLAS experiment at the LHC**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-024-13701-w. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 3 (2025), art. no. 234, s. 1-117 [printed form] [online]
Number of all authors: 2979
[article]
Lit.: 413
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_027 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.604%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Observation of V V Z production at √s = 13 TeV with the ATLAS detector** [Observation of VVZ production at s=13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139527. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 866 (2025), art. no. 139527, s. 1-27 [printed form] [online]

Number of all authors: 2895
[article]
Lit.: 72
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_028 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.21%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Combination of searches for singly and doubly charged Higgs bosons produced via vector-boson fusion in proton–proton collisions at √s = 13 TeV with the ATLAS detector** [Combination of searches for singly and doubly charged Higgs bosons produced via vector-boson fusion in proton–proton collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2024.139137. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 860 (2025), art. no. 139137, s. 1-21 [printed form] [online]
Number of all authors: 2936
[article]
Lit.: 38
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_029 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.618%) - Abbott, B. (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Abicht, N. J. (Member of corporation) (0.034%) - Abidi, Syed Hani (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for diphoton resonances in the 66 to 110 GeV mass range using pp collisions at √s = 13 TeV with the ATLAS detector** [Search for diphoton resonances in the 66 to 110 GeV mass range using pp collisions at s = 13 TeV with the ATLAS detector] [Search for diphoton resonances in the 66 to 110 GeV mass range using pp collisions at root s = 13 TeV with the ATLAS detector]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP01(2025)053. – WOS CC ; SCIE ; OA ; SCO ; CCC ;

Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 1 (2025), art. no. 053, s. 1-44 [online] [printed form] [CD-ROM]
Number of all authors: 2924
[article]
Lit.: 63
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_030 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.08%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Configuration, Performance, and Commissioning of the ATLAS b-jet Triggers for the 2022 and 2023 LHC data-taking periods**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1748-0221/20/03/P03002. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Journal of Instrumentation* [electronic document] : an IOP and SISSA journal. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1748-0221. – Roč. 20, č. 3 (2025), art. no. P03002, s. 1-44 [online]
Number of all authors: 2881
[article]
Lit.: 72
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.3 - 2024
SNIP: 1,081 - 2024
SJR: 0,427 - 2024
CiteScore: 2,3 - 2024
AIS: 0.374 - 2024
Quartile Q:
2024, AIS - Instruments & instrumentation - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Mathematical physics -

V3_031 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.108%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Constraint on the total width of the Higgs boson from Higgs boson and four-top-quark measurements in pp collisions at √s = 13 TeV with the ATLAS detector** [Constraint on the total width of the Higgs boson from Higgs boson and four-top-quark measurements in pp collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139277. – SCO ; WOS CC ; SCIE ; CCC ; OA.

In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 861 (2025), art. no. 139277, s. 1-21 [printed form] [online]
Number of all authors: 2939
[article]
Lit.: 51
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_032 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.686%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of top-quark pair production in association with charm quarks in proton–proton collisions at √s = 13 TeV with the ATLAS detector** [Measurement of top-quark pair production in association with charm quarks in proton–proton collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physletb.2024.139177. – CCC ; WOS CC ; SCIE ; OA ; SCO.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 860 (2025), art. no. 139177, s. 1-28 [printed form] [online]
Number of all authors: 2922
[article]
Lit.: 98
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_033 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.848%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of

corporation) [UKOMFKJFB] (0.033%): **Measurement of photonuclear jet production in ultraperipheral Pb+Pb collisions at √sNN =5.02 TeV with the ATLAS detector** [Measurement of photonuclear jet production in ultraperipheral Pb+Pb collisions at sNN =5.02 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/PhysRevD.111.052006. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 111, č. 5 (2025), art. no. 052006, s. 1-56 [printed form] [online]
Number of all authors: 2945
[article]
Lit.: 86
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_034 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.686%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for Dark Matter Produced in Association with a Dark Higgs Boson in the bb¯ Final State Using p□p Collisions at √s=13 TeV with the ATLAS Detector** [Search for Dark Matter Produced in Association with a Dark Higgs Boson in the b(b)over-bar Final State Using pp Collisions at s=13 TeV with the ATLAS Detector]. – text, graphs. – [reviewed]. – DOI 10.1103/PhysRevLett.134.121801. – SCIE ; CCC ; OA ; WOS CC ; SCO ; Nature Index.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 134, č. 12 (2025), art. no. 121801, s. 1-24 [printed form] [online]
Number of all authors: 2922
[article]
Lit.: 111
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_035 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.944%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation)

[Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Observation of t$\bar{t}$ Production in Pb+Pb Collisions at √sNN=5.02 TeV with the ATLAS Detector** [Observation of t$\bar{t}$ t Production in Pb+Pb Collisions at sNN=5.02 TeV with the ATLAS Detector] [Observation of t$\bar{t}$ t bar Production in Pb+Pb Collisions at sNN=5.02 TeV with the ATLAS Detector]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1103/PhysRevLett.134.142301. – SCO ; OA ; WOS CC ; SCIE ; CCC ; Nature Index.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 134, č. 14 (2025), art. no. 142301, s. 1-22 [printed form] [online]
Number of all authors: 2885
[article]
Lit.: 70
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_036 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.924%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for a light charged Higgs boson in t → H±b decays, with H± → cs, in pp collisions at √s = 13 TeV with the ATLAS detector** [Search for a light charged Higgs boson in t→H±b decays, with H±→cs, in pp collisions at s=13TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-024-13715-4. – SCO ; SCIE ; CCC ; OA ; WOS CC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 2 (2025), art. no. 153, s. 1-34 [printed form] [online]
Number of all authors: 2915
[article]
Lit.: 127
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_037 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.176%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB]

(0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for light neutral particles decaying promptly into collimated pairs of electrons or muons in pp collisions at √s = 13TeV with the ATLAS detector** [Search for light neutral particles decaying promptly into collimated pairs of electrons or muons in pp collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-13916-5. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 3 (2025), art. no. 335, s. 1-30 [printed form] [online]
Number of all authors: 2937
[article]
Lit.: 112
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_038 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.774%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of the Lund jet plane in hadronic decays of top quarks and W bosons with the ATLAS detector**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-13924-5. – CCC ; SCO ; WOS CC ; SCIE ; OA.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 4 (2025), art. no. 416, s. 1-41 [printed form] [online]
Number of all authors: 2890
[article]
Lit.: 104
[OV 091 Physics]
[ŠO 1160]
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SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
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2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_039 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.346%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal

(Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Reconstruction and identification of pairs of collimated τ-leptons decaying hadronically using √ s = 13 TeV pp collision data with the ATLAS detector** [Reconstruction and identification of pairs of collimated τ-leptons decaying hadronically using s=13 TeV pp collision data with the ATLAS detector] [Reconstruction and identification of pairs of collimated tau-leptons decaying hadronically using s=13 TeV pp collision data with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14075-3. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 5 (2025), art. no. 561, s. 1-35 [printed form] [online]
Number of all authors: 2932
[article]
Lit.: 76
[OV 091 Physics]
[ŠO 1160]
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SJR: 1,343 - 2024
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AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_040 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.278%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of tt̄ production in association with additional b-jets in the eμ final state in proton–proton collisions at √s = 13 TeV with the ATLAS detector** = Measurement of t(t)over-bar production in association with additional b-jets in the eμ final state in proton-proton collisions at √s=13 TeV with the ATLAS detector [Measurement of tt¯ production in association with additional b-jets in the eμ final state in proton–proton collisions at s = 13 TeV with the ATLAS detector] [Measurement of tt¯ production in association with additional b-jets in the emí final state in proton–proton collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP01(2025)068. – OA ; SCIE ; CCC ; SCO ; WOS CC ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 1 (2025), art. no. 68, s. 1-76 [online] [printed form] [CD-ROM]
Number of all authors: 2934
[article]
Lit.: 124
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_041 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.482%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for boosted low-mass resonances decaying into hadrons produced in association with a photon in pp collisions at √s=13 TeV with the ATLAS detector** [Search for boosted low-mass resonances decaying into hadrons produced in association with a photon in pp collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP01(2025)099. – SCO ; WOS CC ; SCIE ; CCC ; OA ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 1 (2025), art. no. 099, s. 1-39 [online] [printed form] [CD-ROM]
Number of all authors: 2928
[article]
Lit.: 107
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_042 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.108%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for the associated production of charm quarks and a Higgs boson decaying into a photon pair with the ATLAS detector**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP02(2025)045. – SCO ; WOS CC ; SCIE ; CCC ; OA ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 2 (2025), art. no. 045, s. 1-35 [online] [printed form] [CD-ROM]
Number of all authors: 2939
[article]
Lit.: 69
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_043 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.074%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for single-production of vector-like quarks decaying into Wb in the fully hadronic final state in pp collisions at √s = 13 TeV with the ATLAS detector** [Search for single-production of vector-like quarks decaying into Wb in the fully hadronic final state in pp collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP02(2025)075. – SCO ; WOS CC ; SCIE ; CCC ; OA ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 2 (2025), art. no. 075, s. 1-43 [online] [printed form] [CD-ROM]
Number of all authors: 2940
[article]
Lit.: 94
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
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SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_044 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.55%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for same-charge top-quark pair production in pp collisions at √s = 13 TeV with the ATLAS detector** [Search for same-charge top-quark pair production in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP02(2025)084. – SCO ; WOS CC ; SCIE ; CCC ; OA ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 2 (2025), art. no. 084, s. 1-51 [online] [printed form] [CD-ROM]
Number of all authors: 2926
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Lit.: 98
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
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SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
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2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_045 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.284%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for a heavy charged Higgs boson decaying into a W boson and a Higgs boson in final states with leptons and b-jets in √s = 13 TeV pp collisions with the ATLAS detector** [Search for a heavy charged Higgs boson decaying into a W boson and a Higgs boson in final states with leptons and b-jets in s = 13 TeV pp collisions with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP02(2025)143. – SCO ; SCIE ; CCC ; OA ; WOS CC ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 2 (2025), art. no. 143, s. 1-68 [online] [printed form] [CD-ROM]
Number of all authors: 2875
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[OV 091 Physics]
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CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_046 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.108%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Differential cross-section measurements of Higgs boson production in the H → τ+τ− decay channel in pp collisions at √s= 13 TeV with the ATLAS detector** [Differential cross-section measurements of Higgs boson production in the H → τ+τ- decay channel in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP03(2025)010. – SCO ; WOS CC ; SCIE ; CCC ; OA ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 3 (2025), art. no. 010, s. 1-65 [online] [printed form] [CD-ROM]
Number of all authors: 2939
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SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_047 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.754%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Test of lepton flavour universality in W-boson decays into electrons and τ -leptons using pp collisions at √s = 13 TeV with the ATLAS detector** [Test of lepton flavour universality in W-boson decays into electrons and τ-leptons using pp collisions at s = 13 TeV with the ATLAS detector] [Test of lepton flavour universality in W-boson decays into electrons and tau-leptons using pp collisions at √s = 13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP05(2025)038. – SCO ; OA ; WOS CC ; SCIE ; CCC ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 5 (2025), art. no. 038, s. 1-48 [online] [printed form] [CD-ROM]
Number of all authors: 2920
[article]
Lit.: 98
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_048 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.788%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for supersymmetry in final states with missing transverse momentum and charm-tagged jets using 139 fb−1 of proton-proton collisions at √s = 13 TeV with the ATLAS detector** [Search for supersymmetry in final states with missing transverse momentum and charm-tagged jets using 139 fb-1 of proton-proton collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP02(2025)193. – WOS CC ; SCIE ; CCC ; OA ; SCO ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 2 (2025), art. no. 193, s. 1-52 [online] [printed form] [CD-ROM]
Number of all authors: 2919
[article]
Lit.: 97
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:

2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_049 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.046%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for vector-like leptons coupling to first- and second-generation Standard Model leptons in pp collisions at √s=13 TeV with the ATLAS detector** [Search for vector-like leptons coupling to first- and second-generation Standard Model leptons in pp collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP05(2025)075. – SCO ; WOS CC ; SCIE ; CCC ; OA ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 5 (2025), art. no. 075, s. 1-60 [online] [printed form] [CD-ROM]
Number of all authors: 2882
[article]
Lit.: 134
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_050 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.114%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for Higgs boson decays into a pair of pseudoscalar particles in the γγτhadτhad final state using pp collisions at √s=13 TeV with the ATLAS detector** [Search for Higgs boson decays into a pair of pseudoscalar particles in the γγτ_hadτ_had final state using pp collisions at √s= 13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP03(2025)190. – OA ; SCO ; WOS CC ; SCIE ; CCC ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 3 (2025), ar. no. 190, s. 1-38 [online] [printed form] [CD-ROM]
Number of all authors: 2880
[article]
Lit.: 79
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024

Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_051 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.21%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Combination of searches for singly produced vectorlike top quarks in p□p collisions at √s =13 TeV with the ATLAS detector** [Combination of searches for singly produced vectorlike top quarks in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/PhysRevD.111.012012. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 111, č. 1 (2025), art. no. 012012, s. 1-30 [printed form] [online]
Number of all authors: 2936
[article]
Lit.: 114
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_052 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.25%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for triple Higgs boson production in the 6b final state using pp collisions at √s =13 TeV with the ATLAS detector** [Search for triple Higgs boson production in the 6b final state using pp collisions at s =13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/PhysRevD.111.032006. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 111, č. 3 (2025), art. no. 032006, s. 1-32 [printed form] [online]
Number of all authors: 2876
[article]
Lit.: 72
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024

AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_053 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.72%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for Magnetic Monopole Pair Production in Ultraperipheral Pb+Pb Collisions at √sNN=5.36 TeV with the ATLAS Detector at the LHC** [Search for Magnetic Monopole Pair Production in Ultraperipheral Pb+Pb Collisions at sNN=5.36 TeV with the ATLAS Detector at the LHC]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1103/PhysRevLett.134.061803. – SCO ; OA ; WOS CC ; CCC ; SCIE ; Nature Index.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 134, č. 6 (2025), art. no. 061803, s. 1-24 [printed form] [online]
Number of all authors: 2921
[article]
Lit.: 84
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_054 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.947%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Search for the jet-induced diffusion wake in the quark-gluon plasma via measurements of jet-track correlations in photon-jet events in Pb+Pb collisions at √sNN=5.02TeV with the ATLAS detector** [Search for the jet-induced diffusion wake in the quark-gluon plasma via measurements of jet-track correlations in photon-jet events in Pb+Pb collisions at sN×N=5.02TeV with the ATLAS detector]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1103/PhysRevC.111.044909. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 111, č. 4 (2025), art. no. 044909, s. 1-22 [printed form] [online] [CD-ROM]
Number of all authors: 2942
[article]
Lit.: 57
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:

IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_055 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.56%) - Aakvaag, Erlend (Member of corporation) (0.035%) - Abbott, B. (Member of corporation) (0.035%) - Abdelhameed, Sara (Member of corporation) (0.035%) - Abeling, Kira (Member of corporation) (0.035%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.035%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.035%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.035%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.035%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.035%) - Keszeghová, Lucia (Member of corporation) (0.035%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.035%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.035%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.035%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.035%): **An implementation of neural simulation-based inference for parameter estimation in ATLAS**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1088/1361-6633/add370. – SCO ; WOS CC ; SCIE ; CCC.
In: *Reports on Progress in Physics* [printed document] [electronic document] : a journal recognized by the European Physical Society. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0034-4885. – ISSN (online) 1361-6633. – Roč. 88, č. 6 (2025), art. no. 067801, s. 1-31 [printed form]
Number of all authors: 2785
[article]
Lit.: 57
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 20.7 - 2024
SNIP: 6,232 - 2024
SJR: 5,666 - 2024
CiteScore: 31 - 2024
AIS: 6.775 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_056 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.992%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Total Cost of Ownership and Evaluation of Google Cloud Resources for the ATLAS Experiment at the LHC**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/s41781-024-00128-x. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Computing and Software for Big Science* [printed document] [electronic document] . – Bazilej (Switzerland) : Springer Nature. Springer. – ISSN 2510-2036. – ISSN (online) 2510-2044. – Roč. 9, č. 1 (2025), art. no. 2, s. 1-35 [printed form] [online]
Number of all authors: 2913
[article]
Lit.: 66
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
SNIP: 1,44 - 2024
SJR: 1,449 - 2024

CiteScore: 6,4 - 2024
Quartile Q:
2024, Scimago - Computer science (miscellaneous) - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Software -

V3_057 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.114%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of off-shell Higgs boson production in the H∗→ZZ→4l decay channel using a neural simulation-based inference technique in 13 TeV pp collisions with the ATLAS detector**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1361-6633/adcd9a. – OA ; CCC ; WOS CC ; SCIE ; SCO.
In: *Reports on Progress in Physics* [printed document] [electronic document] : a journal recognized by the European Physical Society. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0034-4885. – ISSN (online) 1361-6633. – Roč. 88, č. 5 (2025), art. no. 057803, s. 1-38 [printed form]
Number of all authors: 2880
[article]
Lit.: 109
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 20.7 - 2024
SNIP: 6,232 - 2024
SJR: 5,666 - 2024
CiteScore: 31 - 2024
AIS: 6.775 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_058 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.176%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of the associated production of a top-antitop-quark pair and a Higgs boson decaying into a $b\bar{b}$ pair in pp collisions at $\sqrt{s}$ = 13 TeV using the ATLAS detector at the LHC** [Measurement of the associated production of a top-antitop-quark pair and a Higgs boson decaying into a $b\bar{b}$ pair in pp collisions at s=13 TeV using the ATLAS detector at the LHC]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-13740-x. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 2 (2025), art. no. 210, s. 1-40 [printed form] [online]
Number of all authors: 2937
[article]
Lit.: 111
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024

CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_059 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.914%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Measurements of WH and ZH production with Higgs boson decays into bottom quarks and direct constraints on the charm Yukawa coupling in 13 TeV pp collisions with the ATLAS detector**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP04(2025)075. – WOS CC ; SCIE ; CCC ; OA ; SCO ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 4 (2025), art. no. 075, s. 1-70 [online] [printed form] [CD-ROM]
Number of all authors: 2943
[article]
Lit.: 152
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_060 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.808%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for charged Higgs bosons produced in top-quark decays or in association with top quarks and decaying via $H^{\pm}\rightarrow\tau^{\pm}\nu\tau$ in 13 TeV pp collisions with the ATLAS detector**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/PhysRevD.111.072006. – SCO ; WOS CC ; SCIE ; OA ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 111, č. 7 (2025), art. no. 072006, s. 1-31 [printed form] [online]
Number of all authors: 2889
[article]
Lit.: 92
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024

CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_061 / Vrba, David (Author of correspondence) [Internal PhD student] [UKOMFKEF] (80%) - Martoňák, Roman (Author of correspondence) [UKOMFKEF] (20%): **Kinetic pathways of coesite densification from metadynamics**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1063/5.0284323. – MEDLINE® ; SCO ; CCC ; WOS CC ; SCIE.
In: *Journal of Chemical Physics* [printed document] [electronic document] . – Melville (United States) : American Institute of Physics. AIP Publishing. – ISSN 0021-9606. – ISSN (online) 1089-7690. – Roč. 163, č. 11 (2025), art. no. 114503, s. 1-8 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 34
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
Nordic List: 1 - 2025
IF: 3.1 - 2024
SNIP: 0,911 - 2024
SJR: 0,819 - 2024
CiteScore: 5,3 - 2024
AIS: 0.908 - 2024
Quartile Q:
2024, AIS - Chemistry, physical - ; **2024, AIS** - Physics, atomic, molecular & chemical - ; **2024, JCI** - Chemistry, physical - ; **2024, JCI** - Physics, atomic, molecular & chemical - ; **2024, JIF** - Chemistry, physical - ; **2024, JIF** - Physics, atomic, molecular & chemical - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Physical and theoretical chemistry - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_062 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (1.083%) - Agarwal, A. (Member of corporation) (0.091%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.091%) - Aglietta, Luca (Member of corporation) (0.091%) - Agnello, Michelangelo (Member of corporation) (0.091%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.091%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.091%) - Sitár, Branislav (Member of corporation) (0.091%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Bombara, Marek (Member of corporation) [UPS14201] (0.091%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.091%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.091%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.091%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.091%) - Jadlovská, Slávka (Member of corporation) [106005] (0.091%) - Jadlovský, Ján (Member of corporation) [104004] (0.091%) - Tkáčik, Tomáš (Member of corporation) (0.091%) - Tkáčik, Milan (Member of corporation) (0.091%):
Higher-order symmetry plane correlations in Pb-Pb collisions at √sN⨯N=5.02TeV [Higher-order symmetry plane correlations in Pb-Pb collisions at sN⨯N=5.02TeV]. – text, graphs. – [reviewed]. – DOI 10.1103/zx6t-29hf. – sign UPJS SSEP 026172. – OA ; WOS CC ; SCIE ; SCO ; CCC.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 111, č. 6 (2025), art. no. 064913, s. [1-25] [printed form] [online] [CD-ROM]
Number of all authors: 1088
[article]
Lit.: 71
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024

Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_063 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (1.083%) - Adamová, Dagmar (Member of corporation) (0.091%) - Agarwal, A. (Member of corporation) (0.091%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.091%) - Aglietta, Luca (Member of corporation) (0.091%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.091%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.091%) - Sitár, Branislav (Member of corporation) (0.091%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.091%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Bombara, Marek (Member of corporation) [UPS14201] (0.091%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.091%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.091%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.091%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.091%) - Jadlovská, Slávka (Member of corporation) [106005] (0.091%) - Jadlovský, Ján (Member of corporation) [104004] (0.091%) - Tkáčik, Tomáš (Member of corporation) (0.091%) - Tkáčik, Milan (Member of corporation) (0.091%): **Measurement of the production cross section of prompt Ξc0 baryons in p-Pb collisions at √sNN=5.02 TeV** [Measurement of the production cross section of prompt Ξc0 baryons in p–Pb collisions at sNN=5.02 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-024-13531-w. – sign UPJS SSEP 026032. – OA ; CCC ; SCO ; SCIE ; WOS CC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 1 (2025), art. no. 86, s. 1-22 [printed form] [online]
Number of all authors: 1088
[article]
Lit.: 86
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_064 / Mészáros, Peter (Author of correspondence) [UKOMFKTF] (50%) - Račko, Daniel (Author of correspondence) [Internal PhD student] [UKOMFKTF] (50%): **Evolution of superhorizon perturbations in early Universe with anisotropic solid remnant**. – text. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14738-1. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 9 (2025), art. no. 1077, s. 1-16 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 78
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_065 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (1.1%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, M. (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%) - Tkáčik, Milan (Member of corporation) (0.092%): **Measurements of differential two-particle number and transverse momentum correlation functions in pp collisions at s = 13 TeV** = Measurements of differential two-particle number and transverse momentum correlation functions in pp collisions at √s = 13 TeV. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14531-0. – sign UPJS SSEP 025837. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 8 (2025), art. no. 866, s. [1-24] [printed form] [online]
Number of all authors: 1076
[article]
Lit.: 70
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_066 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (1.174%) - Agarwal, A. (Member of corporation) (0.091%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.091%) - Aglietta, Luca (Member of corporation) (0.091%) - Agnello, M. (Member of corporation) (0.091%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Bombara, Marek (Member of corporation) [UPS14201] (0.091%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.091%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.091%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.091%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.091%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.091%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.091%) - Sitár, Branislav (Member of corporation) (0.091%) - Jadlovská, Slávka (Member of corporation) [106005] (0.091%) - Jadlovský, Ján (Member of corporation) [104004] (0.091%) - Tkáčik, Tomáš (Member of corporation) (0.091%) - Tkáčik, Milan (Member of corporation) (0.091%): **Search for Quasiparticle Scattering in the Quark-Gluon Plasma with Jet Splittings in pp and Pb-Pb Collisions at sNN=5.02 TeV** [Search for Quasiparticle Scattering in the Quark-Gluon Plasma with Jet Splittings in p□p and Pb-Pb Collisions at √sNN=5.02 TeV]. – text, graphs. – [reviewed]. – DOI 10.1103/PhysRevLett.135.031901. – sign UPJS SSEP 025738. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 135, č. 3 (2025), art. no. 031901, s. [1-17] [printed form] [online]
Number of all authors: 1087
[article]
Lit.: 98
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:

IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_067 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.862%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Aglietta, Luca (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%) - Jadlovská, Slávka (Member of corporation) [106005] (0.093%) - Jadlovský, Ján (Member of corporation) [104004] (0.093%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.093%) - Tkáčik, Tomáš (Member of corporation) (0.093%): **Multimuons in cosmic-ray events as seen in ALICE at the LHC**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1475-7516/2025/04/009. – sign UPJS SSEP 025584. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Journal of Cosmology and Astroparticle Physics* [electronic document] . – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1475-7516. – Roč. 2025, č. 4 (2025), art. no. 009, s. [1-30] [online]
Number of all authors: 1067
[article]
Lit.: 37
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.9 - 2024
SNIP: 1,107 - 2024
SJR: 0,795 - 2024
CiteScore: 9,1 - 2024
AIS: 1.443 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Astronomy and astrophysics -

V3_068 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.732%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, M. (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%): **Light neutral-meson production in pp collisions at = 13 TeV** = Light neutral-meson production in pp collisions at √s = 13 TeV. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP08(2025)035. – sign UPJS SSEP 025859. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 8 (2025), art. no. 035, s. [1-47] [online] [printed form] [CD-ROM]
Number of all authors: 1080

[article]
Lit.: 91
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_069 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.81%) - Agarwal, A. (Member of corporation) (0.091%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.091%) - Aglietta, Luca (Member of corporation) (0.091%) - Agnello, Michelangelo (Member of corporation) (0.091%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Bombara, Marek (Member of corporation) [UPS14201] (0.091%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.091%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.091%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.091%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.091%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.091%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.091%) - Sitár, Branislav (Member of corporation) (0.091%) - Jadlovská, Slávka (Member of corporation) [106005] (0.091%) - Jadlovský, Ján (Member of corporation) [104004] (0.091%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.091%) - Tkáčik, Tomáš (Member of corporation) (0.091%): **Investigating the p--π± and p--p--π± dynamics with femtoscopy in pp collisions at s=13 TeV** = Investigating the p–π± and p–p–π± dynamics with femtoscopy in pp collisions at √s = 13 TeV. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epja/s10050-025-01615-4. – sign UPJS SSEP 025834. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *The European Physical Journal A* [printed document] [electronic document] : Hadrons and Nuclei. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6001. – ISSN (online) 1434-601X. – Roč. 61, č. 8 (2025), art. no. 194, s. [1-31] [printed form] [online]
Number of all authors: 1091
[article]
Lit.: 86
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 2.8 - 2024
SNIP: 1,071 - 2024
SJR: 0,757 - 2024
CiteScore: 5,1 - 2024
AIS: 0.737 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_070 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.824%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, M. (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.092%) - Tkáčik, Tomáš

(Member of corporation) (0.092%) - Tkáčik, Milan (Member of corporation) (0.092%): **Multiplicity-dependent inclusive J/ψ production at forward rapidity in pp collisions at s = 13 TeV** = Multiplicity-dependent inclusive J/ψ production at forward rapidity in pp collisions at √s = 13TeV. – text, graphs. – [reviewed]. – DOI 10.1007/JHEP07(2025)238. – sign UPJS SSEP 025833. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 7 (2025), art. no. 238, s. [1-25] [online] [printed form] [CD-ROM]
Number of all authors: 1079
[article]
Lit.: 33
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_071 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.732%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, M. (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%) - Tkáčik, Milan (Member of corporation) (0.092%): **J/ψ-hadron correlations at midrapidity in pp collisions at s = 13 TeV** = J/ψ-hadron correlations at midrapidity in pp collisions at √s = 13 TeV. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP07(2025)023. – sign UPJS SSEP 025836. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 7 (2025), art. no. 023, s. [1-30] [online] [printed form] [CD-ROM]
Number of all authors: 1080
[article]
Lit.: 56
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_072 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (1.083%) - Agarwal, A. (Member of corporation) (0.091%) - Rinella, G. Aglieri (Member of corporation) (0.091%) - Aglietta, L. (Member of corporation) (0.091%) - Agnello, M. (Member of corporation) (0.091%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.091%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.091%) - Sitár, Branislav (Member of corporation) (0.091%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Barbasová,

Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Bombara, Marek (Member of corporation) [UPS14201] (0.091%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.091%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.091%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.091%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.091%) - Jadlovská, Slávka (Member of corporation) [106005] (0.091%) - Jadlovský, Ján (Member of corporation) [104004] (0.091%) - Tkáčik, Tomáš (Member of corporation) (0.091%) - Tkáčik, Milan (Member of corporation) (0.091%):
Multiplicity-dependent jet modification from di-hadron correlations in pp collisions at √s=13 TeV
[Multiplicity-dependent jet modification from di-hadron correlations in pp collisions at s=13 TeV]. – text, graphs. – [reviewed]. – DOI 10.1007/jhep03(2025)194. – sign UPJS SSEP 025926. – SCO ; CCC ; SCIE ; OA ; WOS CC ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 3 (2025), art. no. 194, s. 1-31 [online] [printed form] [CD-ROM]
Number of all authors: 1088
[article]
Lit.: 138
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_073 / KM3NeT Collaboration [Author corporation] ; Aiello, Sebastiano (Member of corporation) (0.535%) - Albert, Arnauld (Member of corporation) (0.349%) - Alhebsi, A. R. (Member of corporation) (0.349%) - Alshamsi, Maitha (Member of corporation) (0.349%) - Garre, Sergio Alves (Member of corporation) (0.349%) - Beňušová, Zuzana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.349%) - Dvornický, Rastislav (Member of corporation) [UKOMFKJFB] (0.349%) - Eckerová, Eliška (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.349%) - Šimkovic, Fedor (Member of corporation) [UKOMFKJFB] (0.349%): **Observation of an ultra-high-energy cosmic neutrino with KM3NeT**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1038/s41586-024-08543-1. – OA ; SCO ; WOS CC ; SCIE ; CCC ; Nature Index.
In: *Nature* [printed document] [electronic document] . – London (United Kingdom) : Springer Nature. Nature Publishing Group. – ISSN 0028-0836. – ISSN (online) 1476-4687. – Roč. 638, č. 8050 (2025), s. 376-382 [printed form] [online]
Number of all authors: 286
[article]
Lit.: 96
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 48.5 - 2024
SNIP: 10,161 - 2024
SJR: 18,288 - 2024
CiteScore: 78,1 - 2024
AIS: 23.402 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_074 / KM3NeT Collaboration [Author corporation] ; Aiello, Sebastiano (Member of corporation) (0.364%) - Albert, Arnauld (Member of corporation) (0.361%) - Alhebsi, A. R. (Member of corporation) (0.361%) - Alshamsi, Maitha (Member of corporation) (0.361%) - Garre, Sergio Alves (Member of corporation) (0.361%) - Beňušová, Zuzana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.361%) - Dvornický, Rastislav (Member of corporation) [UKOMFKJFB] (0.361%) - Eckerová, Eliška (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.361%) - Šimkovic, Fedor (Member of corporation) [UKOMFKJFB] (0.361%): **Probing invisible neutrino decay with the first six detection units of KM3NeT/ORCA**. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP04(2025)105. – CCC ; SCO ; WOS CC ; SCIE ; OA ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) :

Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 4 (2025), art. no. 105, s. 1-23 [online] [printed form] [CD-ROM]
Number of all authors: 277
[article]
Lit.: 53
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_075 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.89%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of double-differential charged-current Drell-Yan cross-sections at high transverse masses in pp collisions at √s =13TeV with the ATLAS detector** [Measurement of double-differential charged-current Drell-Yan cross-sections at high transverse masses in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP07(2025)026. – WOS CC ; SCIE ; CCC ; OA ; SCO.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 7 (2025), art. no. 026, s. 1-66 [online] [printed form] [CD-ROM]
Number of all authors: 2916
[article]
Lit.: 103
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_076 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.924%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for long-lived charged particles using large specific ionisation loss and time of flight in 140fb−1 of pp collisions at √s=13TeV with the ATLAS detector** [Search for long-lived charged particles using large specific ionisation loss and time of flight in 140fb−1 of pp collisions at s=13TeV with the ATLAS detector]. –

text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP07(2025)140. – OA ; WOS CC ; SCIE ; CCC ; SCO.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 7 (2025), art. no. 140, s. 1-57 [online] [printed form] [CD-ROM]
Number of all authors: 2915
[article]
Lit.: 96
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_077 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.924%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for heavy neutral leptons in decays of W bosons using leptonic and semi-leptonic displaced vertices in √s=13TeV pp collisions with the ATLAS detector** [Search for heavy neutral leptons in decays of W bosons using leptonic and semi-leptonic displaced vertices in s=13TeV pp collisions with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP07(2025)196. – OA ; SCO ; WOS CC ; CCC ; SCIE.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 7 (2025), art. no. 196, s. 1-52 [online] [printed form] [CD-ROM]
Number of all authors: 2912
[article]
Lit.: 102
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_078 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.162%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%):

Searches for direct slepton production in the compressed-mass corridor in √s = 13TeV pp collisions with the ATLAS detector [Searches for direct slepton production in the compressed-mass corridor in s = 13 TeV pp collisions with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP08(2025)053. – OA ; SCO ; WOS CC ; CCC ; SCIE.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 8 (2025), art. no. 053, s. 1-66 [online] [printed form] [CD-ROM]
Number of all authors: 2908
[article]
Lit.: 144
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_079 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.551%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Search for decays of the Higgs boson into scalar particles decaying into four or six b-quarks using pp collisions at √s = 13 TeV with the ATLAS detector** [Search for decays of the Higgs boson into scalar particles decaying into four or six b quarks using pp collisions at s=13 TeV with the ATLAS detector] [Search for decays of the Higgs boson into scalar particles decaying into four or six b quarks using pp collisions at √s = 13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/mzld-ldlt. – OA ; CCC ; WOS CC ; SCIE ; SCO.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 7 (2025), art. no. 072005, s. 1-44 [printed form] [online]
Number of all authors: 2954
[article]
Lit.: 145
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_080 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.353%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal

(Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Evidence for longitudinally polarized W bosons in the electroweak production of same-sign W boson pairs in association with two jets in pp collisions at √s = 13 TeV with the ATLAS detector** [Evidence for Longitudinally Polarized W Bosons in the Electroweak Production of Same-Sign W Boson Pairs in Association with Two Jets in pp Collisions at s=13 TeV with the ATLAS Detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/bpln-ccql. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 135, č. 11 (2025), art. no. 111802, s. 1-27 [printed form] [online]
Number of all authors: 2960
[article]
Lit.: 63
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_081 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.978%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Improved reconstruction of highly boosted τ-lepton pairs in the ττ →(μνμντ)(hadrons+ντ) decay channels with the ATLAS detector** [Improved reconstruction of highly boosted tau-lepton pairs in the tautau →(μνμντ)(hadrons+ντ) decay channels with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14012-4. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 6 (2025), art. no. 706, s. 1-32 [printed form] [online]
Number of all authors: 2884
[article]
Lit.: 52
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_082 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.346%) - Abbott, B. (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Abicht, N. J. (Member of

corporation) (0.034%) - Abidi, Syed Hani (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurements of W+W− production cross-sections in pp collisions at √s=13 TeV with the ATLAS detector** [Measurements of W+W- production cross-sections in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP08(2025)142. – WOS CC ; SCIE ; CCC ; OA ; SCO.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 8 (2025), art. no. 142, s. 1-65 [online] [printed form] [CD-ROM]
Number of all authors: 2932
[article]
Lit.: 145
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_083 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.944%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Energy scale and resolution for anti- kt jets with radius parameters R=0.2 and 0.6 measured in proton-proton collisions at √s = 13 TeV with the ATLAS detector** [Energy scale and resolution for anti-kt jets with radius parameters R = 0.2and 0.6 measured in proton-proton collisions at s = 13TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14226-6. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 7 (2025), art. no. 791, s. 1-46 [printed form] [online]
Number of all authors: 2885
[article]
Lit.: 55
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_084 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.414%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of

corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of W±-boson differential cross-sections in proton–proton collisions with low pile-up data at √s=5.02TeV and 13TeV with the ATLAS detector** [Measurement of W±-boson differential cross-sections in proton–proton collisions with low pile-up data at s=5.02 TeV and 13TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14178-x. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 7 (2025), art. no. 729, s. 1-32 [printed form] [online]
Number of all authors: 2930
[article]
Lit.: 98
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_085 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.318%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Cross-section measurements for the production of a W-boson in association with high-transverse-momentum jets in pp collisions at √s=13 TeV with the ATLAS detector** [Cross-section measurements for the production of a W-boson in association with high-transverse-momentum jets in pp collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14078-0. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 7 (2025), art. no. 738, s. 1-35 [printed form] [online]
Number of all authors: 2874
[article]
Lit.: 93
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_086 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.414%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Precision measurement of the B0 meson lifetime using B0→J/ψK∗0 decays with the ATLAS detector** [Precision measurement of the B0 meson lifetime using B0→J/psíK∗0 decays with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14232-8. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 7 (2025), art. no. 736, s. 1-27 [printed form] [online]
Number of all authors: 2930
[article]
Lit.: 54
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_087 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.924%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **A search for dark matter produced in association with a dark Higgs boson decaying into a Higgs boson pair in 3b or 4b final states using pp collisions at √s =13 TeV with the ATLAS detector** [A search for dark matter produced in association with a dark Higgs boson decaying into a Higgs boson pair in 3b or 4b final states using pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP09(2025)067. – OA ; WOS CC ; CCC ; SCIE ; SCO.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 9 (2025), art. no. 067, s. 1-48 [online] [printed form] [CD-ROM]
Number of all authors: 2934
[article]
Lit.: 121
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:

2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_088 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.55%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Probing the Higgs boson CP properties in vector-boson fusion production in the H → τ+τ− channel with the ATLAS detector** [Probing the Higgs boson CP properties in vector-boson fusion production in the H\rightarrowτ^+τ^- channel with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP10(2025)092. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 10 (2025), art. no. 092, s. 1-53 [online] [printed form] [CD-ROM]
Number of all authors: 2926
[article]
Lit.: 140
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_089 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.89%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **A measurement of the high-mass τ¯τ production cross-section at √s=13 TeV with the ATLAS detector and constraints on new particles and couplings** [A measurement of the high-mass τ¯τ production cross-section at s=13 TeV with the ATLAS detector and constraints on new particles and couplings]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP10(2025)054. – WOS CC ; SCIE ; SCO ; CCC ; OA.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 10 (2025), art. no. 054, s. 1-51 [online] [printed form] [CD-ROM]
Number of all authors: 2925
[article]
Lit.: 146
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024

Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_090 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.278%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for the production of a Higgs boson in association with a single top quark in pp collisions at √s = 13TeV with the ATLAS detector** [Search for the production of a Higgs boson in association with a single top quark in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP10(2025)093. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 10 (2025), art. no. 093, s. 1-69 [online] [printed form] [CD-ROM]
Number of all authors: 2934
[article]
Lit.: 137
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_091 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.782%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Search for cascade decays of charged sleptons and sneutrinos in final states with three leptons and missing transverse momentum in pp collisions at √s =13 TeV with the ATLAS detector** [Search for cascade decays of charged sleptons and sneutrinos in final states with three leptons and missing transverse momentum in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/6gy3-cb4t. – OA ; CCC ; WOS CC ; SCIE ; SCO.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 1 (2025), art. no. 012005, s. 1-41 [printed form] [online]
Number of all authors: 2947
[article]
Lit.: 157
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024

CiteScore: 9 - 2024
AIS: 0.995 - 2024
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2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_092 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.957%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Search for new physics in final states with semivisible jets or anomalous signatures using the ATLAS detector**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/44zp-mh1q. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 1 (2025), art. no. 012021, s. 1-31 [printed form] [online]
Number of all authors: 2972
[article]
Lit.: 81
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_093 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.992%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for a new pseudoscalar decaying into a pair of bottom and antibottom quarks in top-associated production in √s=13 TeV proton–proton collisions with the ATLAS detector** [Search for a new pseudoscalar decaying into a pair of bottom and antibottom quarks in top-associated production in s=13 TeV proton–proton collisions with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14507-0. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 8 (2025), art. no. 886, s. 1-36 [printed form] [online]
Number of all authors: 2913
[article]
Lit.: 99
[OV 091 Physics]

[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_094 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.815%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Measurements of the production cross-sections of a Higgs boson in association with a vector boson and decaying into WW∗ with the ATLAS detector at √s=13 TeV** [Measurements of the production cross-sections of a Higgs boson in association with a vector boson and decaying into WW* with the ATLAS detector at s = 13 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP08(2025)034. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 8 (2025), art. no. 034, s. 1-76 [online] [printed form] [CD-ROM]
Number of all authors: 2946
[article]
Lit.: 144
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_095 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.312%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Differential cross-section measurements of D± and D± s meson production in proton–proton collisions at √s =13TeV with the ATLAS etector** [Differential cross-section measurements of D± and Ds± meson production in proton-proton collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP07(2025)086. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 7 (2025), art. no. 086, s. 1-46 [online] [printed form] [CD-ROM]
Number of all authors: 2933
[article]

Lit.: 54
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_096 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.142%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of jet track functions in pp collisions at √s=13 TeV with the ATLAS detector** [Measurement of jet track functions in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physletb.2025.139680. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 868 (2025), art. no. 139680, s. 1-24 [printed form] [online]
Number of all authors: 2938
[article]
Lit.: 79
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
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V3_097 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.652%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for Higgs boson decays into a Z boson and a light hadronically decaying resonance in pp collisions at √s=13 TeV with the ATLAS detector** [Search for Higgs boson decays into a Z boson and a light hadronically decaying resonance in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139671. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 868 (2025), art. no. 139671, s. 1-24 [printed form] [online]
Number of all authors: 2923
[article]

Lit.: 82
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_098 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.64%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, Michelangelo (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%) - Tkáčik, Milan (Member of corporation) (0.092%): **Exploring nuclear structure with multiparticle azimuthal correlations at the LHC**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physletb.2025.139855. – sign UPJS SSEP 026175. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 869 (2025), art. no. 139855, s. 1-14 [printed form] [online]
Number of all authors: 1081
[article]
Lit.: 112
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_099 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.298%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for Higgs boson exotic decays into Lorentz-boosted light bosons in the four-τ final state at √s =13 TeV with the ATLAS detector** [Search for Higgs boson exotic decays into Lorentz-boosted light bosons in

the four-τ final state at s =13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139843. – OA ; WOS CC ; SCIE ; CCC ; SCO.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 870 (2025), art. no. 139843, s. 1-18 [printed form] [online]
Number of all authors: 2904
[article]
Lit.: 78
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_100 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.74%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Azimuthal anisotropies of charged particles with high transverse momentum in Pb+Pb collisions at √sNN = 5.02 TeV with the ATLAS detector** [Azimuthal anisotropies of charged particles with high transverse momentum in Pb + Pb collisions at sNN = 5.02 TeV with the ATLAS detector]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1103/d46f-yl4n. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 112, č. 2 (2025), art. no. 024910, s. 1-34 [printed form] [online] [CD-ROM]
Number of all authors: 2891
[article]
Lit.: 53
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_101 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.254%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of

corporation) [UKOMFKJFB] (0.033%): **Search for displaced leptons in √s =13 TeV and 13.6 TeV pp collisions with the ATLAS detector** [Search for displaced leptons in s=13 TeV and 13.6 TeV pp collisions with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/w8hh-xf24. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 1 (2025), art. no. 012016, s. 1-35 [printed form] [online]
Number of all authors: 2963
[article]
Lit.: 79
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_102 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.57%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Weakly supervised anomaly detection for resonant new physics in the dijet final state using proton-proton collisions at √s =13 TeV with the ATLAS detector** [Weakly supervised anomaly detection for resonant new physics in the dijet final state using proton-proton collisions at (Formula presented.) with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/2yq5-vj59. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 7 (2025), art. no. 072009, s. 1-34 [printed form] [online]
Number of all authors: 2896
[article]
Lit.: 95
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_103 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.118%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Aglietta, Luca (Member of corporation) (0.093%) - Agnello, Michelangelo (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201]

(0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%) - Jadlovská, Slávka (Member of corporation) [106005] (0.093%) - Jadlovský, Ján (Member of corporation) [104004] (0.093%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.093%) - Tkáčik, Tomáš (Member of corporation) (0.093%) - Tkáčik, Milan (Member of corporation) (0.093%): **System size and energy dependence of the mean transverse momentum fluctuations at the LHC**. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14325-4. – sign UPJS SSEP 026037. – SCO ; CCC ; WOS CC ; SCIE ; OA.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 7 (2025), art. no. 776, s. 1-22 [printed form] [online]
Number of all authors: 1075
[article]
Lit.: 68
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_104 / KM3NeT Collaboration [Author corporation] ; Aiello, Sebastiano (Member of corporation) (0.44%) - Albert, Arnauld (Member of corporation) (0.38%) - Alhebsi, A. R. (Member of corporation) (0.38%) - Alshamsi, M. (Member of corporation) (0.38%) - Garre, Sergio Alves (Member of corporation) (0.38%) - Beňušová, Zuzana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.38%) - Dvornický, Rastislav (Member of corporation) [UKOMFKJFB] (0.38%) - Eckerová, Eliška (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.38%) - Šimkovic, Fedor (Member of corporation) [UKOMFKJFB] (0.38%): **Search for quantum decoherence in neutrino oscillations with six detection units of KM3NeT/ORCA**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1475-7516/2025/03/039. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of Cosmology and Astroparticle Physics* [electronic document] . – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1475-7516. – Roč. 2025, č. 3 (2025), art. no. 039, s. 1-20 [online]
Number of all authors: 263
[article]
Lit.: 36
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.9 - 2024
SNIP: 1,107 - 2024
SJR: 0,795 - 2024
CiteScore: 9,1 - 2024
AIS: 1.443 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Astronomy and astrophysics -

V3_105 / KM3NeT Collaboration [Author corporation] ; Aiello, Sebastiano (Member of corporation) (0.45%) - Albert, Arnauld (Member of corporation) (0.362%) - Alhebsi, A. R. (Member of corporation) (0.362%) - Alshamsi, M. (Member of corporation) (0.362%) - Garre, Sergio Alves (Member of corporation) (0.362%) - Beňušová, Zuzana (Member of corporation) [UKOMFKJFB] (0.362%) - Dvornický, Rastislav (Member of corporation) [UKOMFKJFB] (0.362%) - Eckerová, Eliška (Member of corporation) [UKOMFKJFB] (0.362%) - Šimkovic, Fedor (Member of corporation) [UKOMFKJFB] (0.362%): **Study of tau neutrinos and non-unitary neutrino mixing with the first six detection units of KM3NeT/ORCA**. – text, graphs, tables. – [reviewed]. – DOI

10.1007/JHEP07(2025)213. – WOS CC ; SCIE ; SCO ; OA ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 7 (2025), art. no. 213, s. 1-27 [online] [printed form] [CD-ROM]
Number of all authors: 276
[article]
Lit.: 60
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_106 / KM3NeT Collaboration [Author corporation] ; Aiello, S. (Member of corporation) (0.586%) - Albert, A. (Member of corporation) (0.378%) - Alhebsi, A. R. (Member of corporation) (0.378%) - Alshamsi, M. (Member of corporation) (0.378%) - Alves Garre, Sergio (Member of corporation) (0.378%) - Beňušová, Zuzana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.378%) - Dvornický, Rastislav (Member of corporation) [UKOMFKJFB] (0.378%) - Eckerová, Eliška (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.378%) - Šimkovic, Fedor (Member of corporation) [UKOMFKJFB] (0.378%): **First searches for dark matter with the KM3NeT neutrino telescopes**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1475-7516/2025/03/058. – OA ; SCO ; WOS CC ; CCC ; SCIE.
In: *Journal of Cosmology and Astroparticle Physics* [electronic document] . – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1475-7516. – Roč. 2025, č. 3 (2025), art. no. 058, s. 1-23 [online]
Number of all authors: 264
[article]
Lit.: 48
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.9 - 2024
SNIP: 1,107 - 2024
SJR: 0,795 - 2024
CiteScore: 9,1 - 2024
AIS: 1.443 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Astronomy and astrophysics -

V3_107 / KM3NeT Collaboration [Author corporation] ; Aiello, S. (Member of corporation) (0.538%) - Albert, A. (Member of corporation) (0.363%) - Alhebsi, A. R. (Member of corporation) (0.363%) - Alshamsi, M. (Member of corporation) (0.363%) - Alves Garre, Sergio (Member of corporation) (0.363%) - Beňušová, Zuzana (Member of corporation) [UKOMFKJFB] (0.363%) - Dvornický, Rastislav (Member of corporation) [UKOMFKJFB] (0.363%) - Eckerová, Eliška (Member of corporation) [UKOMFKJFB] (0.363%) - Šimkovic, Fedor (Member of corporation) [UKOMFKJFB] (0.363%): **Evaluation of the upgraded 3-inch Hamamatsu photomultiplier for the KM3NeT Neutrino Telescope**. – text, photographs, graphs, tables. – [reviewed]. – DOI 10.1088/1748-0221/20/07/P07054. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of Instrumentation* [electronic document] : an IOP and SISSA journal. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1748-0221. – Roč. 20, č. 7 (2025), art. no. P07054, s. 1-14 [online]
Number of all authors: 275
[article]
Lit.: 14
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.3 - 2024

SNIP: 1,081 - 2024
SJR: 0,427 - 2024
CiteScore: 2,3 - 2024
AIS: 0.374 - 2024
Quartile Q:
2024, AIS - Instruments & instrumentation - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Mathematical physics -

V3_108 / KM3NeT Collaboration [Author corporation] ; Aiello, S. (Member of corporation) (0.586%) - Albert, Arnauld (Member of corporation) (0.378%) - Alhebsi, A. R. (Member of corporation) (0.378%) - Alshamsi, M. (Member of corporation) (0.378%) - Garre, Sergio Alves (Member of corporation) (0.378%) - Beňušová, Zuzana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.378%) - Dvornický, Rastislav (Member of corporation) [UKOMFKJFB] (0.378%) - Eckerová, Eliška (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.378%) - Šimkovic, Fedor (Member of corporation) [UKOMFKJFB] (0.378%): **Search for non-standard neutrino interactions with the first six detection units of KM3NeT/ORCA**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1475-7516/2025/02/073. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Journal of Cosmology and Astroparticle Physics* [electronic document] . – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1475-7516. – Roč. 2025, č. 2 (2025), art. no. 073, s. 1-31 [online]
Number of all authors: 264
[article]
Lit.: 51
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.9 - 2024
SNIP: 1,107 - 2024
SJR: 0,795 - 2024
CiteScore: 9,1 - 2024
AIS: 1.443 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Astronomy and astrophysics -

V3_109 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.176%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurements and interpretations of W ± Z production cross-sections in pp collisions at √s = 13 TeV with the ATLAS detector** [Measurements and interpretations of W±Z production cross-sections in pp collisions at √ s = 13 TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP11(2025)006. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 11 (2025), art. no. 006, s. 1-67 [online] [printed form] [CD-ROM]
Number of all authors: 2937
[article]
Lit.: 140
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:

2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_110 / ATLAS Collaboration [Author corporation] ; Aad, Georges (Member of corporation) (2.419%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Constraining off-shell Higgs boson production and the Higgs boson total width using WW → l ν l ν final states with the ATLAS detector**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physletb.2025.139898. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 870 (2025), art. no. 139898, s. 1-21 [printed form] [online]
Number of all authors: 2958
[article]
Lit.: 110
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_111 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.089%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Observation of double parton scattering in same-sign W boson pair production in pp collisions at √s = 13 TeV with the ATLAS detector**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physletb.2025.139892. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 870 (2025), art. no. 139892, s. 1-21 [printed form] [online]
Number of all authors: 2968
[article]
Lit.: 109
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024

Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_112 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.617%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Search for events with one displaced vertex from long-lived neutral particles decaying into hadronic jets in the ATLAS muon spectrometer in pp collisions at √s=13 TeV**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/cmql-s9sq. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 9 (2025), art. no. 092001, s. 1-39 [printed form] [online]
Number of all authors: 2952
[article]
Lit.: 98
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_113 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.216%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **A continuous calibration of the ATLAS flavour-tagging classifiers via optimal transportation maps**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14682-0. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 11 (2025), art. no. 1272, s. 1-44 [printed form] [online]
Number of all authors: 2877
[article]
Lit.: 118
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024

CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_114 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.958%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for electroweak production of vector-like leptons in τ -lepton and b-jet final states in pp collisions at √s = 13 TeV with the ATLAS detector** [Search for electroweak production of vector-like leptons in tau -lepton and b-jet final states in pp collisions at s = 13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14748-z. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 11 (2025), art. no. 1335, s. 1-42 [printed form] [online]
Number of all authors: 2914
[article]
Lit.: 145
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_115 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.548%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, L. (Member of corporation) (0.092%) - Agnello, M. (Member of corporation) (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%): **Measurement of ω meson production in p□p and p-Pb collisions at √sN□N=5.02 TeV** [Measurement of omega meson production in pp and p-Pb collisions at sNN = 5.02 TeV]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/ls6w-x1bb. – sign UPJS SSEP 026176. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 112, č. 4 (2025), art. no. 044904, s. [1-19] [printed form] [online] [CD-ROM]
Number of all authors: 1082
[article]
Lit.: 57
[OV 091 Physics]
[ŠO 1160]

Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_116 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.456%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, Michelangelo (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Jadlovská, Slávka (Member of corporation) [106005] (0.092%) - Jadlovský, Ján (Member of corporation) [104004] (0.092%) - Líšková, Dominika (Member of corporation) [Internal PhD student] [104004] (0.092%) - Tkáčik, Tomáš (Member of corporation) (0.092%): **First measurement of symmetric cumulants of hexagonal flow harmonics in Pb-Pb collisions at √sNN=5.02 TeV** [First measurement of symmetric cumulants of hexagonal flow harmonics in Pb-Pb collisions at sNN=5.02 TeV]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/4ltm-g1qg. – sign UPJS SSEP 026173. – CCC ; WOS CC ; OA ; SCIE ; SCO.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 112, č. 2 (2025), art. no. 024905, s. 1-14] [printed form] [online] [CD-ROM]
Number of all authors: 1083
[article]
Lit.: 62
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_117 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.172%) - Adamová, Dagmar (Member of corporation) (0.094%) - Aglieri Rinella, G. (Member of corporation) (0.094%) - Agnello, Michelangelo (Member of corporation) (0.094%) - Agrawal, N. (Member of corporation) (0.094%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.094%) - Bombara, Marek (Member of corporation) [UPS14201] (0.094%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.094%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.094%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.094%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.094%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.094%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.094%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.094%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.094%) - Sitár, Branislav (Member of corporation) (0.094%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.094%): **Dielectron production in central Pb-Pb collisions at √sNN = 5.02 TeV** [Dielectron production in central Pb-Pb collisions at sNN = 5.02 TeV]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/xl6m-vbqk. – sign UPJS SSEP 026178. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 112, č. 5 (2025), art. no. 054906, s. 1-27 [printed form] [online] [CD-ROM]
Number of all authors: 1063

[article]
Lit.: 124
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_118 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.824%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, Michelangelo (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%):
D0-meson-tagged jet axes difference in proton-proton collisions at s√=5.02 TeV [D0-meson-tagged jet axes difference in proton-proton collisions at s = 5.02 TeV]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/nt4q-7t77. – sign UPJS SSEP 026179. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 9 (2025), art. no. 092012, s. 1-21 [printed form] [online]
Number of all authors: 1079
[article]
Lit.: 54
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_119 / ALICE Collaboration [Author corporation] ; Abualrob, I. J. (Member of corporation) (1.112%) - Acharya, S. (Member of corporation) (0.094%) - Aglieri Rinella, G. (Member of corporation) (0.094%) - Aglietta, L. (Member of corporation) (0.094%) - Agnello, M. (Member of corporation) (0.094%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.094%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.094%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.094%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.094%) - Sitár, Branislav (Member of corporation) (0.094%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.094%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.094%) - Bombara, Marek (Member of corporation) [UPS14201] (0.094%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.094%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.094%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.094%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.094%): **Multiplicity dependence of Ξ+c and Ξ0c production in pp collisions at √s = 13 TeV** [Multiplicity dependence of ksí + c and ksí 0 c production in pp collisions at √s = 13 TeV] [Multiplicity dependence of ksí + c and ksí 0 c production in pp collisions at s = 13 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP12(2025)038. – sign UPJS SSEP 026246. – OA ; SCO ; WOS CC ; SCIE ; CCC.

In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 12 (2025), art. no. 038, s. 1-31 [online] [printed form] [CD-ROM]
Number of all authors: 1053
[article]
Lit.: 62
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_120 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.583%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Aglietta, Luca (Member of corporation) (0.093%) - Agnello, Michelangelo (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%): **First measurement of D∗+ vector meson spin alignment in Pb–Pb collisions at √sNN = 5.02 TeV** [First measurement of D*+ vector meson spin alignment in Pb–Pb collisions at TeV] [First measurement of D∗+ vector meson spin alignment in Pb–Pb collisions at sNN = 5.02 TeV]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP10(2025)094. – sign UPJS SSEP 026025. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 10 (2025), art. no. 094, s. 1-26 [online] [printed form] [CD-ROM]
Number of all authors: 1070
[article]
Lit.: 53
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_121 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.916%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, Michelangelo (Member of corporation) (0.092%) - Agrawal, N. (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%): **Femtoscopic study of the proton-proton and proton-deuteron systems in heavy-ion collisions at the LHC**. –

text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139921. – sign UPJS SSEP 026180. – OA ; WOS CC ; SCIE ; CCC ; SCO.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 871 (2025), art.no. 139921, s. 1-13 [printed form] [online]
Number of all authors: 1078
[article]
Lit.: 85
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_122 / ALICE Collaboration [Author corporation] ; Abualrob, I. J. (Member of corporation) (0.862%) - Acharya, S. (Member of corporation) (0.093%) - Aglieri Rinella, G. (Member of corporation) (0.093%) - Aglietta, Luca (Member of corporation) (0.093%) - Agnello, Michelangelo (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%): **Study of ⟨pT⟩ and its higher moments, and extraction the speed of sound in Pb−Pb collisions with ALICE** [Study of and its higher moments, and extraction of the speed of sound in Pb-Pb collisions with ALICE] [Study of pT and its higher moments, and extraction of the speed of sound in Pb-Pb collisions with ALICE]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP11(2025)076. – sign UPJS SSEP 026177. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 11 (2025), art. no. 076, s. 1-38 [online] [printed form] [CD-ROM]
Number of all authors: 1067
[article]
Lit.: 67
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_123 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.64%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, M. (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková,

Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%): **Coherent J/ψ photoproduction at midrapidity in Pb − Pb collisions at √sNN = 5.02 TeV** = Coherent J/ψ photoproduction at midrapidity in Pb−Pb collisions at sNN=5.02 TeV . – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.139952. – sign UPJS SSEP 026226. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 871 (2025), art. no. 139952 , s. 1-12 [printed form] [online]
Number of all authors: 1081
[article]
Lit.: 52
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_124 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.548%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, Michelangelo (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%): **Observation of the Ω$_{f_0}$(2012) baryon at the LHC** [Observation of the Ωð2012Þ baryon at the LHC]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/v4mh-3r8z. – sign UPJS SSEP 026248. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 9 (2025), art. no. 092002, s. [1-20] [printed form] [online]
Number of all authors: 1082
[article]
Lit.: 98
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_125 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.211%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri Rinella, G. (Member of corporation) (0.093%) - Aglietta, Luca

(Member of corporation) (0.093%) - Agnello, Michelangelo (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%): **Measurement of isolated prompt photon production in pp and p–Pb collisions at the LHC**. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14802-w. – sign UPJS SSEP 026247. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 12 (2025), art. no. 1407, s. [1-21] [printed form] [online]
Number of all authors: 1074
[article]
Lit.: 53
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_126 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.958%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for single production of vector-like quarks decaying into W(lv)b in pp collisions at √s =13TeV with the ATLAS detector** [Search for single production of vector-like quarks decaying into W(lv)b in pp collisions at s=13 TeV with the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP12(2025)012. – OA ; SCO ; WOS CC ; CCC ; SCIE.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 12 (2025), art. no. 012, s. 1-55 [online] [printed form] [CD-ROM]
Number of all authors: 2914
[article]
Lit.: 117
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_127 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.244%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of the top-quark pole mass in dileptonic t t̄ + 1-jet events at √s = 13TeVwith the ATLAS experiment** [Measurement of the top-quark pole mass in dileptonic tt¯+ 1-jet events at s=13 TeV with the ATLAS experiment]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP12(2025)023. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 12 (2025), art. no. 023, s. 1-50 [online] [printed form] [CD-ROM]
Number of all authors: 2935
[article]
Lit.: 114
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_128 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.618%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of substructure-dependent suppression of large-radius jets with charged particles in Pb+Pb collisions with ATLAS** [Measurement of substructure-dependent suppression of large-radius jets with charged particles in Pb + Pb collisions with ATLAS]. – text, graphs. – [reviewed]. – DOI 10.1016/j.physletb.2025.139929. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 871 (2025), art. no. 139929, s. 1-17 [printed form] [online]
Number of all authors: 2924
[article]
Lit.: 65
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics,

particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_129 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.244%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for resonant leptoquark production via lepton-jet signatures in pp collisions at √s =13TeV and √s=13.6TeV with the ATLAS detector** [Search for resonant leptoquark production via lepton-jet signatures in pp collisions at s =13TeV and s=13.6TeV with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1007/JHEP12(2025)180. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 12 (2025), art. no. 180, s. 1-58 [online] [printed form] [CD-ROM]
Number of all authors: 2935
[article]
Lit.: 103
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_130 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.462%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **The environmental impact, carbon emissions and sustainability of computing in the ATLAS experiment**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14976-3. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 12 (2025), art. no. 1397, s. 1-37 [printed form] [online]
Number of all authors: 2987
[article]
Lit.: 74
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:

2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_131 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (2.947%) - Aakvaag, Erlend (Member of corporation) (0.033%) - Abbott, B. (Member of corporation) (0.033%) - Abdelhameed, Sara (Member of corporation) (0.033%) - Abeling, Kira (Member of corporation) (0.033%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.033%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.033%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.033%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.033%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.033%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.033%) - Sýkora, Ivan (Member of corporation) (0.033%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.033%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.033%): **Evidence for the Dimuon Decay of the Higgs Boson in pp Collisions with the ATLAS Detector**. – text, graphs, tables. – [reviewed]. – DOI 10.1103/gzdh-p159. – OA ; WOS CC ; SCIE ; CCC ; SCO.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 135, č. 23 (2025), art. no. 231802, s. 1-24 [printed form] [online]
Number of all authors: 2942
[article]
Lit.: 115
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_132 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.278%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for electroweak-scale dijet resonances using trigger-level analysis with the ATLAS detector in 132 fb−1 of pp collisions at √s =13TeV** [Search for electroweak-scale dijet resonances using trigger-level analysis with the ATLAS detector in 132 fb−1 of pp collisions at s =13 TeV]. – text, graphs. – [reviewed]. – DOI 10.1103/15p2-bkg8. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 9 (2025), art. no. 092015, s. 1-30 [printed form] [online]
Number of all authors: 2934
[article]
Lit.: 82
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:

2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_133 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.244%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Search for squarks and gluinos in pp collisions at √s = 13 TeV and 13.6 TeV in events with τ-leptons, jets and missing transverse momentum using the ATLAS detector** [Search for squarks and gluinos in pp collisions at s=13 TeV and 13.6 TeV in events with τ-leptons, jets and missing transverse momentum using the ATLAS detector] [Search for squarks and gluinos in pp collisions at √s = 13 TeV and 13.6 TeV in events with tau-leptons, jets and missing transverse momentum using the ATLAS detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14957-6. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 12 (2025), art. no. 1437, s. 1-47 [printed form] [online]
Number of all authors: 2935
[article]
Lit.: 176
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_134 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.992%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurement of high-mass $t\bar{t}l+l-$ production and lepton flavour universality-inspired effective field theory interpretations at √s = 13TeV with the ATLAS detector** [Measurement of high-mass $t\bar{t}l+l-$ production and lepton flavour universality-inspired effective field theory interpretations at s = 13 TeV with the ATLAS detector]. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14695-9. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 12 (2025), art. no. 1434, s. 1-36 [printed form] [online]
Number of all authors: 2913
[article]
Lit.: 101
[OV 091 Physics]
[ŠO 1160]

Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_135 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.686%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Kosťov, Matúš (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Measurements of Higgs boson production via gluon–gluon fusion and vector-boson fusion using H→WW∗→lνlν decays in pp collisions with the ATLAS detector and their effective field theory interpretations** [Measurements of Higgs boson production via gluon–gluon fusion and vector-boson fusion using H → WW∗ → ν ν decays in pp collisions with the ATLAS detector and their effective field theory interpretations]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14761-2. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 12 (2025), art. no. 1403, s. 1-62 [printed form] [online]
Number of all authors: 2922
[article]
Lit.: 167
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_136 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.06%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Estimation of backgrounds from jets misidentified as τ-leptons using the Universal Fake Factor method with the ATLAS detector** [Estimation of backgrounds from jets misidentified as tau-leptons using the Universal Fake Factor method with the ATLAS detector]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14916-1. – OA ; WOS CC ; SCIE ; CCC ; SCO.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 12 (2025), art. no. 1441, s. 1-36 [printed form] [online]
Number of all authors: 2911
[article]

Lit.: 85
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_137 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.91%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) [UKOMFKJFB] (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Precision calibration of calorimeter signals in the ATLAS experiment using an uncertainty-aware neural network**. – text, graphs, tables. – [reviewed]. – DOI 10.21468/SciPostPhys.19.6.155. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *SciPost Physics* [electronic document] . – Amsterdam (Netherlands) : SciPost Foundation. – ISSN (online) 2542-4653. – Roč. 19, č. 6 (2025), art. no. 155, s. 1-75 [online]
Number of all authors: 2886
[article]
Lit.: 49
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.4 - 2024
SNIP: 1,166 - 2024
SJR: 1,61 - 2024
CiteScore: 9 - 2024
AIS: 1.823 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_138 / KM3NeT Collaboration [Author corporation] ; Adriani, O. (Member of corporation) (0.478%) - Aiello, S. (Member of corporation) (0.342%) - Albert, A. (Member of corporation) (0.342%) - Alhebsi, A. R. (Member of corporation) (0.342%) - Alshamsi, M. (Member of corporation) (0.342%) - Beňušová, Zuzana (Member of corporation) [UKOMFKJFB] (0.342%) - Dvornický, Rastislav (Member of corporation) [UKOMFKJFB] (0.342%) - Eckerová, Eliška (Member of corporation) [UKOMFKJFB] (0.342%) - Šimkovic, Fedor (Member of corporation) [UKOMFKJFB] (0.342%): **KM3NeT constraint on Lorentz-violating superluminal neutrino velocity**. – text, graphs, tables. – [reviewed]. – DOI 10.1038/s42005-025-02347-z. – OA ; SCIE ; WOS CC ; CCC ; SCO.
In: *Communications physics* [electronic document] . – [London] (United Kingdom) : Springer Nature. – ISSN (online) 2399-3650. – Roč. 8, č. 1 (2025), art. no. 457, s. 1-5 [online]
Number of all authors: 292
[article]
Lit.: 41
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.8 - 2024
SNIP: 1,771 - 2024
SJR: 1,776 - 2024
CiteScore: 9 - 2024
AIS: 2.005 - 2024

Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_139 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.676%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Aglietta, L. (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%): **Observation of deuteron and antideuteron formation from resonance-decay nucleons**. – text, graphs. – [reviewed]. – DOI 10.1038/s41586-025-09775-5. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Nature* [printed document] [electronic document] . – London (United Kingdom) : Springer Nature. Nature Publishing Group. – ISSN 0028-0836. – ISSN (online) 1476-4687. – Roč. 648, č. 8093 (2025), s. 306-311 [printed form] [online]
Number of all authors: 1069
[article]
Lit.: 67
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 48.5 - 2024
SNIP: 10,161 - 2024
SJR: 18,288 - 2024
CiteScore: 78,1 - 2024
AIS: 23.402 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_140 / ALICE Collaboration [Author corporation] ; Acharya, S. (Member of corporation) (0.583%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.093%) - Aglietta, L. (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%): **Accessing the deuteron source with pion-deuteron femtoscopy in Pb-Pb collisions at √sNN=5.02 TeV** [Accessing the deuteron source with pion-deuteron femtoscopy in Pb-Pb collisions at sNN=5.02 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/mrp4-z4hh. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 112, č. 6 (2025), art. no. 064003, s. 1-16 [printed form] [online] [CD-ROM]
Number of all authors: 1070
[article]
Lit.: 86
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_141 / Abdallah, J. (Author) (1.825%) - Agaras, Merve Nazlim (Author) (1.785%) - Ahmad, A. (Author) (1.785%) - Arabidze, Giorgi (Author) (1.785%) - Bartoš, Pavol (Author) [UKOMFKJFB] (1.785%): **Study of the radiation hardness of the ATLAS Tile Calorimeter optical instrumentation with Run 2 data**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1088/1748-0221/20/06/P06006. – OA ; SCO ; WOS CC ; SCIE ; CCC.

In: *Journal of Instrumentation* [electronic document] : an IOP and SISSA journal. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1748-0221. – Roč. 20, č. 6 (2025), art. no. P06006, s. 1-26 [online]
Number of all authors: 56
[article]
Lit.: 39
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.3 - 2024
SNIP: 1,081 - 2024
SJR: 0,427 - 2024
CiteScore: 2,3 - 2024
AIS: 0.374 - 2024
Quartile Q:
2024, AIS - Instruments & instrumentation - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Mathematical physics -

V3_142 / Matejka, Martin (Author of correspondence) [Internal PhD student] [UKOPRBZO] (16.67%) - Abrahámovičová, Kristína (Author) [Internal PhD student] [UKOPRBZO] (16.666%) - Tomanovičová, Hana (Author) (16.666%) - Gera, Martin (Author) [UKOMFKAFZM] (16.666%) - Országhová, Zlatica (Author) [UKOPRBZO] (16.666%) - Rubáčová Turčoková, Lucia (Author) [UKOPRBZO] (16.666%): **Winter site fidelity of the Great Tit (Parus major) revealed by recaptures of individuals roosting in nest-boxes**. – text, graphs, tables. – [reviewed]. – DOI 10.51812/of.143428. – SCO ; WOS CC ; CCC ; SCIE ; OA.
In: *Ornis Fennica* [printed document] : Journal of BirdLife Finland. – Helsinki (Finland) : BirdLife Suomi. – ISSN 0030-5685. – Roč. 102, č. 1 (2025), s. 1-14 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 65
[OV 130 Life sciences - OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]
Journal Indicator:
IF: 1.2 - 2024
SNIP: 1,088 - 2024
SJR: 0,378 - 2024
CiteScore: 2 - 2024
AIS: 0.307 - 2024
Quartile Q:
2024, AIS - Ornithology - ; **2024, JCI** - Ornithology - ; **2024, JIF** - Ornithology - ; **2024, Scimago** - Animal science and zoology -

V3_143 / Jiangmen Underground Neutrino Observatory [Author corporation] ; Abusleme, Ángel (Author) (0.244%) - Adam, Thomas (Author) (0.153%) - Adamowicz, Kai (Author) (0.153%) - Ahmad, Shakeel (Author) (0.153%) - Ahmed, Rizwan (Author) (0.153%) - Khatun, Amina (Author) [UKOMFKJFB] (0.153%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (0.153%): **JUNO sensitivity to invisible decay modes of neutrons**. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-024-13638-0. – OA ; CCC ; SCO ; WOS CC ; SCIE ; Nature Index.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 1 (2025), art. no. 5, s. 1-20 [printed form] [online]
Number of all authors: 653
[article]
Lit.: 56
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics,

particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_144 / KM3NeT Collaboration [Author corporation] ; Adriani, Oscar (Author) (0.342%) - Aiello, Sebastiano (Author) (0.478%) - Albert, Arnauld (Author) (0.342%) - Alhebsi, A. R. (Author) (0.342%) - Alshamsi, Maitha (Author) (0.342%) - Beňušová, Zuzana (Author) [Internal PhD student] [UKOMFKJFB] (0.342%) - Dvornický, Rastislav (Author) [UKOMFKJFB] (0.342%) - Eckerová, Eliška (Author) [Internal PhD student] [UKOMFKJFB] (0.342%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (0.342%): **On the Potential Cosmogenic Origin of the Ultra-high-energy Event KM3-230213A**. – text, graphs. – [reviewed]. – DOI 10.3847/2041-8213/adcc29. – OA ; SCO ; WOS CC ; SCIE ; CCC ; Nature Index.
In: *The Astrophysical Journal Letters* [printed document] [electronic document] . – Bristol (United Kingdom) : Institute of Physics. – ISSN 2041-8205. – ISSN (online) 2041-8213. – Roč. 984, č. 2 (2025), art. no. L41, s. 1-8 [printed form] [online]
Number of all authors: 292
[article]
Lit.: 65
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 11.7 - 2024
SNIP: 2,034 - 2024
SJR: 3,713 - 2024
CiteScore: 16,1 - 2024
AIS: 3.277 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_145 / SuperNEMO Collaboration [Author corporation] ; Aguerre, Xalbat (Author) (1.28%) - Barabash, A. (Author) (1.234%) - Basharina-Freshville, A. (Author) (1.234%) - Bongrand, Mathieu (Author) (1.234%) - Bourgeois, Ch. (Author) (1.234%) - Breier, Róbert (Author) [UKOMFKJFB] (1.234%) - Kaizer, Jakub (Author) [UKOMFKJFB] (1.234%) - Petro, Maroš (Author) [External PhD student] [UKOMFKJFB] (1.234%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (1.234%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (1.234%): **Calorimeter commissioning of the SuperNEMO Demonstrator**. – text, photographs, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1088/1748-0221/20/11/T11003. – WOS CC ; SCIE ; CCC ; OA ; SCO.
In: *Journal of Instrumentation* [electronic document] : an IOP and SISSA journal. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1748-0221. – Roč. 20, č. 11 (2025), art. no. T11003, s. 1-23 [online]
Number of all authors: 81
[article]
Lit.: 36
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.3 - 2024
SNIP: 1,081 - 2024
SJR: 0,427 - 2024
CiteScore: 2,3 - 2024
AIS: 0.374 - 2024
Quartile Q:
2024, AIS - Instruments & instrumentation - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Mathematical physics -

V3_146 / SuperNEMO Collaboration [Author corporation] ; Aguerre, Xalbat (Author) (1.286%) - Barabash, Alexander S. (Author) (1.282%) - Basharina-Freshville, A. (Author) (1.282%) - Bongrand, Mathieu (Author) (1.282%) - Bourgeois, Ch. (Author) (1.282%) - Breier, Róbert (Author) [UKOMFKJFB] (1.282%) - Kaizer, Jakub (Author) [UKOMFKJFB] (1.282%) - Petro, Maroš (Author) [External PhD student] [UKOMFKJFB] (1.282%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (1.282%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (1.282%): **The impact of helium exposure on the PMTs of the SuperNEMO experiment**. – text, photographs, graphs, tables. – [reviewed]. – DOI 10.1088/1748-0221/20/06/P06018. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Journal of Instrumentation* [electronic document] : an IOP and SISSA journal. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1748-0221. – Roč. 20, č. 6 (2025), art. no. P06018, s. 1-19 [online]

Number of all authors: 78
[article]
Lit.: 17
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.3 - 2024
SNIP: 1,081 - 2024
SJR: 0,427 - 2024
CiteScore: 2,3 - 2024
AIS: 0.374 - 2024
Quartile Q:
2024, AIS - Instruments & instrumentation - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Mathematical physics -

V3_147 / KM3NeT Collaboration [Author corporation] ; Aiello, S. (Author) (0.586%) - Albert, A. (Author) (0.378%) - Alhebsi, A. R. (Author) (0.378%) - Alshamsi, M. (Author) (0.378%) - Alves Garre, Sergio (Author) (0.378%) - Beňušová, Zuzana (Author) [UKOMFKJFB] (0.378%) - Dvornický, Rastislav (Author) [UKOMFKJFB] (0.378%) - Eckerová, Eliška (Author) [UKOMFKJFB] (0.378%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (0.378%): **gSeaGen code by KM3NeT: An efficient tool to propagate muons simulated with CORSIKA**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.cpc.2025.109660. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Computer Physics Communications* [printed document] [electronic document] : An International Journal and Program Library for Computational Physics and Physical Chemistry. – Amsterdam (Netherlands) : Elsevier. – ISSN 0010-4655. – ISSN (online) 1879-2944. – č. 314 (2025), art. no. 109660, s. 1-15 [printed form] [online]
Number of all authors: 264
[article]
Lit.: 47
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 3,343 - 2024
SJR: 1,946 - 2024
CiteScore: 14 - 2024
AIS: 2.000 - 2024
Quartile Q:
2024, AIS - Computer science, interdisciplinary applications - ; **2024, AIS** - Physics, mathematical - ; **2024, JCI** - Computer science, interdisciplinary applications - ; **2024, JCI** - Physics, mathematical - ; **2024, JIF** - Computer science, interdisciplinary applications - ; **2024, JIF** - Physics, mathematical - ; **2024, Scimago** - Hardware and architecture - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_148 / KM3NeT Collaboration [Author corporation] ; Aiello, S. (Author) (0.476%) - Albert, A. (Author) (0.358%) - Alhebsi, A. R. (Author) (0.358%) - Alshamsi, M. (Author) (0.358%) - Alves Garre, Sergio (Author) (0.358%) - Beňušová, Zuzana (Author) [UKOMFKJFB] (0.358%) - Dvornický, Rastislav (Author) [UKOMFKJFB] (0.358%) - Eckerová, Eliška (Author) [UKOMFKJFB] (0.358%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (0.358%): **Measurement of the atmospheric νμ flux with six detection units of KM3NeT/ORCA** [Measurement of the atmospheric νmí flux with six detection units of KM3NeT/ORCA]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14513-2. – OA ; SCO ; WOS CC ; CCC ; SCIE.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 8 (2025), art. no. 871, s. 1-11 [printed form] [online]
Number of all authors: 279
[article]
Lit.: 44
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024

Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_149 / Aird, Amanda (Author) (30%) - Farastu, Paresha (Author) (5%) - Sun, Joshua (Author) (5%) - Štefancová, Elena (Author) [Internal PhD student] [UKOMFKAI] (15%) - All, Cassidy (Author) (10%) - Voida, Amy (Author) (10%) - Mattei, Nicholas (Author) (10%) - Burke, Robin (Author) (15%): **Dynamic Fairness-aware Recommendation Through Multi-agent Social Choice**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1145/3690653. – OA.
In: *ACM Transactions on Recommender Systems* [electronic document] . – New York (United States) : Association for Computing Machinery. – ISSN (online) 2770-6699. – Roč. 3, č. 2 (2025), art. no. 21, s. [1-35] [online]
Number of all authors: 8
[article]
Lit.: 67
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

V3_150 / Baikal-GVD Collaboration [Author corporation] ; Allakhverdyan, V. A. (Author) (1.468%) - Avrorin, Aleksandr D. (Author) (1.428%) - Avrorin, Aleksandr V. (Author) (1.428%) - Aynutdinov, Vladimír M. (Author) (1.428%) - Beňušová, Zuzana (Author) [Internal PhD student] [UKOMFKJFB] (1.428%) - Dvornický, Rastislav (Author) [UKOMFKJFB] (1.428%) - Eckerová, Eliška (Author) [Internal PhD student] [UKOMFKJFB] (1.428%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (1.428%): **Probing the Galactic Neutrino Flux at Neutrino Energies above 200TeV with the Baikal Gigaton Volume Detector** [Probing the Galactic Neutrino Flux at Neutrino Energies above 200 TeV with the Baikal Gigaton Volume Detector]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.3847/1538-4357/adb630. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *The Astrophysical Journal* [printed document] [electronic document] . – Londýn (United Kingdom) : Institute of Physics. IOP Publishing, Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0004-637X. – ISSN (online) 1538-4357. – Roč. 982, č. 2 (2025), art. no. 73, s. 1-6 [printed form] [online]
Number of all authors: 70
[article]
Lit.: 43
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.4 - 2024
SNIP: 1,255 - 2024
SJR: 2,038 - 2024
CiteScore: 8,4 - 2024
AIS: 1.552 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_151 / Allakhverdyan, V. A. (Author) (1.568%) - Avrorin, Aleksandr D. (Author) (1.538%) - Avrorin, Aleksandr V. (Author) (1.538%) - Aynutdinov, Vladimír M. (Author) (1.538%) - Beňušová, Zuzana (Author) [UKOMFKJFB] (1.538%) - Dvornický, Rastislav (Author) [UKOMFKJFB] (1.538%) - Eckerová, Eliška (Author) [UKOMFKJFB] (1.538%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (1.538%): **Application of an Inertial Positioning System for Estimation of Coordinates and Orientation of Optical Modules of the Baikal-GVD Deep Underwater Neutrino Telescope**. – text, photographs, graphs, pictures (illustration). – [reviewed]. – DOI 10.1134/S0020441225700551. – SCO ; WOS CC ; SCIE ; CCC.
In: *Instruments and Experimental Techniques* [printed document] [electronic document] . – New York (United States) : Nauka Publishers. MAIK Nauka/Interperiodica. – ISSN 0020-4412. – ISSN (online) 1608-3180. – Roč. 68, č. 3 (2025), s. 453-460 [printed form] [online]
Number of all authors: 65
[article]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 0.4 - 2024
SNIP: 0,49 - 2024

SJR: 0,234 - 2024
CiteScore: 0,9 - 2024
AIS: 0.093 - 2024
Quartile Q:
2024, AIS - Engineering, multidisciplinary - ; **2024, AIS** - Instruments & instrumentation - ; **2024, JCI** - Engineering, multidisciplinary - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Engineering, multidisciplinary - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Instrumentation -

V3_152 / Baikal-GVD Collaboration [Author corporation] ; Allakhverdyan, V. A. (Author) (1.452%) - Avrorin, Aleksandr D. (Author) (1.388%) - Avrorin, Aleksandr V. (Author) (1.388%) - Aynutdinov, Vladimír M. (Author) (1.388%) - Beňušová, Zuzana (Author) [UKOMFKJFB] (1.388%) - Dvornický, Rastislav (Author) [UKOMFKJFB] (1.388%) - Eckerová, Eliška (Author) [UKOMFKJFB] (1.388%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (1.388%): **Constraints on the diffuse flux of multi-PeV astrophysical neutrinos obtained with the Baikal Gigaton Volume Detector**. – text, graphs, tables. – [reviewed]. – DOI 10.1103/jlz3-26lw. – OA ; SCIE ; CCC ; SCO ; WOS CC.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 8 (2025), art. no. 083025, s. 1-7 [printed form] [online]
Number of all authors: 72
[article]
Lit.: 33
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_153 / Halim, Yacine (Author of correspondence) (20%) - Allam, Asma (Author) (20%) - Fečkan, Michal (Author) [UKOMFKMANM] (20%) - Redjam, Ibtissem (Author) (20%) - Gümüş, Mehmet (Author) (20%): **Exploring competitive, mutualistic, and other interactions in a discrete community model**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/s12190-024-02338-3. – CCC ; SCO ; WOS CC ; SCIE.
In: *Journal of applied mathematics and computing* [printed document] [electronic document] : an international journal. – Heidelberg (Germany) : Springer Nature. Springer International Publishing AG. – ISSN 1598-5865. – ISSN (online) 1865-2085. – Roč. 71, č. 2 (2025), s. 2749-2778 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 42
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.7 - 2024
SNIP: 1,426 - 2024
SJR: 0,749 - 2024
CiteScore: 4,4 - 2024
AIS: 0.624 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Computational mathematics -

V3_154 / Likonen, Jari (Author of correspondence) (4.182%) - Almaviva, Salvatore (Author) (4.166%) - Rayaprolu, Rahul (Author) (4.166%) - Yi, Rongxing (Author) (4.166%) - Jepu, Ionut (Author) (4.166%) - Sergienko, Gennady V. (Author) (4.166%) - Widdowson, Anna (Author) (4.166%) - Jones, Nick (Author) (4.166%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (4.166%) - Dittmar, Timo (Author) (4.166%) - Karhunen, Juuso (Author) (4.166%) - Gasior, Pawel (Author) (4.166%) - Kawan, Christoph (Author) (4.166%) - Sackers, Marc (Author) (4.166%) - Soni,

Shweta (Author) [Internal PhD student] [UKOMFKEF] (4.166%) - Wüst, Erik (Author) (4.166%) - Brezinsek, Sebastijan (Author) (4.166%) - Butikova, Jelena (Author) (4.166%) - Gromelski, Wojciech (Author) (4.166%) - Hakola, Antti H. (Author) (4.166%) - Jogi, Indrek (Author) (4.166%) - Paris, Peeter (Author) (4.166%) - Ristkok, Jasper (Author) (4.166%) - Veis, Pavel (Author) [UKOMFKEF] (4.166%): **First Demonstration of laser induced breakdown spectroscopy using remote handling for in-vessel analysis of JET components**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.nme.2025.102021. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Nuclear Materials and Energy* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2352-1791. – č. 45 (2025), art. no. 102021, s. 1-11 [online]
Number of all authors: 24
[article]
Lit.: 46
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.7 - 2024
SNIP: 1,236 - 2024
SJR: 0,839 - 2024
CiteScore: 4,2 - 2024
AIS: 0.731 - 2024
Quartile Q:
2024, AIS - Nuclear science & technology - ; **2024, JCI** - Nuclear science & technology - ; **2024, JIF** - Nuclear science & technology - ; **2024, Scimago** - Materials science (miscellaneous) - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Nuclear energy and engineering -

V3_155 / Ristkok, Jasper (Author of correspondence) (5.888%) - Almaviva, Salvatore (Author) (5.882%) - Likonen, Jari (Author) (5.882%) - Karhunen, Juuso (Author) (5.882%) - Jogi, Indrek (Author) (5.882%) - Paris, Peeter (Author) (5.882%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (5.882%) - Veis, Pavel (Author) [UKOMFKEF] (5.882%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (5.882%) - Butikova, Jelena (Author) (5.882%) - Yi, Rongxing (Author) (5.882%) - Jepu, Ionut (Author) (5.882%) - Gasior, Pawel (Author) (5.882%) - Porosnicu, Corneliu (Author) (5.882%) - Bojan, Mihaela (Author) (5.882%) - Solomonea, Bianca (Author) (5.882%) - Brezinsek, Sebastijan (Author) (5.882%): **Preparing LIBS for in-situ measurements in JET tokamak: system overview and co-deposited layer thicknesses**. – text, photographs, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.nme.2025.101968. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Nuclear Materials and Energy* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2352-1791. – č. 44 (2025), art. no. 101968, s. 1-12 [online]
Number of all authors: 17
[article]
Lit.: 35
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.7 - 2024
SNIP: 1,236 - 2024
SJR: 0,839 - 2024
CiteScore: 4,2 - 2024
AIS: 0.731 - 2024
Quartile Q:
2024, AIS - Nuclear science & technology - ; **2024, JCI** - Nuclear science & technology - ; **2024, JIF** - Nuclear science & technology - ; **2024, Scimago** - Materials science (miscellaneous) - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Nuclear energy and engineering -

V3_156 / ISOLDE Decay Station [Author corporation] ; Mišt, Jozef (Author of correspondence) [Internal PhD student] [UKOMFKJFB] (1.594%) - Andel, Boris (Author) [UKOMFKJFB] (1.562%) - Andreyev, A. N. (Author) (1.562%) - Barzakh, A. E. (Author) (1.562%) - Cubiss, J. G. (Author) (1.562%) - Algora, Alejandro (Author) (1.562%) - Antalic, Stanislav (Author) [UKOMFKJFB] (1.562%) - Athanasakis-Kaklamanakis, Michail (Author) (1.562%) - Sitarčík, Adam (Author) (1.562%): **β- and α-decay spectroscopy of 182Au** [Beta- and alpha-decay spectroscopy of 182Au]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/rf8d-v286. – WOS CC ; OA ; SCIE ; SCO ; CCC.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 112, č. 2 (2025), art. no. 024328, s. 1-16 [printed form] [online] [CD-ROM]
Number of all authors: 64
[article]

Lit.: 72
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_157 / Andreyev, A. N. (Author) (1.112%) - Barzakh, Anatoly (Author of correspondence) (1.052%) - Seliverstov, Maxim D. (Author) (1.052%) - Yue, Zhicheng (Author) (1.052%) - Liu, Menglan (Author) (1.052%) - Antalic, Stanislav (Author) [UKOMFKJFB] (1.052%) - Andel, Boris (Author) [UKOMFKJFB] (1.052%): **Electromagnetic moments of 215,217Bi: Probing shell evolution beyond N=126**. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physletb.2025.140013. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 871 (2025), art. no. 140013, s. 1-9 [printed form] [online]
Number of all authors: 95
[article]
Lit.: 73
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_158 / Barzakh, Anatoly (Author of correspondence) (1.1%) - Andreyev, A. N. (Author) (1.075%) - Yue, Zhicheng (Author) (1.075%) - Nies, L. (Author) (1.075%) - Seliverstov, Maxim D. (Author) (1.075%) - Antalic, Stanislav (Author) [UKOMFKJFB] (1.075%) - Andel, Boris (Author) [UKOMFKJFB] (1.075%): **Charge radii and electromagnetic moments of 214-218Bi: Exploring the "southern" border of the Z>82 octupole-deformation region**. – text, graphs, tables. – [reviewed]. – DOI 10.1103/sltw-g4d6. – OA ; WOS CC ; SCIE ; SCO ; CCC.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 112, č. 3 (2025), art. no. 034304, s. 1-10 [printed form] [online] [CD-ROM]
Number of all authors: 93
[article]
Lit.: 70
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_159 / CRESST Collaboration [Author corporation] ; Angloher, Godehard (Author) (1.66%) - Casadei, F. (Author) (1.639%) - Cipelli, E. (Author) (1.639%) - Canonica, L. (Author) (1.639%) - Dominsky, F. (Author of

correspondence) (1.639%) - Breier, Róbert (Author) [UKOMFKJFB] (1.639%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (1.639%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (1.639%): **Observation of a low energy nuclear recoil peak in the neutron calibration data of an Al2O3 crystal in CRESST-III**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/bb31-pgzg. – OA ; SCO ; WOS CC ; CCC ; SCIE.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 10 (2025), art. no. 102008, s. 1-11 [printed form] [online]
Number of all authors: 61
[article]
Lit.: 53
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_160 / Asada, Toichiro (Author) (33.334%) - Demetrian, Michal (Author) [UKOMFKMANM] (33.333%) - Zimka, Rudolf (Author) [UMBEF05] (33.333%): **Dynamic Keynesian models of monetary and fiscal stabilization policies**. – text. – [reviewed].
In: *The Review of Keynesian Studies* [electronic document] . – Tokyo (Japan) : Keynes Society Japan. – ISSN (online) 2435-6581. – č. 7 (2025), s. 1-13 [online]
Number of all authors: 3
[article]
Lit.: 26
[OV 240 Mathematics and statistics - OV 080 Economics and management]
[ŠO 1113 - ŠO 6213]

V3_161 / Avrorin, Aleksandr D. (Author) (1.568%) - Avrorin, Aleksandr V. (Author) (1.538%) - Aynutdinov, Vladimír M. (Author) (1.538%) - Allakhverdyan, V. A. (Author) (1.538%) - Beňušová, Zuzana (Author) [UKOMFKJFB] (1.538%) - Dvornický, Rastislav (Author) [UKOMFKJFB] (1.538%) - Eckerová, Eliška (Author) [UKOMFKJFB] (1.538%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (1.538%): **Instruments and Techniques for Long-term Monitoring of Optical Properties of Deep Waters of Lake Baikal**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1134/S1024856025700484. – SCO ; WOS CC ; ESCI.
In: *Atmospheric and Oceanic Optics* [printed document] [electronic document] . – New York (United States) : Nauka Publishers. MAIK Nauka/Interperiodica. Pleiades Publishing. – ISSN 1024-8560. – ISSN (online) 2070-0393. – Roč. 38, č. 5 (2025), s. 609-617 [printed form] [online]
Number of all authors: 65
[article]
Lit.: 29
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 0.9 - 2024
SNIP: 0,417 - 2024
SJR: 0,241 - 2024
CiteScore: 1,7 - 2024
AIS: 0.094 - 2024
Quartile Q:
2024, AIS - Optics - ; **2024, JCI** - Optics - ; **2024, JIF** - Optics - ; **2024, Scimago** - Atmospheric science - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Earth-surface processes - ; **2024, Scimago** - Ecological modeling - ; **2024, Scimago** - Environmental science (miscellaneous) - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Oceanography - ; **2024, Scimago** - Pollution -

V3_162 / Azhniuk, Yuriy (Author) (10%) - Pogodin, Artem (Author) (10%) - Izai, Vitalii (Author)

[UKOMFCENAM] (10%) - Filep, Mykhailo (Author) (10%) - Lopushansky, Vasyl (Author) (10%) - Yukhymchuk, Volodymyr (Author) (10%) - Kryshenik, Volodymyr (Author) (10%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Voynarovych, Ivan (Author) (10%) - Gomonnai, Alexander V. (Author) (10%): **Phase separation and photoinduced migration of silver in Agx(As2S3)1−x glasses**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1088/2053-1591/ae0782. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Materials Research Express* [electronic document] . – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 2053-1591. – Roč. 12, č. 9 (2025), art. no. 095201, s. 1-14 [online]
Number of all authors: 10
[article]
Lit.: 68
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.2 - 2024
SNIP: 0,653 - 2024
SJR: 0,434 - 2024
CiteScore: 3,7 - 2024
AIS: 0.293 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, Scimago** - Biomaterials - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Metals and alloys - ; **2024, Scimago** - Polymers and plastics - ; **2024, Scimago** - Surfaces, coatings and films -

V3_163 / Babiš, Alex (Author) [Internal PhD student] [UKOMFKAMS] (100%): **Performance Evaluation of a Family of GARCH Processes Based on Value at Risk Forecasts** : Data Envelopment Analysis Approach. – text, graphs. – [reviewed]. – DOI 10.1007/s10614-024-10743-w. – CCC ; SCO ; WOS CC ; SCIE ; OA.
In: *Computational Economics* [printed document] [electronic document] : formerly computer science in economics and management. – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 0927-7099. – ISSN (online) 1572-9974. – Roč. 66, č. 2 (2025), s. 1379-1411 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 50
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.2 - 2024
SNIP: 1,195 - 2024
SJR: 0,535 - 2024
CiteScore: 4,9 - 2024
AIS: 0.417 - 2024
Quartile Q:
2024, AIS - Economics - ; **2024, AIS** - Management - ; **2024, AIS** - Mathematics, interdisciplinary applications - ; **2024, JCI** - Economics - ; **2024, JCI** - Management - ; **2024, JCI** - Mathematics, interdisciplinary applications - ; **2024, JIF** - Economics - ; **2024, JIF** - Management - ; **2024, JIF** - Mathematics, interdisciplinary applications - ; **2024, Scimago** - Computer science applications - ; **2024, Scimago** - Economics, econometrics and finance (miscellaneous) -

V3_164 / Babušíková, Jela (Author) [UKOMFKMANM] (33.334%) - Filo, Ján (Author of correspondence) [UKOMFKMANM] (33.333%) - Mihala, Patrik (Author) [UKOMFKMANM] (33.333%): **Double nonlinear diffusion equations in a two-component domain**. – text, pictures (illustration). – [reviewed]. – DOI 10.1007/s41808-025-00326-7. – WOS CC ; SCO ; ESCI ; OA.
In: *Journal of Elliptic and Parabolic Equations* [printed document] [electronic document] . – Heidelberg (Germany) : Springer Nature. – ISSN 2296-9020. – ISSN (online) 2296-9039. – suppl. Special Issue in Memory of Marek Fila: Explorations in elliptic and parabolic partial differential equations Roč. 11, č. 3 (2025), s. 2115-2151 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 17
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.1 - 2024

SNIP: 1,076 - 2024
SJR: 0,676 - 2024
CiteScore: 1,8 - 2024
AIS: 0.573 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Analysis - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Numerical analysis -

V3_165 / Bagale, Rupali (Author) (5%) - Yesupatham, Manova Santhosh (Author) (5%) - Hambli, Abdellah (Author) (5%) - Sahu, Subhankar (Author of correspondence) (5%) - Ritzenthaler, Christophe (Author) (5%) - Amiri, Mandana (Author) (5%) - Spagnolo, Sandro (Author) [UKOMFKJFB] (5%) - Kálosi, Anna (Author) (5%) - Basini, Francesco (Author) (5%) - Happy, Henri (Author) (5%) - Boukherroub, Rabah (Author) (5%) - Knoll, Wolfgang (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (5%) - Majková, Eva (Author) (5%) - Šiffalovič, Peter (Author) (5%) - Corradini, Roberto (Author) (5%) - Montaigne, David (Author) (5%) - Woitrain, Eloise (Author) (5%) - Hvizdošová Annušová, Adriana (Author of correspondence) (5%) - Szunerits, Sabine (Author of correspondence) (5%): **Point-of-Care Applicability of Graphene-Based Field Effect Transistors upon Modification with a Pyrene-Tagged Antifouling Copolymer: Application for cTnI Sensing in Blood**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1021/acssensors.5c02191. – WOS CC ; SCIE ; SCO ; CCC.
In: *ACS Sensors* [electronic document] . – Washington (United States) : American Chemical Society. – ISSN (online) 2379-3694. – Roč. 10, č. 9 (2025), s. 7072-7083 [online]
Number of all authors: 20
[article]
Lit.: 45
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1420 - ŠO 1160]
Journal Indicator:
IF: 9.1 - 2024
SNIP: 1,469 - 2024
SJR: 1,757 - 2024
CiteScore: 13,4 - 2024
AIS: 1.539 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, AIS** - Chemistry, multidisciplinary - ; **2024, AIS** - Nanoscience & nanotechnology - ; **2024, JCI** - Chemistry, analytical - ; **2024, JCI** - Chemistry, multidisciplinary - ; **2024, JCI** - Nanoscience & nanotechnology - ; **2024, JIF** - Chemistry, analytical - ; **2024, JIF** - Chemistry, multidisciplinary - ; **2024, JIF** - Nanoscience & nanotechnology - ; **2024, Scimago** - Bioengineering - ; **2024, Scimago** - Fluid flow and transfer processes - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Process chemistry and technology -

V3_166 / Bališ, Peter (Author) (10%) - Grman, M. (Author) (10%) - Berényiová, Andrea (Author) (10%) - Tomášová, L. (Author) (10%) - Rošťáková, Z. (Author) (10%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Chovanec, Michal (Author) [UKOLF2ONK] (10%) - Alvarez, Daniel (Author) (10%) - Ondriaš, Karol (Author) (10%) - Mišák, Anton (Author) (10%): **Selenite interaction products with thiols have reducing properties, reduce blood pressure and tension of mesenteric arteries in normotension rats** = Produkty interakcie seleničitanu s tiolmi majú redukčné vlastnosti, znižujú krvný tlak a tenziu mezenterických artérií u normotenzných potkanov. – text. – [reviewed].
In: *Cardiology letters* [printed document] [electronic document] . – Bratislava (Slovakia) : Slovenská kardiologická spoločnosť. – ISSN 1338-3655. – ISSN (online) 1338-3760. – Roč. 34, č. 1 (2025), s. 56-57 [printed form] [online]
Kongres Slovenskej kardiologickej spoločnosti, 29 [Šamorín, Slovakia, 02.10.2024-04.10.2024]
Number of all authors: 10
[abstract from event - AR]
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
SNIP: 0,059 - 2024
SJR: 0,113 - 2024
CiteScore: 0,2 - 2024
Quartile Q:
2024, Scimago - Cardiology and cardiovascular medicine -

V3_167 / Bara, Silvia (Author) (2%) - Algora, Alejandro (Author) (1.96%) - Andel, Boris (Author) [UKOMFKJFB] (1.96%) - Andreyev, A. N. (Author) (1.96%) - Antalic, Stanislav (Author) [UKOMFKJFB] (1.96%) - Mišt, Jozef

(Author) [Internal PhD student] [UKOMFKJFB] (1.96%) - Sitarčík, Adam (Author) (1.96%): **New upper limits for beta-delayed fission probabilities of 230,232 Fr and 230,232,234 Ac**. – text. – [reviewed]. – DOI 10.1103/PhysRevC.111.065803. – CCC ; WOS CC ; SCO ; OA ; SCIE.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 111, č. 6 (2025), art. no. 065803, s. 1-11 [printed form] [online] [CD-ROM]
Number of all authors: 51
[article]
Lit.: 41
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_168 / Barabash, Alexander S. (Author) (3.85%) - Belli, Pierluigi (Author) (3.846%) - Bernabei, Rita (Author of correspondence) (3.846%) - Boiko, Roman (Author) (3.846%) - Cappella, Fabio (Author) (3.846%) - Nitescu, Ovidiu-Vasile (Author) [Internal PhD student] [UKOMFKJFB] (3.846%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (3.846%): **Double-beta decay of 150Nd to excited levels of 150Sm**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-13901-y. – WOS CC ; SCIE ; CCC ; SCO ; OA ; Nature Index.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 2 (2025), art. no. 174, s. 1-30 [printed form] [online]
Number of all authors: 26
[article]
Lit.: 107
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_169 / Baránek, Martin (Author) [Internal PhD student] [UKOMFKEF] (40%) - Neilinger, Pavol (Author) [UKOMFKEF] (30%) - Manca, Daniel (Author) [UKOMFKEF] (10%) - Turutanov, Oleh (Author) [UKOMFKEF] (10%) - Grajcar, Miroslav (Author) [UKOMFKEF] (10%): **Conductivity of strongly disordered ultra-thin MoC superconducting films investigated by transmission line spectroscopy**. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physc.2025.1354749. – SCO ; CCC ; WOS CC ; SCIE.
In: *Physica C* [printed document] [electronic document] : Superconductivity and its Applications. – Amsterdam (Netherlands) : Elsevier. – ISSN 0921-4534. – ISSN (online) 1873-2143. – č. 635 (2025), art. no. 1354749, s. 1-6 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 33
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.0 - 2024
SNIP: 0,563 - 2024
SJR: 0,313 - 2024

CiteScore: 2,4 - 2024
AIS: 0.256 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Energy engineering and power technology -

V3_170 / Bečková, Iveta (Author) (21%) - Pócoš, Štefan (Author) [UKOMFKAI] (21%) - Belgiovine, Giulia (Author) (12%) - Matarese, Marco (Author) (12%) - Eldardeer, Omar (Author) (9%) - Sciutti, Alessandra (Author) (5%) - Mazzola, Carlo (Author) (20%): **A multi-modal explainability approach for human-aware robots in multi-party conversation**. – text. – [reviewed]. – DOI 10.1016/j.cviu.2025.104304. – CCC ; WOS CC ; SCO ; OA ; SCIE.
In: *Computer Vision and Image Understanding* [printed document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 1077-3142. – č. 253 (2025), art. no. 104304, s. 1-22 [printed form]
Number of all authors: 7
[article]
Lit.: 91
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
IF: 3.5 - 2024
SNIP: 1,501 - 2024
SJR: 0,856 - 2024
CiteScore: 7,1 - 2024
AIS: 1.112 - 2024
Quartile Q:
2024, AIS - Computer science, artificial intelligence - ; **2024, AIS** - Engineering, electrical & electronic - ; **2024, JCI** - Computer science, artificial intelligence - ; **2024, JCI** - Engineering, electrical & electronic - ; **2024, JIF** - Computer science, artificial intelligence - ; **2024, JIF** - Engineering, electrical & electronic - ; **2024, Scimago** - Computer vision and pattern recognition - ; **2024, Scimago** - Signal processing - ; **2024, Scimago** - Software -

V3_171 / Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (15%) - Poláčková, Magdaléna (Author) [Internal PhD student] [UKOMFCENAM] (15%) - Zhytlukhina, Olena S. (Author) [UKOMFCENAM] (15%) - Grančič, Branislav (Author) [UKOMFCENAM] (10%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Ďurina, Pavol (Author) [UKOMFCENAM] (10%) - Gregor, Maroš (Author) [UKOMFCENAM] (15%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (10%): **Probing hybrid metallic sandwiches with nonlocal four-terminal electrical measurements**. – text. – [reviewed]. – DOI 10.1038/s41598-025-07507-3. – WOS CC ; CCC ; SCO ; SCIE.
In: *Scientific reports* [electronic document] . – Londýn (United Kingdom) : Springer Nature. Nature Publishing Group. – ISSN (online) 2045-2322. – Roč. 15, č. 1 (2025), art. no. 23433, s. 1-6 [online]
Number of all authors: 8
[article]
Lit.: 45
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.9 - 2024
SNIP: 1,213 - 2024
SJR: 0,874 - 2024
CiteScore: 6,7 - 2024
Nordic List: 1 - 2024
AIS: 1.031 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_172 / Beneš, Michael (Author) (33.334%) - Kolář, Miroslav (Author) (33.333%) - Ševčovič, Daniel (Author of correspondence) [UKOMFKAMS] (33.333%): **On Diffusion and Transport Acting on Parameterized Moving Closed Curves in Space**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1002/mma.70102. – CCC ; WOS CC ; SCO ; SCIE.
In: *Mathematical Methods in the Applied Sciences* [printed document] [electronic document] . – Hoboken (United States) : John Wiley & Sons. – ISSN 0170-4214. – ISSN (online) 1099-1476. – Roč. 48, č. 18 (2025), s.

16480-16494 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 45
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.8 - 2024
SNIP: 1,027 - 2024
SJR: 0,63 - 2024
CiteScore: 4,9 - 2024
AIS: 0.473 - 2024
Quartile Q:
2024, AIS - Mathematics, applied - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_173 / Bielska, Beata (Author) (11.112%) - Wronska, Natalia (Author) (11.111%) - Kolodziejczyk-Czepas, Joanna (Author) (11.111%) - Mignani, Serge (Author) (11.111%) - Majoral, Jean-Pierre (Author) (11.111%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (11.111%) - Lisowska, Katarzyna (Author) (11.111%) - Bryszewska, Maria (Author) (11.111%) - Milowska, Katarzyna (Author) (11.111%): **Biocompatibility of Phosphorus Dendrimers and Their Antibacterial Properties as Potential Agents for Supporting Wound Healing**. – text. – [reviewed]. – DOI 10.1021/acs.molpharmaceut.4c01156. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Molecular Pharmaceutics* [printed document] [electronic document] . – Washington (United States) : American Chemical Society. – ISSN 1543-8384. – ISSN (online) 1543-8392. – Roč. 22, č. 2 (2025), s. 927-939
Number of all authors: 9
[article]
Lit.: 76
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 0,941 - 2024
SJR: 0,968 - 2024
CiteScore: 7,8 - 2024
AIS: 0.836 - 2024
Quartile Q:
2024, AIS - Medicine, research & experimental - ; **2024, AIS** - Pharmacology & pharmacy - ; **2024, JCI** - Medicine, research & experimental - ; **2024, JCI** - Pharmacology & pharmacy - ; **2024, JIF** - Medicine, research & experimental - ; **2024, JIF** - Pharmacology & pharmacy - ; **2024, Scimago** - Drug discovery - ; **2024, Scimago** - Molecular medicine - ; **2024, Scimago** - Pharmaceutical science -

V3_174 / Blažek, Tomáš (Author) [UKOMFKTF] (10%) - Maták, Peter (Author of correspondence) [UKOMFKTF] (45%) - Zaujec, Viktor (Author) [Internal PhD student] [UKOMFKTF] (45%): **Asymmetric dark matter from semi-annihilation: unitarity constraints and long-lived final states**. – text, graphs. – [reviewed]. – DOI 10.1007/JHEP04(2025)104. – WOS CC ; SCIE ; CCC ; OA ; SCO ; Nature Index.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – č. 4 (2025), art. no. 104, s. 1-12 [online] [printed form] [CD-ROM]
Number of all authors: 3
[article]
Lit.: 48
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_175 / Blažek, Tomáš (Author) [UKOMFKTF] (10%) - Maták, Peter (Author of correspondence) [UKOMFKTF] (40%) - Ramaj, Ján (Author) (25%) - Sabová, Martina (Author) (25%): **Minimal effective theory for leptogenesis, dark matter, and neutrino masses**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14543-w. – WOS CC ; SCIE ; CCC ; SCO ; OA.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 7 (2025), art. no. 801, s. 1-8 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 47
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_176 / Bokes, Pavol (Author) [UKOMFKAMS] (50%) - Singh, Abhyudai (Author) (50%): **Optimisation of gene expression noise for cellular persistence against lethal events**. – text. – [reviewed]. – DOI 10.1016/j.jtbi.2024.111996. – CCC ; WOS CC ; SCO ; SCIE.
In: *Journal of Theoretical Biology* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0022-5193. – ISSN (online) 1095-8541. – č. 598 (2025), art. no. 111996, s. 1-8 [printed form]
Number of all authors: 2
[article]
Lit.: 60
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.0 - 2024
SNIP: 0,709 - 2024
SJR: 0,532 - 2024
CiteScore: 4,2 - 2024
AIS: 0.563 - 2024
Quartile Q:
2024, AIS - Biology - ; **2024, AIS** - Mathematical & computational biology - ; **2024, JCI** - Biology - ; **2024, JCI** - Mathematical & computational biology - ; **2024, JIF** - Biology - ; **2024, JIF** - Mathematical & computational biology - ; **2024, Scimago** - Agricultural and biological sciences (miscellaneous) - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Biochemistry, genetics and molecular biology (miscellaneous) - ; **2024, Scimago** - Immunology and microbiology (miscellaneous) - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Modeling and simulation - ; **2024, Scimago** - Statistics and probability -

V3_177 / Bong, Novi H. (Author) (25%) - Dalfó, Cristina (Author) (25%) - Fiol, Miguel Angel (Author) (25%) - Závacká, Dominika (Author) [Internal PhD student] [UKOMFKAI] (25%): **Some inner metric parameters of a digraph: iterated line digraphs and integer sequences**. – text. – [reviewed]. – DOI 10.1007/s40590-024-00691-8. – WOS CC ; SCO ; ESCI ; OA.
In: *Boletín de la Sociedad Matemática Mexicana* [printed document] [electronic document] . – Mexico (Mexico) : Sociedad Matemática Mexicana. – ISSN 1405-213X. – ISSN (online) 2296-4495. – ISSN (canceled) 0037-8615. – Roč. 31, č. 1 (2025), art. no. 13, s. 1-25 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 24
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
IF: 0.8 - 2024
SNIP: 0,859 - 2024

SJR: 0,414 - 2024
CiteScore: 1,4 - 2024
AIS: 0.285 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_178 / Bouet, R. (Author) (5%) - Busto, J. (Author) (5%) - Cadiou, A. (Author) (5%) - Charpentier, P. (Author) (5%) - Charrier, D. (Author) (5%) - Chapellier, M. (Author) (5%) - Dastgheibi-Fard, A. (Author) (5%) - Druillole, F. (Author) (5%) - Hellmuth, P. (Author) (5%) - Jollet, C. (Author) (5%) - Kaizer, Jakub (Author) [UKOMFKJFB] (5%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (5%) - Le Ray, P. (Author) (5%) - Gros, M. (Author) (5%) - Lautridou, Pascal (Author of correspondence) (5%) - Macko, M. (Author) (5%) - Meregaglia, Anselmo (Author of correspondence) (5%) - Piquemal, Fabrice (Author) (5%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (5%) - Roche, M. (Author) (5%): **Simulation of a radial TPC for the detection of neutrinoless double beta decay**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1140/epjc/s10052-025-14442-0. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 7 (2025), art. no. 732, s. 1-16 [printed form] [online]
Number of all authors: 20
[article]
Lit.: 53
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_179 / Bromley, Steven J. (Author) (26.668%) - Noonan, John W. (Author) (26.666%) - Stachová, Barbora (Author) [Internal PhD student] [UKOMFKEF] (10%) - Országh, Juraj (Author) [UKOMFKEF] (10%) - Bodewits, Dennis (Author) (26.666%): **Updated ultraviolet fluorescence efficiencies of CS** : Evidence for model discrepancies in the enhancement of NUV-derived CS abundances in comets. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.icarus.2024.116326. – SCO ; CCC ; WOS CC ; SCIE.
In: *Icarus* [printed document] [electronic document] : an International Journal of Solar System Studies. – San Diego (United States) : Elsevier. Academic Press. – ISSN 0019-1035. – ISSN (online) 1090-2643. – č. 425 (2025), art. no. 116326, s. 1-11 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 71
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.0 - 2024
SNIP: 1,094 - 2024
SJR: 1,059 - 2024
CiteScore: 6,1 - 2024
AIS: 1.100 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_180 / Bukor, Benedek (Author) [Internal PhD student] [UKOMFKTF] (50%) - Tekel, Juraj (Author) [UKOMFKTF] (50%): **Quarkonia in Non-commutative Space**. – text, tables. – [reviewed]. – DOI 10.5506/APhysPolBSupp.18.6-A17. – WOS CC ; SCO.
In: *Acta Physica Polonica B Proceedings Supplement* [printed document] [electronic document] . – Krakow (Poland) : Uniwersytet Jagielloński. Wydawnictwo Uniwersytetu Jagiellońskiego. – ISSN 1899-2358. – ISSN

(online) 2082-7865. – suppl. V4HEP Theory and Experiment in High-Energy Physics Roč. 18, č. 6 (2025), art. no. 6-A17, s. 6-A17.1-6-A17.4 [printed form] [online]
Theory and Experiment in High-Energy Physics, 1 [Bratislava, Slovakia, 26.07.2023-28.07.2023]
Number of all authors: 2
[article from event]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
SNIP: 0,137 - 2024
SJR: 0,173 - 2024
CiteScore: 0,5 - 2024
Quartile Q:
2024, Scimago - Physics and astronomy (miscellaneous) -

V3_181 / Bukor, Benedek (Author) [Internal PhD student] [UKOMFKTF] (50%) - Tekel, Juraj (Author of correspondence) [UKOMFKTF] (50%): **Cubic asymmetric multitrace matrix model**. – text, graphs. – [reviewed]. – DOI 10.1088/1751-8121/addeac. – SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of Physics A* [printed document] [electronic document] : Mathematical and Theoretical. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 1751-8113. – ISSN (online) 1751-8121. – Roč. 58, č. 25 (2025), art. no. 255203, s. 1-26 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 28
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.1 - 2024
SNIP: 0,882 - 2024
SJR: 0,659 - 2024
CiteScore: 3,8 - 2024
AIS: 0.695 - 2024
Quartile Q:
2024, AIS - Physics, mathematical - ; **2024, AIS** - Physics, multidisciplinary - ; **2024, JCI** - Physics, mathematical - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, mathematical - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Mathematical physics - ; **2024, Scimago** - Modeling and simulation - ; **2024, Scimago** - Physics and astronomy (miscellaneous) - ; **2024, Scimago** - Statistical and nonlinear physics - ; **2024, Scimago** - Statistics and probability -

V3_182 / Minker, Kate (Author of correspondence) (2.672%) - Carry, Benoit (Author) (2.648%) - Vachier, F. (Author) (2.648%) - Scheirich, P. (Author) (2.648%) - Pravec, Petr (Author) (2.648%) - Gajdoš, Štefan (Author) (1%) - Világi, Jozef (Author) (1%): **Orbits of very distant asteroid satellites**. – text, photographs, graphs, tables. – [reviewed]. – DOI 10.1051/0004-6361/202451124. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Astronomy & Astrophysics* [printed document] [electronic document] : European Journal. – Les Ulis (France) : Édition Diffusion Presse Sciences, Garching (Germany) : European Southern Observatory. – ISSN 0004-6361. – ISSN (online) 1432-0746. – Roč. 698, č. May (2025), art. no. A136, s. 1-18 [printed form] [online]
Number of all authors: 39
[article]
Lit.: 112
[OV 092 Earth and space sciences]
[ŠO 1217]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,429 - 2024
SJR: 1,968 - 2024
CiteScore: 8,9 - 2024
AIS: 1.712 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_183 / Galmiz, Oleksandr (Author of correspondence) [UKOMFKAFZM] (40%) - Cimerman, Richard (Author) [UKOMFKAFZM] (30%) - Pareek, Pankaj (Author) [Internal PhD student] [UKOMFKAFZM] (5%) - Janda, Mário

(Author) [UKOMFKAFZM] (10%) - Machala, Zdenko (Author) [UKOMFKAFZM] (15%): **Production of reactive species by using surface dielectric barrier discharge in direct contact with water**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1361-6595/adb3cb. – CCC ; SCO ; WOS CC ; OA ; SCIE.
In: *Plasma Sources Science and Technology* [printed document] [electronic document] . – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0963-0252. – ISSN (online) 1361-6595. – Roč. 34, č. 2 (2025), art. no. 025011, s. 1-17 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 126
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]
Journal Indicator:
IF: 3.3 - 2024
SNIP: 1,395 - 2024
SJR: 0,588 - 2024
CiteScore: 6,2 - 2024
AIS: 0.584 - 2024
Quartile Q:
2024, AIS - Physics, fluids & plasmas - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, Scimago** - Condensed matter physics -

V3_184 / Melo, Marián (Author of correspondence) [UKOMFKAFZM] (50%) - Czuczor, Filip (Author) (10%) - Pekárová, Pavla (Author) (10%) - Melová, Katarína (Author) (10%) - Rusinko, Adam (Author) [UKOPRZFGGI] (10%) - Gera, Martin (Author) [UKOMFKAFZM] (10%): **The severe ice flood of 1876 on the Nitra River in Nové Zámky, in the context of other floods in the Danubian Lowland, Slovakia**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.31577/ahs-2025-0026.02.0028. – SCO.
In: *Acta Hydrologica Slovaca* [electronic document] [printed document] . – Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Ústav hydrológie. – ISSN 1335-6291. – ISSN (online) 2644-4690. – Roč. 26, č. 2 (2025), s. 280-291 [online] [printed form]
Number of all authors: 6
[article]
Lit.: 30
[OV 092 Earth and space sciences - OV 030 Historical science and ethnology - OV 100 Environmental science and ecology]
[ŠO 1160 - ŠO 1217]
Journal Indicator:
SNIP: 0,738 - 2024
SJR: 0,293 - 2024
CiteScore: 1,9 - 2024
Quartile Q:
2024, Scimago - Computers in earth sciences - ; **2024, Scimago** - Earth and planetary sciences (miscellaneous) - ; **2024, Scimago** - Water science and technology -

V3_185 / Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (60%) - Demkanin, Peter (Author of correspondence) [UKOMFKDMFI] (40%): **Using LLM to Identify Pillars of the Mind Within Physics Learning Materials**. – text, photographs, graphs, tables. – [reviewed]. – DOI 10.3390/digital5040047. – SCO ; OA.
In: *Digital* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2673-6470. – Roč. 5, č. 4 (2025), art. no. 47, s. 1-12 [online]
Number of all authors: 2
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Lit.: 32
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Journal Indicator:
SNIP: 1,373 - 2024
SJR: 0,579 - 2024
CiteScore: 4,8 - 2024
Quartile Q:
2024, Scimago - Computer science (miscellaneous) -

V3_186 / Čujdíková, Mária (Author) [UKOMFKDMFI] (50%) - Kalaš, Ivan (Author) [UKOMFKDMFI] (50%): **Tables and the Development of Computational Thinking in Programming with Emil for Primary School**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.15388/infedu.2025.15. – OA ; SCO ; WOS CC ; ESCI.

In: *Informatics in Education* [printed document] [electronic document] : A Journal of Eastern and Central Europe. – Vilnius (Lithuania) : Vilniaus universitetas. Matematikos ir informatikos institutas. – ISSN 1648-5831. – ISSN (online) 2335-8971. – Roč. 24, č. 3 (2025), s. 471-502 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 48
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]
Journal Indicator:
IF: 2.8 - 2024
SNIP: 1,569 - 2024
SJR: 0,751 - 2024
CiteScore: 6,3 - 2024
AIS: 0.429 - 2024
Quartile Q:
2024, AIS - Education & educational research - ; **2024, JCI** - Education & educational research - ; **2024, JIF** - Education & educational research - ; **2024, Scimago** - Communication - ; **2024, Scimago** - Computer science applications - ; **2024, Scimago** - Education -

V3_187 / Tabrizchi, Mahmoud (Author of correspondence) (40%) - De La Franier, Brian (Author) (20%) - Spagnolo, Sandro (Author) [UKOMFKJFB] (30%) - Tabrizchi, Saba (Author) (5%) - Thompson, Michael (Author) (5%): **Direct, Selective, and Rapid Measurement of HCN at Sub-ppb Levels Using HiT-CD-IMS: Applications to Cell Culture and Breath Analysis**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1021/acs.analchem.5c00694. – WOS CC ; SCIE ; CCC ; SCO.
In: *Analytical Chemistry* [printed document] [electronic document] . – Washington (United States) : American Chemical Society. ACS Publications. – ISSN 0003-2700. – ISSN (online) 1520-6882. – Roč. 97, č. 28 (2025), s. 15001-15009 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 40
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1420 - ŠO 1160]
Journal Indicator:
IF: 6.7 - 2024
SNIP: 1,256 - 2024
SJR: 1,533 - 2024
CiteScore: 11,6 - 2024
AIS: 1.132 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, JCI** - Chemistry, analytical - ; **2024, JIF** - Chemistry, analytical - ; **2024, Scimago** - Analytical chemistry -

V3_188 / Demkanin, Peter (Author) [UKOMFKDMFI] (33.333%) - Červeňová, Daša (Author) [Internal PhD student] [UKOMFKDMFI] (33.334%) - Sands, David (Author) (33.333%): **Application of selected models of mind in theories of physics education**. – text, graphs, tables. – [reviewed]. – DOI 10.33225/jbse/25.24.1117. – SCO ; OA ; WOS CC ; SSCI.
In: *Journal of Baltic Science Education* [printed document] [electronic document] . – Šiauliai (Lithuania) : Scientific Methodical Center. – ISSN 1648-3898. – ISSN (online) 2538-7138. – Roč. 24, č. 6 (2025), s. 1117-1131 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 66
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Journal Indicator:
IF: 1.0 - 2024
SNIP: 0,779 - 2024
SJR: 0,388 - 2024
CiteScore: 2,3 - 2024
Nordic List: 0 - 2024
AIS: 0.230 - 2024
Quartile Q:
2024, AIS - Education & educational research - ; **2024, JCI** - Education & educational research - ; **2024, JIF** -

Education & educational research - ; **2024,** **Scimago** - Education -

V3_189 / Demolder, Anthony (Author) (30%) - Krešňáková, Viera (Author) [104004] (40%) - Hojčka, Michal (Author) (2%) - Boža, Vladimír (Author) [UKOMFKAI] (6%) - Iring, Andrej (Author) (2%) - Rafajdus, Adam (Author) (2%) - Rovder, Simon (Author) (2%) - Paluš, Timotej (Author) (2%) - Herman, Martin (Author) (2%) - Bauer, Felix (Author) (2%) - Jurášek, Viktor (Author) (2%) - Hatala, Robert (Author) [UKOLFART] (2%) - Bartúnek, Jozef (Author) (2%) - Vavrík, Boris (Author) (2%) - Herman, Robert (Author) (2%): **Fully automated digitization of paper electrocardiograms in real-world conditions using an ai-powered solution**. – text. – [reviewed]. – DOI 10.1016/s0735-1097(25)03019-0. – WOS CC ; SCIE ; CPCI-S ; BIOSIS Citation Index.
In: *Journal of the American College of Cardiology* [printed document] [electronic document] . – New York (United States) : Elsevier. Elsevier Science. – ISSN 0735-1097. – ISSN (online) 1558-3597. – suppl. Roč. 85, č. 12, Suppl. S (2025), s. 2535-2535 [printed form] [online]
Annual Meeting of the American College of Cardiology [Chicago, United States, 29.03.2025-31.03.2025]
Number of all authors: 15
[abstract from event - AR]
[OV 160 Information sciences, automation and telecommunications - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 2508 - ŠO 5141]
Journal Indicator:
IF: 22.3 - 2024
SNIP: 6,304 - 2024
SJR: 9,015 - 2024
CiteScore: 35,1 - 2024
AIS: 10.117 - 2024
Quartile Q:
2024, **AIS** - Cardiac & cardiovascular systems - ; **2024,** **JCI** - Cardiac & cardiovascular systems - ; **2024,** **JIF** - Cardiac & cardiovascular systems - ; **2024,** **Scimago** - Cardiology and cardiovascular medicine -

V3_190 / Demolder, Anthony (Author) (33%) - Herman, Robert (Author) (5%) - Vavrík, Boris (Author) (2%) - Martoňák, Michal (Author) (2%) - Boža, Vladimír (Author) [UKOMFKAI] (10%) - Herman, Martin (Author) (2%) - Paluš, Timotej (Author) (2%) - Krešňáková, Viera (Author) [104004] (30%) - Bahyl, Jakub (Author) (2%) - Iring, Andrej (Author) (2%) - Hatala, Robert (Author) [UKOLFART] (2%) - Bartúnek, Jozef (Author) (2%) - Vanderheyden, Marc (Author) (2%) - Heggermont, Ward (Author) (2%) - Penicka, Martin (Author) (2%): **Detecting left ventricular systolic dysfunction on standard 12-lead ecg using a smartphone-based deep neural network**. – text. – [reviewed]. – DOI 10.1016/s0735-1097(25)03238-3. – WOS CC ; SCIE ; CPCI-S ; BIOSIS Citation Index.
In: *Journal of the American College of Cardiology* [printed document] [electronic document] . – New York (United States) : Elsevier. Elsevier Science. – ISSN 0735-1097. – ISSN (online) 1558-3597. – suppl. Roč. 85, č. 12, Suppl. S (2025), s. 2754-2754 [printed form] [online]
Annual Meeting of the American College of Cardiology [Chicago, United States, 29.03.2025-31.03.2025]
Number of all authors: 15
[abstract from event - AR]
[OV 160 Information sciences, automation and telecommunications - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 2508 - ŠO 5141]
Journal Indicator:
IF: 22.3 - 2024
SNIP: 6,304 - 2024
SJR: 9,015 - 2024
CiteScore: 35,1 - 2024
AIS: 10.117 - 2024
Quartile Q:
2024, **AIS** - Cardiac & cardiovascular systems - ; **2024,** **JCI** - Cardiac & cardiovascular systems - ; **2024,** **JIF** - Cardiac & cardiovascular systems - ; **2024,** **Scimago** - Cardiology and cardiovascular medicine -

V3_191 / Deore, Kamlesh B. (Author) (30%) - Sitawar, Shrinivas B. (Author) (15%) - Ingale, Nikesh N. (Author) (5%) - Bodke, Gajanan A. (Author) (5%) - Tsai, Meng-Lin (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (20%) - Shirsat, Mahendra D. (Author) (20%): **Synergistic enhancement of electrochemical sensing: EDTA@AgNP's_UIO-66 composite for sensitive and selective detection of toxic Hg(II) ions**. – text. – [reviewed]. – DOI 10.1016/j.microc.2025.112766. – CCC ; WOS CC ; SCO ; SCIE.
In: *Microchemical Journal* [printed document] [electronic document] : devoted to the application of microtechniques in all branches of science. – Amsterdam (Netherlands) : Elsevier. – ISSN 0026-265X. – ISSN (online) 1095-9149. – č. 209 (2025), art. no. 112766, s. 1-10 [printed form] [online]

Number of all authors: 7
[article]
Lit.: 67
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.1 - 2024
SNIP: 1,006 - 2024
SJR: 0,75 - 2024
CiteScore: 7,2 - 2024
AIS: 0.583 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, JCI** - Chemistry, analytical - ; **2024, JIF** - Chemistry, analytical - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Spectroscopy -

V3_192 / Destrieux, Alex Jean Andre (Author) [UKOMFKAFZM] (30%) - Jangra, Ramavtar (Author) (25%) - Hensel, Karol (Author) [UKOMFKAFZM] (20%) - Machala, Zdenko (Author of correspondence) [UKOMFKAFZM] (25%): **Review on scientific studies and commercial indoor air purification devices: Focus on plasma-catalytic technology**. – text, pictures (illustration). – [reviewed]. – DOI 10.1016/j.elstat.2025.104153. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Journal of Electrostatics* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0304-3886. – ISSN (online) 1873-5738. – č. 137 (2025), art. no. 104153, s. 1-18 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 150
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.1 - 2024
SNIP: 1,092 - 2024
SJR: 0,451 - 2024
CiteScore: 3,9 - 2024
AIS: 0.345 - 2024
Quartile Q:
2024, AIS - Engineering, electrical & electronic - ; **2024, JCI** - Engineering, electrical & electronic - ; **2024, JIF** - Engineering, electrical & electronic - ; **2024, Scimago** - Biotechnology - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Surfaces, coatings and films -

V3_193 / Ding, Yuanlin (Author) (33.334%) - Fečkan, Michal (Author) [UKOMFKMANM] (33.333%) - Wang, JinRong (Author of correspondence) (33.333%): **Stability and controllability of cycled dynamical systems**. – text, graphs. – [reviewed]. – DOI 10.1515/ms-2025-0084. – SCO ; WOS CC ; SCIE.
In: *Mathematica Slovaca* [printed document] [electronic document] . – Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Matematický ústav, Berlín (Germany) : De Gruyter. – ISSN 0139-9918. – ISSN (online) 1337-2211. – Roč. 75, č. 5 (2025), s. 1143-1174 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 21
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.9 - 2024
SNIP: 0,895 - 2024
SJR: 0,444 - 2024
CiteScore: 1,7 - 2024
AIS: 0.304 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_194 / Dobiašová, Simona (Author) [UKOMFKJP] (100%): **Jazykový transfer a interferencia: špecifické výzvy vo výučbe nemčiny ako cudzieho jazyka po angličtine** = Language Transfer and Interference: Specific Challenges in Teaching German as a Foreign Language after English. – text, graphs, tables. – [reviewed].

In: *Philologia* [printed document] : časopis Ústavu filologických štúdií Pedagogickej fakulty Univerzity Komenského v Bratislave. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Pedagogická fakulta UK. Ústav filologických štúdií. – ISSN 1339-2026. – Roč. 35, č. 1 (2025), s. 83-99 [printed form]
Number of all authors: 1
[article]
Lit.: 22
[OV 010 Pedagogical science - OV 020 Humanities]
[ŠO 7605 - ŠO 7320]

V3_195 / Bartoš, Erik (Author of correspondence) (30%) - Dubnička, Stanislav (Author) (25%) - Dubničková, Anna Zuzana (Author) (25%) - Holka, Lukáš (Author) (20%): **Prediction of Some Meson Physical Quantities by Analytic Continuation from Time-Like to Space-Like Region**. – text, pictures (illustration). – [reviewed]. – DOI 10.1007/s10773-025-06197-x. – WOS CC ; SCO ; CCC ; SCIE ; OA.
In: *International Journal of Theoretical Physics* [printed document] [electronic document] . – New York (United States) : Springer Nature. Springer, Dordrecht (Netherlands) : Springer Nature. Springer. – ISSN 0020-7748. – ISSN (online) 1572-9575. – ISSN (canceled) 0538-8236. – Roč. 64, č. 12 (2025), art. no. 324, s. 1-29 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 61
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.7 - 2024
SNIP: 0,625 - 2024
SJR: 0,276 - 2024
CiteScore: 2,6 - 2024
AIS: 0.245 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Mathematics (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_196 / Dubnička, Stanislav (Author of correspondence) (35%) - Dubničková, Anna Zuzana (Author) (30%) - Holka, Lukáš (Author) [Internal PhD student - external training center] [UKOMFKJFB] (15%) - Liptaj, Andrej (Author) (20%): **New Insight on Damped Oscillating Regular Structures from "Effective" Proton Electromagnetic Form Factor Data**. – text, graphs. – [reviewed]. – DOI 10.3390/appliedmath5030126. – WOS CC ; SCO ; ESCI ; OA.
In: *AppliedMath* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2673-9909. – Roč. 5, č. 3 (2025), art. no. 126, s. 1-15 [online]
Number of all authors: 4
[article]
Lit.: 41
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 0.7 - 2024
SNIP: 0,602 - 2024
SJR: 0,218 - 2024
CiteScore: 1,1 - 2024
AIS: 0.207 - 2024
Quartile Q:
2024, AIS - Mathematics, applied - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_197 / Ďurikovič, Roman (Author) [UKOMFKAI] (33.334%) - Kica, Róbert (Author) (33.333%) - Mihálik, Andrej (Author) [UKOMFKAI] (33.333%): **Dynamic sparkle rendering: photorealistic real-time visualization of glittering surfaces in interactive scenarios**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.2478/jamsi-2025-0009. – WOS CC ; ESCI.
In: *Journal of Applied Mathematics, Statistics and Informatics* [printed document] [electronic document] . – Trnava (Slovakia) : Univerzita sv. Cyrila a Metoda v Trnave. Fakulta prírodných vied, Varšava (Poland) : De Gruyter. De Gruyter Open. – ISSN 1336-9180. – ISSN (online) 1339-0015. – Roč. 21, č. 2 (2025), s. 53-71 [printed form]

[online]
Number of all authors: 3
[article]
Lit.: 24
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
IF: 0.5 - 2024
AIS: 0.074 - 2024
Quartile Q:
2024, AIS - Mathematics, applied - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics, applied -

V3_198 / Ďurišová, Silvia (Author) [Internal PhD student - external training center] [UKOMFKAFZM] (50%) - Hajduková, Mária (Author) (50%): **Hyperbolic meteoroid orbits from meteor observation and interstellar meteoroids**. – text, pictures (illustration). – [reviewed].
In: *WGN : Journal of the International Meteor Organization* [printed document] . – Hove (Belgium) : International Meteor Organization. – ISSN 1016-3115. – Roč. 53, č. 1 (2025), s. 33-36 [printed form]
International Meteor Conference 2024, 43 [Kutná Hora, Czech Republic, 19.09.2024-22.09.2024]
Number of all authors: 2
[article from event]
Lit.: 39
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]

V3_199 / Ďurmanová, Vladimíra (Author) [UKOLFIU] (35%) - Mikolášková, Iveta (Author) [Internal PhD student] [UKOLFIU] (10%) - Očenášová, Agáta (Author) [Internal PhD student] [UKOLFIU] (10%) - Bandžuchová, Helena (Author) (4%) - Kollárik, Boris (Author) (2%) - Palacka, Patrik (Author) [UKOLF2ONK] (2%) - Zvarík, Milan (Author) [UKOMFKJFB] (2%) - Bucová, Mária (Author) [UKOLFIU] (10%) - Hunáková, Ľuba (Author) [UKOLFIU] (25%): **Vplyv HLAG 14 bp del/ins polymorfizmu a expresie HLA-G na klinické parametre u pacientov s nádormi močového mechúra.**. – text. – [reviewed].
In: *Klinická imunológia a alergológia* [printed document] . – Bratislava (Slovakia) : Slovenská spoločnosť pre alergológiu a klinickú imunológiu, Bratislava (Slovakia) : BONUS BRATISLAVA. – ISSN 1335-0013. – suppl. Roč. 35, č. Supplementum (2025), s. 7-8 [printed form]
Zjazd slovenských a českých alergológov a klinických imunológov, 42 [Starý Smokovec, Slovakia, 22.10.2025-25.10.2025]
Number of all authors: 9
[abstract from event - AR]
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]

V3_200 / ALICE Collaboration [Author corporation] ; Džalaiová, Natália (Author) [Internal PhD student] [UKOMFKJFB] (100%): **Light-flavour Hadron Production Investigated in Xe–Xe Collisions with ALICE Experiment at the LHC**. – text, pictures (illustration). – [reviewed]. – DOI 10.5506/APhysPolBSupp.18.6-A19. – WOS CC ; SCO.
In: *Acta Physica Polonica B Proceedings Supplement* [printed document] [electronic document] . – Krakow (Poland) : Uniwersytet Jagielloński. Wydawnictwo Uniwersytetu Jagiellońskiego. – ISSN 1899-2358. – ISSN (online) 2082-7865. – suppl. V4HEP Theory and Experiment in High-Energy Physics Roč. 18, č. 6 (2025), art. no. 6-A19, s. 6-A19.1-6-A19.4 [printed form] [online]
Theory and Experiment in High-Energy Physics, 1 [Bratislava, Slovakia, 26.07.2023-28.07.2023]
Number of all authors: 1
[article from event]
Lit.: 8
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
SNIP: 0,137 - 2024
SJR: 0,173 - 2024
CiteScore: 0,5 - 2024
Quartile Q:
2024, Scimago - Physics and astronomy (miscellaneous) -

V3_201 / Faletič, Sergej (Author) (25%) - Kyuldjiev, Assen (Author) (5%) - Lindner, Thomas (Author) (5%) - Schnider, Dorottya (Author) (5%) - Izsa, Éva (Author) (5%) - Hömöstrei, Mihály (Author) (5%) - Jenei, Peter (Author) (5%) - Aneva, Boyka (Author) (5%) - Ivanova, Daniela D. (Author) (5%) - Němec, Hynek (Author) (5%) - Kundracik, František (Author) [UKOMFKEF] (5%) - Plesch, Martin (Author) [UMBFP06] (25%): **Development of soft and hard skills of high-school students via young physicists' tournament**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1361-6404/adedd6. – SCO ; CCC ; WOS CC ; SCIE ; OA.
In: *European Journal of Physics* [printed document] [electronic document] . – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0143-0807. – ISSN (online) 1361-6404. – Roč. 46, č. 5 (2025), art. no. 055804, s. [1-14] [printed form] [online]
Number of all authors: 12
[article]
Lit.: 23
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]
Journal Indicator:
IF: 0.8 - 2024
SNIP: 0,798 - 2024
SJR: 0,339 - 2024
CiteScore: 1,7 - 2024
AIS: 0.204 - 2024
Quartile Q:
2024, AIS - Education, scientific disciplines - ; **2024, AIS** - Physics, multidisciplinary - ; **2024, JCI** - Education, scientific disciplines - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Education, scientific disciplines - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Education - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_202 / Kocifaj, Miroslav (Author of correspondence) [UKOMFKEF] (70%) - Falchi, Fabio (Author) (30%): **Generalizing the world atlas of artificial night sky brightness to encompass a wide range of sky states**. – text. – [reviewed]. – DOI 10.1093/mnrasl/slaf083. – SCO ; OA.
In: *Monthly Notices of the Royal Astronomical Society* [printed document] [electronic document] : Letters. – Oxford (United Kingdom) : Oxford University Press. – ISSN 1745-3925. – ISSN (online) 1745-3933. – Roč. 542, č. 1 (2025), s. L154-L157 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 25
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
SNIP: 0,933 - 2024
SJR: 1,688 - 2024
CiteScore: 8 - 2024
Quartile Q:
2024, Scimago - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_203 / Fečkan, Michal (Author) [UKOMFKMANM] (25%) - Khalladi, Mohammed Taha (Author) (25%) - Kostić, Marko (Author of correspondence) (25%) - Rahmani, Abdelkader (Author) (25%): **Multi-dimensional ρ-almost periodic type functions and applications**. – text. – [reviewed]. – DOI 10.1080/00036811.2022.2103678. – SCO ; SCIE ; WOS CC ; CCC.
In: *Applicable Analysis* [printed document] [electronic document] : an international journal. – London (United Kingdom) : Taylor & Francis Group. – ISSN 0003-6811. – ISSN (online) 1563-504X. – Roč. 104, č. 1 (2025), s. 142-168 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 60
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.2 - 2024
SNIP: 0,887 - 2024
SJR: 0,577 - 2024
CiteScore: 2,7 - 2024
AIS: 0.487 - 2024
Quartile Q:

2024, AIS - Mathematics, applied - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Analysis - ; **2024, Scimago** - Applied mathematics -

V3_204 / TIM Partners [Author corporation] ; Fischer, Jannick (Author) (1.468%) - Groenemeijer, Pieter (Author) (1.449%) - Holzer, Alois (Author) (1.449%) - Feldmann, Monika (Author) (1.449%) - Schröer, Katharina (Author) (1.449%) - Battaglioli, Francesco (Author) (1.449%) - Schielicke, Lisa (Author) (1.449%) - Púčik, Tomáš (Author) (1.449%) - Antonescu, Bogdan (Author) (1.449%) - Gatzen, Christoph (Author) (1.449%) - Fedor, Tomáš (Author) [Internal PhD student] [UPS14300] (1.449%) - Hofierka, Jaroslav (Author) [UPS14300] (1.449%) - Šinger, Miroslav (Member of corporation) (1.449%): **Invited perspectives: Thunderstorm intensification from mountains to plains** [Pozvané pohľady: Intenzifikácia búrok od horských oblastí po nížiny]. – text, photographs, graphs, pictures (illustration). – [reviewed]. – DOI 10.5194/nhess-25-2629-2025. – sign UPJS SSEP 025785. – SCO ; CCC ; WOS CC ; SCIE ; OA.
In: *Natural Hazards and Earth System Sciences* [printed document] [electronic document] . – Mníchov (Germany) : European Geosciences Union. – ISSN 1561-8633. – ISSN (online) 1684-9981. – Roč. 25, č. 8 (2025), s. 2629-2656 [printed form] [online]
Number of all authors: 69
[article]
Lit.: 269
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1217 - ŠO 1160]
Journal Indicator:
IF: 4.7 - 2024
SNIP: 1,461 - 2024
SJR: 1,348 - 2024
CiteScore: 7,6 - 2024
AIS: 1.183 - 2024
Quartile Q:
2024, AIS - Geosciences, multidisciplinary - ; **2024, AIS** - Meteorology & atmospheric sciences - ; **2024, AIS** - Water resources - ; **2024, JCI** - Geosciences, multidisciplinary - ; **2024, JCI** - Meteorology & atmospheric sciences - ; **2024, JCI** - Water resources - ; **2024, JIF** - Geosciences, multidisciplinary - ; **2024, JIF** - Meteorology & atmospheric sciences - ; **2024, JIF** - Water resources - ; **2024, Scimago** - Earth and planetary sciences (miscellaneous) -

V3_205 / Fu, X. Y. (Author) (2.35%) - Liu, Z. (Author) (2.325%) - Andreyev, A. N. (Author) (2.325%) - Jiao, C. F. (Author) (2.325%) - Dong, R. Y. (Author) (2.325%) - Antalic, Stanislav (Author) [UKOMFKJFB] (2.325%) - Andel, Boris (Author) [UKOMFKJFB] (2.325%): **Observation of a new isomer in 185Au**. – text, graphs, tables. – [reviewed]. – DOI 10.1088/1674-1137/add70c. – SCO ; WOS CC ; SCIE ; CCC.
In: *Chinese Physics C* [printed document] [electronic document] : High Energy Physics and Nuclear Physics : a Series Journal of the Chinese Physical Society. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 1674-1137. – ISSN (online) 2058-6132. – Roč. 49, č. 8 (2025), art. no. 084004, s. 1-6 [printed form] [online]
Number of all authors: 43
[article]
Lit.: 45
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.1 - 2024
SNIP: 1,161 - 2024
SJR: 0,96 - 2024
CiteScore: 6,9 - 2024
AIS: 0.805 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Nuclear and high energy physics -

V3_206 / Fulová, Terézia (Author) (40%) - Trnovská, Mária (Author of correspondence) [UKOMFKAMS] (40%) - Filová, Lenka (Author) [UKOMFKAMS] (20%): **Advanced pre-processing methods for large-scale data envelopment analysis models**. – text, graphs, tables. – [reviewed]. – DOI 10.1504/IJDSS.2025.149728.
In: *International Journal of Decision Support Systems* [printed document] [electronic document] . – Ženeva (Switzerland) : Inderscience Publishers. – ISSN 2050-6988. – ISSN (online) 2050-6996. – suppl. Decision Support Systems and Smart Technologies Roč. 5, č. 2 (2025), s. 134-150 [printed form] [online]

Number of all authors: 3
[article]
Lit.: 32
[OV 240 Mathematics and statistics]
[ŠO 1113]

V3_207 / Szabó, Tamás (Author of correspondence) (16.67%) - Garaiová, Zuzana (Author) [UKOMFKJFB] (16.666%) - Melikishvili, Sopio (Author) [UKOLFULFB] (16.666%) - Tatarko, Marek (Author) [UKOMFKJFB] (16.666%) - Hianik, Tibor (Author) [UKOMFKJFB] (16.666%) - Keresztes, Zsófia (Author) (16.666%): **The effect of lipopolysaccharides from salmonella enterica on the size, density, and compressibility of phospholipid vesicles**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.3390/biomimetics10010055. – CCC ; SCO ; WOS CC ; SCIE ; OA.
In: *Biomimetics* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2313-7673. – Roč. 10, č. 1 (2025), art. no. 55, s. 1-19 [online]
Number of all authors: 6
[article]
Lit.: 41
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics - OV 130 Life sciences]
[ŠO 5141 - ŠO 1160 - ŠO 1536]
Journal Indicator:
IF: 3.9 - 2024
SNIP: 0,967 - 2024
SJR: 0,647 - 2024
CiteScore: 4,2 - 2024
AIS: 0.601 - 2024
Quartile Q:
2024, AIS - Engineering, multidisciplinary - ; **2024, AIS** - Materials science, biomaterials - ; **2024, JCI** - Engineering, multidisciplinary - ; **2024, JCI** - Materials science, biomaterials - ; **2024, JIF** - Engineering, multidisciplinary - ; **2024, JIF** - Materials science, biomaterials - ; **2024, Scimago** - Biochemistry - ; **2024, Scimago** - Bioengineering - ; **2024, Scimago** - Biomaterials - ; **2024, Scimago** - Biomedical engineering - ; **2024, Scimago** - Biotechnology - ; **2024, Scimago** - Molecular medicine -

V3_208 / Gebril, Sahar M. (Author) (5%) - Lasheen, Fakhr El din M. (Author) (5%) - Khalaf, Mohamed (Author) [Internal PhD student] [UKOMFKEF] (70%) - Abdelhamed, Amr (Author) (5%) - Bahkali, Manal I. (Author) (5%) - Hossary, Fayez El (Author) (5%) - Hussein, Mahmoud Rezk Abdelwahed (Author of correspondence) (5%): **Cold Atmospheric Plasma Enhances TGF-β1, CTGF Protein Expression, and Healing in Full-Thickness Skin Burns: An Animal Study**. – text, photographs, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.3390/biom15070924. – OA ; SCO ; WOS CC ; SCIE.
In: *Biomolecules* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2218-273X. – Roč. 15, č. 7 (2025), art. no. 924, s. 1-21 [online]
Number of all authors: 7
[article]
Lit.: 66
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,178 - 2024
SJR: 1,333 - 2024
CiteScore: 9,2 - 2024
AIS: 1.153 - 2024
Quartile Q:
2024, AIS - Biochemistry & molecular biology - ; **2024, JCI** - Biochemistry & molecular biology - ; **2024, JIF** - Biochemistry & molecular biology - ; **2024, Scimago** - Biochemistry - ; **2024, Scimago** - Molecular biology -

V3_209 / Guričan, Jaroslav (Author of correspondence) [UKOMFKAG] (50%) - Ghumashyan, Heghine (Author) (50%): **Endomorphism kernel property for extraspecial and special groups**. – text. – [reviewed]. – DOI 10.1515/ms-2025-0072. – SCO ; WOS CC ; SCIE.
In: *Mathematica Slovaca* [printed document] [electronic document] . – Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Matematický ústav, Berlín (Germany) : De Gruyter. – ISSN 0139-9918. – ISSN (online) 1337-2211. – Roč. 75, č. 5 (2025), s. 991-1002 [printed form] [online]
Number of all authors: 2

[article]
Lit.: 19
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.9 - 2024
SNIP: 0,895 - 2024
SJR: 0,444 - 2024
CiteScore: 1,7 - 2024
AIS: 0.304 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_210 / Grman, Marián (Author) (8%) - Bališ, Peter (Author) (8%) - Berényiová, Andrea (Author) (8%) - Švajdlenková, Helena (Author) [UKOPRCJD] (8%) - Tomášová, Lenka (Author) (8%) - Čačányiová, Soňa (Author) (8%) - Rošťáková, Zuzana (Author) (8%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (8%) - Chovanec, Miroslav (Author) (8%) - Domínguez-Álvarez, Enrique (Author) (8%) - Ondriaš, Karol (Author) (8%) - Mišák, Anton (Author) (12%): **Products of Selenite/Thiols Interaction Have Reducing Properties, Cleave Plasmid DNA and Decrease Rat Blood Pressure and Tension of Rat Mesenteric Artery**. – text, graphs. – [reviewed]. – DOI 10.1007/s12011-024-04196-3. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Biological trace element research* [printed document] [electronic document] . – Londýn (United Kingdom) : Humana Press. – ISSN 0163-4984. – ISSN (online) 1559-0720. – Roč. 203, č. 2 (2025), s. 903-929 [printed form] [online]
Number of all authors: 12
[article]
Lit.: 86
[OV 091 Physics - OV 130 Life sciences - OV 180 Medical, pharmaceutical and non-medical health sciences - OV 120 Chemistry, chemical technology and biotechnology]
[ŠO 1160 - ŠO 1420 - ŠO 5141]
Journal Indicator:
IF: 3.6 - 2024
SNIP: 1,109 - 2024
SJR: 0,81 - 2024
CiteScore: 9,2 - 2024
AIS: 0.598 - 2024
Quartile Q:
2024, AIS - Biochemistry & molecular biology - ; **2024, AIS** - Endocrinology & metabolism - ; **2024, JCI** - Biochemistry & molecular biology - ; **2024, JCI** - Endocrinology & metabolism - ; **2024, JIF** - Biochemistry & molecular biology - ; **2024, JIF** - Endocrinology & metabolism - ; **2024, Scimago** - Biochemistry - ; **2024, Scimago** - Biochemistry (medical) - ; **2024, Scimago** - Clinical biochemistry - ; **2024, Scimago** - Endocrinology, diabetes and metabolism - ; **2024, Scimago** - Inorganic chemistry - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_211 / Revallo, Miloš (Author of correspondence) (50%) - Guba, Peter (Author) [UKOMFKAMS] (50%): **Whirling hexagonal convection in a rotating binary-alloy mushy layer**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physd.2025.134897. – CCC ; WOS CC ; SCIE ; SCO.
In: *Physica D* [printed document] [electronic document] : Nonlinear Phenomena. – Amsterdam (Netherlands) : Elsevier. – ISSN 0167-2789. – ISSN (online) 1872-8022. – č. 483 (2025), art. no. 134897, s. 1-16 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 34
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.9 - 2024
SNIP: 1,389 - 2024
SJR: 0,94 - 2024
CiteScore: 4,6 - 2024
AIS: 1.035 - 2024
Quartile Q:
2024, AIS - Mathematics, applied - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, AIS** - Physics, mathematical - ; **2024, AIS** - Physics, multidisciplinary - ; **2024, JCI** - Mathematics, applied - ; **2024, JCI** -

Physics, fluids & plasmas - ; **2024,** **JCI** - Physics, mathematical - ; **2024,** **JCI** - Physics, multidisciplinary - ; **2024,** **JIF** - Mathematics, applied - ; **2024,** **JIF** - Physics, fluids & plasmas - ; **2024,** **JIF** - Physics, mathematical - ; **2024,** **JIF** - Physics, multidisciplinary - ; **2024,** **Scimago** - Applied mathematics - ; **2024,** **Scimago** - Condensed matter physics - ; **2024,** **Scimago** - Mathematical physics - ; **2024,** **Scimago** - Statistical and nonlinear physics -

V3_212 / Hagarová, Mária (Author) [102101] (30%) - Baranová, Gabriela (Author) [102101] (30%) - Mašlejová, Alica (Author) [102101] (10%) - Horňak, Peter (Author) [102101] (5%) - Csík, Dávid (Author) (5%) - Vojtko, Marek (Author) (10%) - Truchlý, Martin (Author) [UKOMFCENAM] (10%): **Effect of current density on mechanical and tribological properties of wear-resistant Cr coatings**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.3390/cryst15110936. – CCC ; SCO ; WOS CC ; SCIE ; OA.
In: *Crystals* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2073-4352. – Roč. 15, č. 11 (2025), art. no. 936, s. [1-17] [online]
Number of all authors: 7
[article]
Lit.: 43
[OV 110 Metallurgic and mining sciences - OV 091 Physics]
[ŠO 2381 - ŠO 2820 - ŠO 1160]
Journal Indicator:
IF: 2.4 - 2024
SNIP: 0,816 - 2024
SJR: 0,486 - 2024
CiteScore: 5 - 2024
AIS: 0.395 - 2024
Quartile Q:
2024, **AIS** - Crystallography - ; **2024,** **AIS** - Materials science, multidisciplinary - ; **2024,** **JCI** - Crystallography - ; **2024,** **JCI** - Materials science, multidisciplinary - ; **2024,** **JIF** - Crystallography - ; **2024,** **JIF** - Materials science, multidisciplinary - ; **2024,** **Scimago** - Chemical engineering (miscellaneous) - ; **2024,** **Scimago** - Condensed matter physics - ; **2024,** **Scimago** - Inorganic chemistry - ; **2024,** **Scimago** - Materials science (miscellaneous) -

V3_213 / Halaj, Martin (Author) [Internal PhD student] [UKOMFKAI] (50%) - Škorvánková, Dana (Author) (30%) - Madaras, Martin (Author) (20%): **Metrically Accurate 3D Human Avatars from Silhouette Images**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.24132/JWSCG.2025-4. – SCO.
In: *Journal of WSCG* [printed document] [electronic document] : an international journal of algorithms, data structures and techniques for computer graphics and visualization, modeling, CAD & GIS systems, computer vision, image processing and pattern recognition, human computer interaction, animation and virtual reality, multimedia systems and applications in parallel, distributed and mobile environment. – Plzeň (Czech Republic) : Západočeská univerzita v Plzni. – ISSN 1213-6972. – ISSN (online) 1213-6964. – Roč. 33, č. 1-2 (2025), s. 33-42 [printed form] [online]
Computer Graphics, Visualization and Computer Vision 2025, 33 [Plzeň, Czech Republic, 26.05.2025-29.05.2025]
Number of all authors: 3
[article from event]
Lit.: 29
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
SNIP: 0,12 - 2024
SJR: 0,124 - 2024
CiteScore: 0,5 - 2024
Quartile Q:
2024, **Scimago** - Computational mathematics - ; **2024,** **Scimago** - Computer graphics and computer-aided design - ; **2024,** **Scimago** - Software -

V3_214 / Halamová, Júlia (Author) [UKOFSAP] (40%) - Ottingerová, Lenka (Author) [Internal PhD student] [UKOFSAP] (40%) - Berger Haladová, Zuzana (Author) [UKOMFKAI] (10%) - Greenberg, Leslie S. (Author) (10%): **Unfinished business in virtual reality** : Development and preliminary evaluation of an empty chair intervention grounded in emotion-focused therapy. – text, photographs, tables. – [reviewed]. – DOI 10.1016/j.invent.2025.100885. – CCC ; WOS CC ; SCO ; OA ; SCIE ; SSCI.
In: *Internet Interventions* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2214-7829. – č. 42 (2025), art. no. 100885, s. [1-17] [online]
Number of all authors: 4
[article]

Lit.: 122
[OV 060 Social and behavioural sciences - OV 160 Information sciences, automation and telecommunications]
[ŠO 7701 - ŠO 2508]
Journal Indicator:
IF: 4.1 - 2024
SNIP: 1,289 - 2024
SJR: 1,336 - 2024
CiteScore: 7,3 - 2024
AIS: 1.168 - 2024
Quartile Q:
2024, AIS - Health care sciences & services - ; **2024, AIS** - Medical informatics - ; **2024, AIS** - Psychiatry - ; **2024, AIS** - Psychology, clinical - ; **2024, JCI** - Health care sciences & services - ; **2024, JCI** - Medical informatics - ; **2024, JCI** - Psychiatry - ; **2024, JCI** - Psychology, clinical - ; **2024, JIF** - Health care sciences & services - ; **2024, JIF** - Medical informatics - ; **2024, JIF** - Psychiatry - ; **2024, JIF** - Psychology, clinical - ; **2024, Scimago** - Health informatics -

V3_215 / Halická, Margaréta (Author) [Part-time] [UKOMFKAMS] (35%) - Trnovská, Mária (Author) [UKOMFKAMS] (35%) - Černý, Aleš (Author) (30%): **On indication, strict monotonicity, and efficiency of projections in a general class of path-based data envelopment analysis models**. – text. – [reviewed]. – DOI 10.1016/j.ejor.2024.08.009. – CCC ; WOS CC ; SCO ; SCIE.
In: *European Journal of Operational Research* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0377-2217. – ISSN (online) 1872-6860. – Roč. 320, č. 1 (2025), s. 175-187 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 37
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 6.0 - 2024
SNIP: 2,618 - 2024
SJR: 2,239 - 2024
CiteScore: 13,2 - 2024
AIS: 1.491 - 2024
Quartile Q:
2024, AIS - Operations research & management science - ; **2024, JCI** - Operations research & management science - ; **2024, JIF** - Operations research & management science - ; **2024, Scimago** - Computer science (miscellaneous) - ; **2024, Scimago** - Industrial and manufacturing engineering - ; **2024, Scimago** - Information systems and management - ; **2024, Scimago** - Management science and operations research - ; **2024, Scimago** - Modeling and simulation -

V3_216 / Hanajík, Peter (Author) [UKOPREPE] (33.334%) - Pavlikovská, Zuzana (Author) [Internal PhD student] [UKOPREPE] (33.333%) - Zvarík, Milan (Author) [UKOMFKJFB] (33.333%): **Effect of Biochar Addition on Soil Water Evaporation under Controlled Conditions** = Vplyv pridávania biouhlia na vyparovanie pôdnej vody pri kontrolovaných podmienkach. – text. – [reviewed].
In: *Phytopedon* [printed document] : Journal of soil science. – Bratislava (Slovakia) : Gemini. – ISSN 1336-1120. – Roč. 24, č. 1 (2025), s. 1-6 [printed form]
Number of all authors: 3
[article]
Lit.: 32
[OV 092 Earth and space sciences]
[ŠO 1217 - ŠO 1160]

V3_217 / Hanajík, Peter (Author) [UKOPREPE] (33.334%) - Pavlikovská, Zuzana (Author) [Internal PhD student - external training center] [UKOPREPE] (33.333%) - Zvarík, Milan (Author) [UKOMFKJFB] (33.333%): **Vplyv aplikácie biouhlia na zrnitostné zloženie poľnohospodárskej pôdy** = The Impact of Biochar Application on Soil Particle Size Distribution in agriculture soil. – text, graphs. – [reviewed].
In: *Phytopedon* [printed document] : Journal of soil science. – Bratislava (Slovakia) : Gemini. – ISSN 1336-1120. – Roč. 24, č. 2 (2025), s. 14-18 [printed form]
Number of all authors: 3
[article]
Lit.: 25

[OV 092 Earth and space sciences]
[ŠO 1217 - ŠO 1160]

V3_218 / Hassan, Mostafa Elsayed Ali (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Janda, Mário (Author) [UKOMFKAFZM] (45%) - Machala, Zdenko (Author) [UKOMFKAFZM] (30%): **Comparison of the Transport of Reactive Nitrogen Plasma Species into Water Bulk vs. Aerosolized Microdroplets**. – text. – [reviewed]. – DOI 10.1007/s11090-024-10511-6. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Plasma Chemistry and Plasma Processing* [printed document] [electronic document] . – New York (United States) : Springer Nature. – ISSN 0272-4324. – ISSN (online) 1572-8986. – Roč. 45, č. 1 (2025), s. 161-189 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 79
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.5 - 2024
SNIP: 0,854 - 2024
SJR: 0,462 - 2024
CiteScore: 5,1 - 2024
AIS: 0.453 - 2024
Quartile Q:
2024, AIS - Engineering, chemical - ; **2024, AIS** - Physics, applied - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, JCI** - Engineering, chemical - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JIF** - Engineering, chemical - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, Scimago** - Chemical engineering (miscellaneous) - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Surfaces, coatings and films -

V3_219 / Šindler, M. (Author of correspondence) (25%) - Herman, František (Author) [UKOMFKEF] (25%) - Kadlec, F. (Author) (25%) - Kadlec, C. (Author of correspondence) (25%): **Deeper insight into the terahertz response of conventional superconductors under magnetic field**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1103/dm72-92yy. – WOS CC ; SCIE ; CCC ; SCO.
In: *Physical Review B* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9950. – ISSN 1538-4489. – ISSN (online) 2469-9969. – Roč. 112, č. 9 (2025), art. no. 094512, s. 1-8 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 40
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
Nordic List: 2 - 2025
IF: 3.7 - 2024
SNIP: 0,962 - 2024
SJR: 1,303 - 2024
CiteScore: 6,2 - 2024
AIS: 0.878 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, AIS** - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electronic, optical and magnetic materials -

V3_220 / Demolder, Anthony (Author of correspondence) (6.676%) - Krešňáková, Viera (Author of correspondence) [104004] (6.666%) - Hojčka, Michal (Author) (6.666%) - Boža, Vladimír (Author) [UKOMFKAI] (6.666%) - Iring, Andrej (Author) (6.666%) - Rafajdus, Adam (Author) (6.666%) - Rovder, Simon (Author) (6.666%) - Paluš, Timotej (Author) (6.666%) - Herman, Martin (Author) (6.666%) - Bauer, Felix (Author) (6.666%) - Jurášek, Viktor (Author) (6.666%) - Hatala, Robert (Author) [UKOLFART] (6.666%) - Bartúnek, Jozef (Author) (6.666%) - Vavrík, Boris (Author) (6.666%) - Herman, Robert (Author) (6.666%): **High precision ECG digitization using artificial intelligence**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.jelectrocard.2025.153900. – CCC ; WOS CC ; SCO ; SCIE ; OA.

In: *Journal of Electrocardiology* [printed document] [electronic document] : official Journal of the International Society for Computerized Electrocardiology and the International Society of Electrocardiology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0022-0736. – ISSN (online) 1532-8430. – č. 90 (2025), art. no. 153900, s. f1-9] [printed form] [online]
Number of all authors: 15
[article]
Lit.: 25
[OV 160 Information sciences, automation and telecommunications - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 2508 - ŠO 5141]
Journal Indicator:
IF: 1.2 - 2024
SNIP: 0,59 - 2024
SJR: 0,379 - 2024
CiteScore: 2,5 - 2024
AIS: 0.283 - 2024
Quartile Q:
2024, AIS - Cardiac & cardiovascular systems - ; **2024, JCI** - Cardiac & cardiovascular systems - ; **2024, JIF** - Cardiac & cardiovascular systems - ; **2024, Scimago** - Cardiology and cardiovascular medicine -

V3_221 / Hu, Yu Min (Author) (16.667%) - Li, Bi Chu (Author) (16.667%) - Yu, Yang (Author) (16.666%) - Kršňák, Martin (Author) [UKOMFKTF] (16.667%) - Saridakis, Emmanuel N. (Author) (16.666%) - Cai, Yi Fu (Author) (16.667%): **Lowering the strong coupling mode of modified teleparallel gravity theories**. – text. – [reviewed]. – DOI 10.1088/1475-7516/2025/05/088. – SCO ; SCIE ; WOS CC ; CCC.
In: *Journal of Cosmology and Astroparticle Physics* [electronic document] . – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN (online) 1475-7516. – Roč. 2025, č. 5 (2025), art. no. 088, s. 1-26 [online]
Number of all authors: 6
[article]
Lit.: 108
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.9 - 2024
SNIP: 1,107 - 2024
SJR: 0,795 - 2024
CiteScore: 9,1 - 2024
AIS: 1.443 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Astronomy and astrophysics -

V3_222 / Hunáková, Ľuba (Author) [UKOLFIU] (20%) - Žůrková, Eva (Author) [UKOLFKP] (20%) - Zvarík, Milan (Author) [UKOMFKJFB] (20%) - Mikolášková, Iveta (Author) [Internal PhD student] [UKOLFIU] (20%) - Bucová, Mária (Author) [UKOLFIU] (20%): **Variabilita srdcovej frekvencie u pacientov s karcinómom pľúc**. – text. – [reviewed].
In: *Onkológia* [printed document] : Suplement. – Bratislava (Slovakia) : Solen (SK). – ISSN 1337-4435. – Roč. 20, č. S1 (2025), s. 59-61 [printed form]
Bratislavské onkologické dni, 62 [Bratislava, Slovakia, 01.10.2025-03.10.2025]
Number of all authors: 5
[abstract from event - AR]
Lit.: 6
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]

V3_223 / Chrobáková, Žofia (Author) (35%) - Krešňáková, Viera (Author) [104004] (20%) - Nagy, Roman (Author) [UKOMFKAFZM] (20%) - Gazdová, Júlia (Author) (5%) - Butka, Peter (Author) [104004] (20%): **Deep Learning-based Detection and Segmentation of Edge-on and Highly Inclined Galaxies**. – text. – [reviewed]. – DOI 10.1088/1538-3873/adbcd6. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Publications of the Astronomical Society of the Pacific* [printed document] [electronic document] . – SanFrancisco (United States) : Astronomical Society of the Pacific, Bristol (United States) : Institute of Physics. IOP Publishing. – ISSN 0004-6280. – ISSN (online) 1538-3873. – Roč. 137, č. 3 (2025), art. no. 034101, s. 1-16 [printed

form] [online]
Number of all authors: 5
[article]
Lit.: 83
[OV 091 Physics - OV 092 Earth and space sciences - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 1217 - ŠO 2508]
Journal Indicator:
IF: 7.7 - 2024
SNIP: 1,973 - 2024
SJR: 2,517 - 2024
CiteScore: 7,9 - 2024
AIS: 2.765 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_224 / Kečkéš, Štefan (Author of correspondence) [SZULFUCHKBLM] (25%) - Ikhardt, Peter (Author) [UKOPRDP] (15%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (15%) - Dyttert, Daniel (Author) (5%) - Nemergut, Štefan (Author) (5%) - Šintál, Daniel (Author) [External PhD student] [UKOLFKOCH] (5%) - Kováč, Gustáv (Author) [SZULFUCHKBLM] (5%) - Durdík, Štefan (Author) [UKOLFKOCH] (5%) - Palaj, Július (Author) (20%): **Prognostic and clinical significance of the positive lymph node ratio in patients undergoing radical resection for gastric cancer**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/s13193-025-02291-y. – SCO ; WOS CC ; ESCI.
In: *Indian Journal of Surgical Oncology* [printed document] [electronic document] . – New Delhi (India) : Springer Nature. Springer, Mumbai (India) : Indian Association of Surgical Oncology. – ISSN 0975-7651. – ISSN (online) 0976-6952. – Roč. 16, č. 6 (2025), s. 1730-1737 [printed form] [online]
Number of all authors: 9
[article]
Lit.: 37
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 010 Pedagogical science]
[ŠO 5141 - ŠO 7605]
Journal Indicator:
IF: 0.7 - 2024
SNIP: 0,56 - 2024
SJR: 0,303 - 2024
CiteScore: 1,3 - 2024
AIS: 0.193 - 2024
Quartile Q:
2024, AIS - Oncology - ; **2024, JCI** - Oncology - ; **2024, JIF** - Oncology - ; **2024, Scimago** - Oncology - ; **2024, Scimago** - Surgery -

V3_225 / Isiksal Bostan, Mine (Author) (25%) - Sevinc, Serife (Author) (25%) - Lada, Magdalini (Author) (25%) - Kubáček, Zbyněk (Author) [UKOMFKMANM] (25%): **The nature of reasoning-and-proving items in textbooks: The cases of Türkiye, Norway, and Slovakia**. – text. – [reviewed]. – DOI 10.29333/iejme/16185. – WOS CC ; SCO ; OA ; ESCI.
In: *International Electronic Journal of Mathematics Education* [printed document] [electronic document] . – Eastbourne (United Kingdom) : Modestum. – ISSN 1306-3030. – ISSN (online) 2468-4945. – Roč. 20, č. 3 (2025), art. no. em0829 , s. 1-18 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 37
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.6 - 2024
SNIP: 0 - 2024
SJR: 0,111 - 2024
CiteScore: 0,5 - 2024
Quartile Q:
2024, JCI - Education & educational research - ; **2024, JCI** - Education, scientific disciplines - ; **2024, JIF** - Education & educational research - ; **2024, JIF** - Education, scientific disciplines - ; **2024, Scimago** - Education - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_226 / ALICE Collaboration [Author corporation] ; Jadlovská, Slávka (Author) [106005] (0.091%) - Jadlovský, Ján (Author) [104004] (0.091%) - Tkáčik, Tomáš (Author) (0.091%) - Tkáčik, Milan (Author) (0.091%) - Acharya, S. (Member of corporation) (0.81%) - Adamová, Dagmar (Member of corporation) (0.091%) - Agarwal, A. (Member of corporation) (0.091%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.091%) - Aglietta, Luca (Member of corporation) (0.091%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.091%) - Bombara, Marek (Member of corporation) [UPS14201] (0.091%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.091%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.091%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.091%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.091%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.091%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.091%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.091%) - Sitár, Branislav (Member of corporation) (0.091%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.091%): **Probing Strangeness Hadronization with Event-by-Event Production of Multistrange Hadrons**. – text, graphs. – [reviewed]. – DOI 10.1103/PhysRevLett.134.022303. – sign UPJS SSEP 025585. – SCO ; Nature Index ; CCC ; MEDLINE® ; WOS CC ; SCIE.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 134, č. 2 (2025), art.no. 022303, s. [1-14] [printed form] [online]
Number of all authors: 1091
[article]
Lit.: 54
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_227 / ALICE Collaboration [Author corporation] ; Jadlovská, Slávka (Author) [106005] (0.092%) - Tkáčik, Tomáš (Author) (0.092%) - Tkáčik, Milan (Author) (0.092%) - Acharya, S. (Member of corporation) (0.824%) - Adamová, Dagmar (Member of corporation) (0.092%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Szarka, Imrich (Member of corporation) [UKOMFKJFB] (0.092%): **Investigating Λ baryon production in p-Pb collisions in jets and the underlying event using angular correlations** [Investigating Lambda baryon production in p-Pb collisions in jets and the underlying event using angular correlations]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/PhysRevC.111.015201. – sign UPJS SSEP 025589. – SCO ; CCC ; WOS CC ; OA ; SCIE.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 111, č. 1 (2025), art. no. 015201, s. [1-22] [printed form] [online] [CD-ROM]
Number of all authors: 1079
[article]
Lit.: 63
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024

SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_228 / ALICE Collaboration [Author corporation] ; Jadlovská, Slávka (Author) [106005] (0.092%) - Líšková, Dominika (Author) [Internal PhD student] [104004] (0.092%) - Tkáčik, Tomáš (Author) (0.092%) - Tkáčik, Milan (Author) (0.092%) - Acharya, S. (Member of corporation) (0.456%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri-Rinella, Gianluca (Member of corporation) (0.092%) - Aglietta, Luca (Member of corporation) (0.092%) - Agnello, Michelangelo (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%): **Charged-particle multiplicity distributions over a wide pseudorapidity range in p–Pb collisions at √sNN = 5.02 TeV** = Charged-particle multiplicity distributions over a wide pseudorapidity range in p–Pb collisions at sNN=5.02 TeV. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-14577-0. – sign UPJS SSEP 026026. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 8 (2025), art.no. 919, s. 1-20 [printed form] [online]
Number of all authors: 1083
[article]
Lit.: 44
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_229 / ALICE Collaboration [Author corporation] ; Jadlovská, Slávka (Author) [106005] (0.093%) - Jadlovský, Ján (Author) [104004] (0.093%) - Líšková, Dominika (Author) [Internal PhD student] [104004] (0.093%) - Tkáčik, Tomáš (Author) (0.093%) - Tkáčik, Milan (Author) (0.093%) - Acharya, S. (Member of corporation) (0.211%) - Agarwal, A. (Member of corporation) (0.093%) - Aglieri Rinella, G. (Member of corporation) (0.093%) - Aglietta, L. (Member of corporation) (0.093%) - Agnello, M. (Member of corporation) (0.093%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.093%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.093%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.093%) - Sitár, Branislav (Member of corporation) (0.093%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.093%) - Bombara, Marek (Member of corporation) [UPS14201] (0.093%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.093%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.093%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.093%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.093%):
Measurement of the inclusive isolated-photon production cross section in pp and Pb–Pb collisions at √sNN = 5.02 TeV [Measurement of the inclusive isolated-photon production cross section in pp and Pb–Pb collisions at sNN = 5.02 TeV]. – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjc/s10052-025-13971-y. – sign UPJS SSEP 026171. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *European Physical Journal C* [printed document] [electronic document] : Particles and Fields. – Berlín (Germany) : Springer Nature. Springer International Publishing AG, New York (United States) : Springer Nature. – ISSN 1434-6044. – ISSN (online) 1434-6052. – Roč. 85, č. 5 (2025), art. no. 553, s. 1-35 [printed form] [online]

Number of all authors: 1074
[article]
Lit.: 96
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2647 - ŠO 2508]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,407 - 2024
SJR: 1,343 - 2024
CiteScore: 7,8 - 2024
AIS: 1.045 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_230 / ALICE Collaboration [Author corporation] ; Jadlovská, Slávka (Author) [106005] (0.092%) - Jadlovský, Ján (Author) [104004] (0.092%) - Líšková, Dominika (Author) [Internal PhD student] [104004] (0.092%) - Tkáčik, Milan (Author) (0.092%) - Acharya, S. (Member of corporation) (0.732%) - Agarwal, A. (Member of corporation) (0.092%) - Aglieri Rinella, G. (Member of corporation) (0.092%) - Aglietta, L. (Member of corporation) (0.092%) - Agnello, M. (Member of corporation) (0.092%) - Džalaiová, Natália (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Ivanov, Marián (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.092%) - Mereš, Michal (Member of corporation) [UKOMFKJFB] (0.092%) - Pikna, Miroslav (Member of corporation) [UKOMFKJFB] (0.092%) - Sitár, Branislav (Member of corporation) (0.092%) - Ahuja, Ishaan (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Barbasová, Veronika (Member of corporation) [Internal PhD student] [UPS14201] (0.092%) - Bombara, Marek (Member of corporation) [UPS14201] (0.092%) - Kravčáková, Adela (Member of corporation) [UPS14201] (0.092%) - Tarasovičová, Lucia Anna (Member of corporation) [UPS14201] (0.092%) - Vaľa, Martin (Member of corporation) [UPS14201] (0.092%) - Vrláková, Janka (Member of corporation) [UPS14201] (0.092%): **Measurement of correlations among net-charge, net-proton, and net-kaon multiplicity distributions in Pb-Pb collisions at √sNN=5.02 TeV**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/JHEP08(2025)210. – sign UPJS SSEP 026174. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Journal of High Energy Physics* [electronic document] [printed document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 1126-6708. – ISSN 1127-2236. – ISSN (online) 1029-8479. – Roč. 2025, č. 8 (2025), art. no. 210, s. [1-29] [online] [printed form] [CD-ROM]
Number of all authors: 1080
[article]
Lit.: 89
[OV 091 Physics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1160 - ŠO 2508 - ŠO 2647]
Journal Indicator:
IF: 5.5 - 2024
SNIP: 1,22 - 2024
SJR: 0,833 - 2024
CiteScore: 9,9 - 2024
AIS: 0.961 - 2024
Quartile Q:
2024, AIS - Physics, particles & fields - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_231 / Bagheri Renani, Neda (Author of correspondence) [Internal PhD student] [UKOMFKAMS] (50%) - Jaefarzadeh, Maryam (Author) (25%) - Ševčovič, Daniel (Author) [UKOMFKAMS] (25%): **Efficiency and Convergence Insights in Large-Scale Optimization Using the Improved Inexact–Newton–Smart Algorithm and Interior-Point Framework**. – text. – [reviewed]. – DOI 10.3390/math13223657. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Mathematics* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2227-7390. – Roč. 13, č. 22 (2025), art. no. 3657, s. 1-15 [online]
Number of all authors: 3
[article]
Lit.: 16
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:

IF: 2.2 - 2024
SNIP: 0,908 - 2024
SJR: 0,498 - 2024
CiteScore: 4,6 - 2024
Nordic List: 1 - 2024
AIS: 0.373 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Computer science (miscellaneous) - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_232 / Jajcay, Robert (Author) [UKOMFKAG] (33.334%) - Jooken, Jorik (Author) (33.333%) - Porupsánszki, István (Author) (33.333%): **On Vertex-Girth-Regular Graphs: (Non-)Existence, Bounds and Enumeration**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.37236/13333. – OA ; SCO ; CCC ; WOS CC ; SCIE.
In: *Electronic Journal of Combinatorics* [printed document] [electronic document] . – Newark (United States) : University of Delaware. Department of Mathematical Sciences. – ISSN 1077-8926. – ISSN (online) 1097-1440. – Roč. 32, č. 4 (2025), art. no. P4.51, s. 1-27 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 18
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.7 - 2024
SNIP: 1,148 - 2024
SJR: 0,897 - 2024
CiteScore: 1,3 - 2024
AIS: 0.672 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Computational theory and mathematics - ; **2024, Scimago** - Discrete mathematics and combinatorics - ; **2024, Scimago** - Geometry and topology - ; **2024, Scimago** - Theoretical computer science -

V3_233 / Jajcayová, Tatiana (Author of correspondence) [UKOMFKAI] (50%) - Jajcay, Robert (Author) [UKOMFKAG] (50%): **Totally regular mixed graphs constructed from the CD(n, q) graphs of Lazebnik, Ustimenko and Woldar**. – text, pictures (illustration). – [reviewed]. – DOI 10.26493/2590-9770.1758.c16. – SCO ; OA.
In: *The Art of Discrete and Applied Mathematics* [electronic document] . – Koper (Slovenia) : University of Primorska. – ISSN (online) 2590-9770. – suppl. 2023 BIRS Workshop: Extremal Graphs Arising from Designs and Configurations Roč. 8, č. 3 (2025), art. no. P3.03, s. 1-12 [online]
Extremal Graphs arising from Designs and Configurations [Banff, Canada, 14.05.2023-19.05.2023]
Number of all authors: 2
[article from event]
Lit.: 11
[OV 160 Information sciences, automation and telecommunications - OV 240 Mathematics and statistics]
[ŠO 2508 - ŠO 1113]
Journal Indicator:
SNIP: 0,803 - 2024
SJR: 0,458 - 2024
CiteScore: 0,8 - 2024
Quartile Q:
2024, Scimago - Applied mathematics - ; **2024, Scimago** - Computational theory and mathematics - ; **2024, Scimago** - Discrete mathematics and combinatorics -

V3_234 / Sučák, Karol (Author of correspondence) [Internal PhD student] [UKOMFKJFB] (60%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (20%) - Bobáľ, Boris (Author) [Internal PhD student] [UKOMFKJFB] (3%) - Kaizer, Jakub (Author) [UKOMFKJFB] (3%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (8%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (3%) - Zeman, Jakub (Author) [UKOMFKJFB] (3%): **Analysis of elemental composition of atmospheric aerosols in Bratislava using the PIXE method with an external ion beam**. – text, maps, graphs, pictures (illustration). – [reviewed]. – DOI 10.1016/j.apradiso.2025.112203. – SCO ; WOS CC ; SCIE ; CCC.

In: *Applied Radiation and Isotopes* [printed document] [electronic document] : A journal of nuclear and radiation techniques and their applications in the physical, chemical, biological, medical, earth, planetary, environmental, security and engineering science. – Amsterdam (Netherlands) : Elsevier, Oxford (United Kingdom) : Elsevier. Pergamon Press. – ISSN 0969-8043. – ISSN (online) 1872-9800. – č. 226 (2025), art. no. 112203, s. 1-8 [printed form] [online]
Number of all authors: 7
[article]
Lit.: 28
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.8 - 2024
SNIP: 0,895 - 2024
SJR: 0,408 - 2024
CiteScore: 3,2 - 2024
AIS: 0.290 - 2024
Quartile Q:
2024, AIS - Chemistry, inorganic & nuclear - ; **2024, AIS** - Nuclear science & technology - ; **2024, AIS** - Radiology, nuclear medicine & medical imaging - ; **2024, JCI** - Chemistry, inorganic & nuclear - ; **2024, JCI** - Nuclear science & technology - ; **2024, JCI** - Radiology, nuclear medicine & medical imaging - ; **2024, JIF** - Chemistry, inorganic & nuclear - ; **2024, JIF** - Nuclear science & technology - ; **2024, JIF** - Radiology, nuclear medicine & medical imaging - ; **2024, Scimago** - Radiation -

V3_235 / Bobáľ, Boris (Author of correspondence) [Internal PhD student] [UKOMFKJFB] (55%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (9%) - Kaizer, Jakub (Author) [UKOMFKJFB] (9%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (9%) - Bujdoš, Marek (Author) [UKOPRGUS] (9%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (9%): **Elemental analysis of selected wines by particle induced X-ray emission (PIXE) for determination of geographical origin**. – text, maps, graphs, tables. – [reviewed]. – DOI 10.1016/j.apradiso.2025.112234. – CCC ; WOS CC ; SCO ; SCIE.
In: *Applied Radiation and Isotopes* [printed document] [electronic document] : A journal of nuclear and radiation techniques and their applications in the physical, chemical, biological, medical, earth, planetary, environmental, security and engineering science. – Amsterdam (Netherlands) : Elsevier, Oxford (United Kingdom) : Elsevier. Pergamon Press. – ISSN 0969-8043. – ISSN (online) 1872-9800. – č. 226 (2025), art. no. 112234, s. [1-11] [printed form] [online]
Number of all authors: 6
[article]
Lit.: 43
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]
Journal Indicator:
IF: 1.8 - 2024
SNIP: 0,895 - 2024
SJR: 0,408 - 2024
CiteScore: 3,2 - 2024
AIS: 0.290 - 2024
Quartile Q:
2024, AIS - Chemistry, inorganic & nuclear - ; **2024, AIS** - Nuclear science & technology - ; **2024, AIS** - Radiology, nuclear medicine & medical imaging - ; **2024, JCI** - Chemistry, inorganic & nuclear - ; **2024, JCI** - Nuclear science & technology - ; **2024, JCI** - Radiology, nuclear medicine & medical imaging - ; **2024, JIF** - Chemistry, inorganic & nuclear - ; **2024, JIF** - Nuclear science & technology - ; **2024, JIF** - Radiology, nuclear medicine & medical imaging - ; **2024, Scimago** - Radiation -

V3_236 / Pesovski, Ivica (Author of correspondence) (20%) - Jolakoski, Petar (Author) (20%) - Trajkovik, Vladimir (Author) (20%) - Kubincová, Zuzana (Author) [UKOMFKDMFI] (20%) - Herzog, Michael A. (Author) (20%): **Predicting student achievement through peer network analysis for timely personalization via generative AI**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.caeai.2025.100430. – WOS CC ; SCO ; ESCI ; OA.
In: *Computers and Education* [electronic document] : Artificial Intelligence. – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2666-920X. – Roč. 8 (2025), art. no. 100430, s. 1-15 [online]
Number of all authors: 5
[article]
Lit.: 98
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]

[ŠO 7605 - ŠO 2508]
Journal Indicator:
SNIP: 7,02 - 2024
SJR: 5,217 - 2024
CiteScore: 28,7 - 2024
Quartile Q:
2024, Scimago - Artificial intelligence - ; **2024, Scimago** - Computer science applications - ; **2024, Scimago** - Education -

V3_237 / Jones, Gareth A. (Author) (50%) - Mačaj, Martin (Author) [UKOMFKAG] (50%): **Regular maps with primitive automorphism groups**. – text, graphs, tables. – [reviewed]. – DOI 10.26493/2590-9770.1602.68f. – SCO.
In: *The Art of Discrete and Applied Mathematics* [electronic document] . – Koper (Slovenia) : University of Primorska. – ISSN (online) 2590-9770. – suppl. 2023 BIRS Workshop: Extremal Graphs Arising from Designs and Configurations Roč. 8, č. 3 (2025), art. no. P3.09, s. 1-22 [online]
Extremal Graphs arising from Designs and Configurations [Banff, Canada, 14.05.2023-19.05.2023]
Number of all authors: 2
[article from event]
Lit.: 18
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
SNIP: 0,803 - 2024
SJR: 0,458 - 2024
CiteScore: 0,8 - 2024
Quartile Q:
2024, Scimago - Applied mathematics - ; **2024, Scimago** - Computational theory and mathematics - ; **2024, Scimago** - Discrete mathematics and combinatorics -

V3_238 / Jopek, Tadeusz J. (Author) (20%) - Neslušan, L. (Author) (20%) - Ďurišová, Silvia (Author) [Internal PhD student - external training center] [UKOMFKAFZM] (20%) - Rudawska, Regina (Author) (20%) - Hajduková, Mária (Author of correspondence) (20%): **Identifying misclassified meteor showers in the IAU MDC database** : Reclassification proposal. – text, graphs, tables. – [reviewed]. – DOI 10.1051/0004-6361/202554647. – OA ; WOS CC ; SCIE ; CCC ; SCO.
In: *Astronomy & Astrophysics* [printed document] [electronic document] : European Journal. – Les Ulis (France) : Édition Diffusion Presse Sciences, Garching (Germany) : European Southern Observatory. – ISSN 0004-6361. – ISSN (online) 1432-0746. – č. 699 (2025), art. no. A238, s. 1-30 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 79
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,429 - 2024
SJR: 1,968 - 2024
CiteScore: 8,9 - 2024
AIS: 1.712 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_239 / Čujdíková, Mária (Author of correspondence) [UKOMFKDMFI] (60%) - Kalaš, Ivan (Author) [UKOMFKDMFI] (40%): **Video Games and the Development of Computational Thinking**. – text, tables. – [reviewed]. – DOI 10.26529/cepsj.2124. – SCO.
In: *Center for Educational Policy Studies Journal* [printed document] [electronic document] . – Ľubľana (Slovenia) : Univerza v Ljubljani. – ISSN 1855-9719. – ISSN (online) 2232-2647. – Roč. 15, č. 4 (2025), s. 111-136 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 38
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

Journal Indicator:
SNIP: 0,732 - 2024
SJR: 0,394 - 2024
CiteScore: 2 - 2024
Quartile Q:
2024, Scimago - Education -

V3_240 / Karabáš, Ján (Author) [035000] (25%) - Mačajová, Edita (Author) [UKOMFKI] (25%) - Nedela, Roman (Author) (25%) - Škoviera, Martin (Author) [UKOMFKI] (25%): **Berge's Conjecture for Cubic Graphs With Small Colouring Defect**. – text, graphs. – [reviewed]. – DOI 10.1002/jgt.23231. – STU FEI - 467/2025. – SCO ; CCC ; WOS CC ; SCIE.
In: *Journal of Graph Theory* [printed document] [electronic document] . – New York (United States) : John Wiley & Sons. – ISSN 0364-9024. – ISSN (online) 1097-0118. – Roč. 109, č. 3 (2025), s. 387-396 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 30
[OV 240 Mathematics and statistics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1113 - ŠO 2508]
Journal Indicator:
IF: 1.0 - 2024
SNIP: 1,336 - 2024
SJR: 1,595 - 2024
CiteScore: 1,8 - 2024
AIS: 0.793 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Discrete mathematics and combinatorics - ; **2024, Scimago** - Geometry and topology -

V3_241 / Kardoš, František (Author) (33%) - Lužar, Borut (Author) (33%) - Soták, Roman (Author) [UPS14600] (34%): **Note on robust coloring of planar graphs** [Poznámka k robustnému zafarbeniu planárnych grafov]. – text. – [reviewed]. – DOI 10.7494/OpMath.2025.45.1.103. – sign UPJS SSEP 025281. – WOS CC ; SCO ; ESCI ; OA.
In: *Opuscula Mathematica* [printed document] [electronic document] . – Krakov (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie. Wydział Matematyki Stosowanej. – ISSN 1232-9274. – ISSN (online) 2300-6919. – Roč. 45, č. 1 (2025), s. 103-111 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 11
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.0 - 2024
SNIP: 1,296 - 2024
SJR: 0,525 - 2024
CiteScore: 2,1 - 2024
AIS: 0.530 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_242 / Kardoš, František (Author) (33.334%) - Mačajová, Edita (Author) [UKOMFKI] (33.333%) - Zerafa, Jean Paul (Author of correspondence) (33.333%): **Three-cuts are a charm: acyclicity in 3-connected cubic graphs**. – text. – [reviewed]. – DOI 10.1007/s00493-024-00126-y. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Combinatorica* [printed document] [electronic document] : international journal on combinatorics and the theory of computing. – Budapest (Hungary) : Akadémiai Kiadó, Berlin (Germany) : Springer Nature. Springer International Publishing AG. – ISSN 0209-9683. – ISSN (online) 1439-6912. – Roč. 45, č. 1 (2025), art. no. 11, s. 1-21 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 11
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
IF: 1.0 - 2024

SNIP: 1,58 - 2024
SJR: 1,269 - 2024
CiteScore: 1,9 - 2024
AIS: 1.321 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Computational mathematics - ; **2024, Scimago** - Discrete mathematics and combinatorics -

V3_243 / Palaj, Július (Author of correspondence) (35%) - Kečkéš, Štefan (Author) [SZULFUCHKBLM] (10%) - Marek, Vítězslav (Author) (5%) - Dyttert, Daniel (Author) (10%) - Sabol, Martin (Author) (5%) - Durdík, Štefan (Author) [UKOLFKOCH] (5%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (30%): **Single centre experience with conversion surgery for advanced and metastatic gastric cancer in Slovakia**. – text. – [reviewed]. – DOI 10.1038/s41598-025-98656-y. – CCC ; WOS CC ; SCO ; OA ; SCIE.
In: *Scientific reports* [electronic document] . – Londýn (United Kingdom) : Springer Nature. Nature Publishing Group. – ISSN (online) 2045-2322. – Roč. 15, č. 1 (2025), art. no. 13381, s. 1-10 [online]
Number of all authors: 7
[article]
Lit.: 44
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
IF: 3.9 - 2024
SNIP: 1,213 - 2024
SJR: 0,874 - 2024
CiteScore: 6,7 - 2024
Nordic List: 1 - 2024
AIS: 1.031 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_244 / Fečkan, Michal (Author of correspondence) [UKOMFKMANM] (25%) - Khelifa, Amira (Author) (25%) - Halim, Yacine (Author) (25%) - Alsulami, Ibraheem M. (Author) (25%): **Note on Iterations of Nonlinear Rational Functions**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.3390/axioms14060450. – OA ; WOS CC ; CCC ; SCIE.
In: *Axioms* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2075-1680. – Roč. 14, č. 6 (2025), art. no. 450, s. 1-16 [online]
Number of all authors: 4
[article]
Lit.: 31
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.6 - 2024
SNIP: 0,99 - 2024
Nordic List: 0 - 2024
AIS: 0.311 - 2024
Quartile Q:
2024, AIS - Mathematics, applied - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics, applied -

V3_245 / Doshi, Pratik (Author of correspondence) [UKOPREEM] (40%) - Klas, Matej (Author) [UKOMFKEF] (30%) - Kyzek, Stanislav (Author) [UKOPRBGE] (20%) - Zahoranová, Anna (Author) [UKOMFKEF] (5%) - Šerá, Božena (Author) [UKOPREEM] (5%): **Investigating the effect of plasma activated water on entomopathogenic nematodes under laboratory conditions**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.heliyon.2025.e42038. – SCO ; MEDLINE® ; WOS CC ; OA.
In: *Heliyon* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2405-8440. – Roč. 11, č. 2 (2025), art. no. e42038, s. [1-8] [online]
Number of all authors: 5
[article]
Lit.: 62
[OV 100 Environmental science and ecology - OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1610 - ŠO 1160]
Journal Indicator:

IF: 3.6 - 2024
SNIP: 1,123 - 2024
SJR: 0,644 - 2024
CiteScore: 4,1 - 2024
Nordic List: 1 - 2024
AIS: 0.613 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_246 / Klisarova, Daniela (Author) (18%) - Gerdzhikov, Dimitar (Author) (18%) - Dragomirova, Petya (Author) (18%) - Nikolova, Nina (Author) (18%) - Gera, Martin (Author) [UKOMFKAFZM] (10%) - Veleva, Petya (Author) (18%): **Dynamics of Lingulodinium polyedra Development in the Bulgarian Part of Black Sea (1992–2022)**. – text. – [reviewed]. – DOI 10.3390/d17020105. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Diversity* [electronic document] . – Basel (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 1424-2818. – Roč. 17, č. 2 (2025), art. no. 105, s. 1-24 [online]
Number of all authors: 6
[article]
Lit.: 71
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.1 - 2024
SNIP: 0,933 - 2024
SJR: 0,593 - 2024
CiteScore: 4 - 2024
Nordic List: 1 - 2024
AIS: 0.514 - 2024
Quartile Q:
2024, AIS - Biodiversity conservation - ; **2024, AIS** - Ecology - ; **2024, JCI** - Biodiversity conservation - ; **2024, JCI** - Ecology - ; **2024, JIF** - Biodiversity conservation - ; **2024, JIF** - Ecology - ; **2024, Scimago** - Agricultural and biological sciences (miscellaneous) - ; **2024, Scimago** - Ecological modeling - ; **2024, Scimago** - Ecology - ; **2024, Scimago** - Nature and landscape conservation -

V3_247 / Kocifaj, Miroslav (Author) [UKOMFKEF] (45%) - Falchi, Fabio (Author) (40%) - Kundracik, František (Author) [UKOMFKEF] (15%): **An all-sky light pollution model for global-scale applications that embraces a full range of cloud distributions**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1073/pnas.2508001122. – OA ; SCO ; MEDLINE® ; CCC ; WOS CC ; SCIE.
In: *Proceedings of the National Academy of Sciences of the United States of America* [printed document] [electronic document] . – Washington (United States) : National Academy of Sciences of the United States of America. – ISSN 0027-8424. – ISSN (online) 1091-6490. – Roč. 122, č. 44 (2025), art. no. e2508001122, s. 1-9 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 37
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.1 - 2024
SNIP: 2,383 - 2024
SJR: 3,414 - 2024
CiteScore: 16,5 - 2024
Nordic List: 2 - 2024
AIS: 4.121 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_248 / Shi, Xinyu (Author of correspondence) (20%) - Kocifaj, Miroslav (Author) [UKOMFKEF] (20%) - Li, Xi (Author) (20%) - Li, Deren (Author) (20%) - Li, Jinjin (Author) (20%): **Impact of atmospheric effect and observation geometry on the directional distribution of blooming effect in VIIRS night-time light images**. – text. – [reviewed]. – DOI 10.1016/j.rse.2025.115017. – CCC ; WOS CC ; SCIE.
In: *Remote sensing of environment* [printed document] [electronic document] . – New York (United States) :

Elsevier. Elsevier Science. – ISSN 0034-4257. – ISSN (online) 1879-0704. – č. 331 (2025), art. no. 115017, s. 1-18 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 67
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 11.4 - 2024
SNIP: 3,28 - 2024
SJR: 3,972 - 2024
CiteScore: 22,6 - 2024
AIS: 3.269 - 2024
Quartile Q:
2024, AIS - Environmental sciences - ; **2024, AIS** - Imaging science & photographic technology - ; **2024, AIS** - Remote sensing - ; **2024, JCI** - Environmental sciences - ; **2024, JCI** - Imaging science & photographic technology - ; **2024, JCI** - Remote sensing - ; **2024, JIF** - Environmental sciences - ; **2024, JIF** - Imaging science & photographic technology - ; **2024, JIF** - Remote sensing - ; **2024, Scimago** - Computers in earth sciences - ; **2024, Scimago** - Geology - ; **2024, Scimago** - Soil science -

V3_249 / Kohanová, Iveta (Author) (25%) - Slavíčková, Mária (Author) [UKOMFKDMFI] (23%) - Rosa, Samuel (Author) [UKOMFKAMS] (20%) - Di Paola, Benedetto (Author) (14%) - Michal, Jakub (Author) (12%) - Cakiroglu, Erdinc (Author) (6%): **Exploring Teachers' Resource Utilization Practices and Beliefs in Mathematics Education** : A Cross-National Study on Reasoning and Proving. – text, graphs, tables. – [reviewed]. – DOI 10.1007/s10763-025-10577-4. – SCO ; CCC ; WOS CC ; SSCI ; OA.
In: *International Journal of Science and Mathematics Education* [printed document] [electronic document] . – Dordrecht (Netherlands) : Springer Nature. – ISSN 1571-0068. – ISSN (online) 1573-1774. – Roč. 23, č. 8 (2025), s. 3545-3575
Number of all authors: 6
[article]
Lit.: 64
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]
Journal Indicator:
IF: 2.1 - 2024
SNIP: 2,025 - 2024
SJR: 1,108 - 2024
CiteScore: 5,9 - 2024
Nordic List: 1 - 2024
AIS: 0.571 - 2024
Quartile Q:
2024, AIS - Education & educational research - ; **2024, JCI** - Education & educational research - ; **2024, JIF** - Education & educational research - ; **2024, Scimago** - Education - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_250 / Sochová, Irena (Author of correspondence) (20%) - Kolář, Tomáš (Author) (20%) - Brázdil, Rudolf (Author) (20%) - Kyncl, Tomáš (Author) (10%) - Kyncl, Josef (Author) (10%) - Melo, Marián (Author) [UKOMFKAFZM] (10%) - Trnka, Miroslav (Author) (5%) - Bilanych, Mykhailo (Author) (3%) - Rybníček, Michal (Author) (2%): **A new 621-year Transcarpathian oak tree-ring chronology (Eastern Europe)**. – text, maps, graphs, tables. – [reviewed]. – DOI 10.1016/j.dendro.2024.126284. – SCO ; WOS CC ; SCIE ; CCC.
In: *Dendrochronologia* [printed document] [electronic document] : an interdisciplinary journal of tree-ring science. – Amsterdam (Netherlands) : Elsevier. – ISSN 1125-7865. – ISSN (online) 1612-0051. – č. 89 (2025), art. no. 126284, s. 1-13 [printed form] [online]
Number of all authors: 9
[article]
Lit.: 119
[OV 092 Earth and space sciences - OV 030 Historical science and ethnology - OV 100 Environmental science and ecology - OV 091 Physics - OV 190 Agricultural and forestry sciences]
[ŠO 1217 - ŠO 1160 - ŠO 1610 - ŠO 7115 - ŠO 4219]
Journal Indicator:
IF: 2.3 - 2024
SNIP: 1,131 - 2024
SJR: 0,844 - 2024

CiteScore: 5,2 - 2024
AIS: 0.683 - 2024
Quartile Q:
2024, AIS - Forestry - ; **2024, AIS** - Geography, physical - ; **2024, JCI** - Forestry - ; **2024, JCI** - Geography, physical - ; **2024, JIF** - Forestry - ; **2024, JIF** - Geography, physical - ; **2024, Scimago** - Ecology - ; **2024, Scimago** - Plant science -

V3_251 / Kocifaj, Miroslav (Author of correspondence) [UKOMFKEF] (80%) - Kómar, Ladislav (Author) (20%): **Satellite Imagery Reveals Near-Horizon Urban Light Emissions Impacting Ambient Environment**. – text, pictures (illustration). – [reviewed]. – DOI 10.1029/2025JD045452. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Journal of Geophysical Research* [printed document] [electronic document] : Atmospheres. – Washington (United States) : John Wiley & Sons. American Geophysical Union. – ISSN 2169-897X. – ISSN (online) 2169-8996. – ISSN (wrong) 0148-0227. – Roč. 130, č. 22 (2025), art. no. e2025JD045452, s. 1-17 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 60
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,128 - 2024
SJR: 1,545 - 2024
CiteScore: 6,7 - 2024
AIS: 1.472 - 2024
Quartile Q:
2024, AIS - Meteorology & atmospheric sciences - ; **2024, JCI** - Meteorology & atmospheric sciences - ; **2024, JIF** - Meteorology & atmospheric sciences - ; **2024, Scimago** - Atmospheric science - ; **2024, Scimago** - Earth and planetary sciences (miscellaneous) - ; **2024, Scimago** - Geophysics - ; **2024, Scimago** - Space and planetary science -

V3_252 / Solano-Lamphar, Héctor Antonio (Author of correspondence) (34%) - Kómar, Ladislav (Author) (33%) - Kocifaj, Miroslav (Author of correspondence) [UKOMFKEF] (33%): **Computed indoor light conditions due to outdoor skyglow at night**. – text. – [reviewed]. – DOI 10.1016/j.uclim.2025.102650. – SCO.
In: *Urban Climate* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 2212-0955. – č. 64 (2025), art. no. 102650, s. 1-12 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 59
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.9 - 2024
SNIP: 1,54 - 2024
SJR: 1,563 - 2024
CiteScore: 10,8 - 2024
AIS: 1.295 - 2024
Quartile Q:
2024, AIS - Environmental sciences - ; **2024, AIS** - Meteorology & atmospheric sciences - ; **2024, JCI** - Environmental sciences - ; **2024, JCI** - Meteorology & atmospheric sciences - ; **2024, JIF** - Environmental sciences - ; **2024, JIF** - Meteorology & atmospheric sciences - ; **2024, Scimago** - Atmospheric science - ; **2024, Scimago** - Environmental science (miscellaneous) - ; **2024, Scimago** - Geography, planning and development - ; **2024, Scimago** - Urban studies -

V3_253 / Marton, Marián (Author of correspondence) [033000] (21%) - Konôpka, Martin (Author) [036000] (20%) - Dobrovodský, Jozef (Author) [MTF STU] (7%) - Vaňa, Dušan (Author) [MTF STU] (7%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (7%) - Veis, Pavel (Author) [UKOMFKEF] (7%) - Michniak, Pavol (Author) [033000] (5%) - Řeháček, Vlastimil (Author of correspondence) [033000] (5%) - Behúl, Miroslav (Author of correspondence) [033000] (5%) - Vančo, Ľubomír (Author of correspondence) [060700] (10%) - Vojs, Marian (Author of correspondence) [033000] (5%) - Kromka, Alexander (Author of correspondence) (1%): **Role of oxygen in suppression of boron incorporation in diamond films: Surface reactions insight**. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.apsusc.2025.163832. – STU_FEI 174/2025. – SCO ; WOS CC ; CCC ; SCIE.

In: *Applied Surface Science* [printed document] [electronic document] : a journal devoted to applied physics and chemistry of surfaces and interfaces. – Amsterdam (Netherlands) : Elsevier. – ISSN 0169-4332. – ISSN (online) 1873-5584. – č. 709 (2025), art. no. 163832, s. 1-9 [printed form] [online]
Number of all authors: 12
[article]
Lit.: 61
[OV 091 Physics - OV 150 Electrical engineering and power engineering]
[ŠO 1160 - ŠO 2675]
Journal Indicator:
IF: 6.9 - 2024
SNIP: 1,193 - 2024
SJR: 1,31 - 2024
CiteScore: 13,4 - 2024
AIS: 0.918 - 2024
Quartile Q:
2024, AIS - Chemistry, physical - ; **2024, AIS** - Materials science, coatings & films - ; **2024, AIS** - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, JCI** - Chemistry, physical - ; **2024, JCI** - Materials science, coatings & films - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JIF** - Chemistry, physical - ; **2024, JIF** - Materials science, coatings & films - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) - ; **2024, Scimago** - Surfaces and interfaces - ; **2024, Scimago** - Surfaces, coatings and films -

V3_254 / Kopáni, Martin (Author of correspondence) [UKOLFULFB] (15%) - Kosnáč, Daniel (Author) [UKOLFULFB] (15%) - Pánik, Ján (Author of correspondence) [UKOLFULFB] (15%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (15%) - Zeman, Jakub (Author) [UKOMFKJFB] (15%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (15%) - Polák, Štefan (Author) [UKOLFAU] (10%): **Assessment of the accumulation of certain metals in human Globus pallidus Using Particle-Induced X-Ray Emission (PIXE), Scanning Electron microscopy (SEM) and energy-dispersive microanalysis**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.3390/app15189897. – SCO ; WOS CC ; OA ; CCC ; SCIE.
In: *Applied sciences* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2076-3417. – Roč. 15, č. 18 (2025), art. no. 9897, s. [1-15] [online]
Number of all authors: 7
[article]
Lit.: 46
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics - OV 100 Environmental science and ecology - OV 120 Chemistry, chemical technology and biotechnology]
[ŠO 5141 - ŠO 1160 - ŠO 1420 - ŠO 1536 - ŠO 1610]
Journal Indicator:
IF: 2,5 - 2024
SNIP: 0,956 - 2024
SJR: 0,521 - 2024
CiteScore: 5,5 - 2024
Nordic List: 1 - 2024
AIS: 0.438 - 2024
Quartile Q:
2024, AIS - Chemistry, multidisciplinary - ; **2024, AIS** - Engineering, multidisciplinary - ; **2024, AIS** - Materials science, multidisciplinary - ; **2024, AIS** - Physics, applied - ; **2024, JCI** - Chemistry, multidisciplinary - ; **2024, JCI** - Engineering, multidisciplinary - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Chemistry, multidisciplinary - ; **2024, JIF** - Engineering, multidisciplinary - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Computer science applications - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Fluid flow and transfer processes - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Materials science (miscellaneous) - ; **2024, Scimago** - Process chemistry and technology -

V3_255 / Ličková, Petra (Author of correspondence) [UKOMFKEF] (20%) - Kostoláni, Dominik (Author) [UKOPRBFR] (15%) - Kyzek, Stanislav (Author) [UKOPRBGE] (15%) - Bathóová, Monika (Author) [UKOPRBFR] (15%) - Ďurčányová, Sandra (Author) (3%) - Stupavská, M. (Author) (5%) - Gálová, Eliška (Author) [UKOPRBGE] (5%) - Zahoranová, Anna (Author) [UKOMFKEF] (7%) - Švubová, Renáta (Author) [UKOPRBFR] (15%): **Extending shelf life: cold plasma as a tool to preserve long-term germination potential of pea seeds**. – text, photographs, graphs. – [reviewed]. – DOI 10.1038/s41598-025-18952-5. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Scientific reports* [electronic document] . – Londýn (United Kingdom) : Springer Nature. Nature Publishing

Group. – ISSN (online) 2045-2322. – Roč. 15, č. 07 October (2025), art. no. 35001, s. [1-13] [online]
Number of all authors: 9
[article]
Lit.: 38
[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]
Journal Indicator:
IF: 3.9 - 2024
SNIP: 1,213 - 2024
SJR: 0,874 - 2024
CiteScore: 6,7 - 2024
Nordic List: 1 - 2024
AIS: 1.031 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_256 / Kostolányi, Peter (Author) [UKOMFKI] (100%): **Commutative semigroups with a context-free word problem**. – text. – [reviewed]. – DOI 10.1142/S0218196725500092. – WOS CC ; SCIE ; CCC ; SCO.
In: *International Journal of Algebra and Computation* [printed document] [electronic document] . – Singapore (Singapore) : World Scientific Publishing. – ISSN 0218-1967. – ISSN (online) 1793-6500. – Roč. 35, č. 3 (2025), s. 375-402 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 36
[OV 160 Information sciences, automation and telecommunications - OV 240 Mathematics and statistics]
[ŠO 2508 - ŠO 1113]
Journal Indicator:
IF: 0.5 - 2024
SNIP: 0,987 - 2024
SJR: 0,565 - 2024
CiteScore: 1,1 - 2024
AIS: 0.504 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_257 / Kostolányi, Peter (Author) [UKOMFKI] (100%): **Free products of semigroups and monoids with a deterministic context-free word problem**. – text + art. no. 106541. – [reviewed]. – DOI 10.1016/j.ipl.2024.106541. – CCC ; WOS CC ; SCO ; SCIE.
In: *Information Processing Letters* [printed document] [electronic document] : Devoted to the Rapid Publication of Short Contributions to Information Processing. – Amsterdam (Netherlands) : Elsevier. – ISSN 0020-0190. – ISSN (online) 1872-6119. – č. 188 (2025), s. 1-5 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 23
[OV 160 Information sciences, automation and telecommunications - OV 240 Mathematics and statistics]
[ŠO 2508 - ŠO 1113]
Journal Indicator:
IF: 0.6 - 2024
SNIP: 0,728 - 2024
SJR: 0,412 - 2024
CiteScore: 1,9 - 2024
AIS: 0.288 - 2024
Quartile Q:
2024, AIS - Computer science, information systems - ; **2024, JCI** - Computer science, information systems - ; **2024, JIF** - Computer science, information systems - ; **2024, Scimago** - Computer science applications - ; **2024, Scimago** - Information systems - ; **2024, Scimago** - Signal processing - ; **2024, Scimago** - Theoretical computer science -

V3_258 / Koten, Pavel (Author) (30%) - Čapek, D. (Author) (20%) - Tóth, Juraj (Author) [UKOMFKAFZM] (15%) - Shrbený, Lukáš (Author) (10%) - Borovička, J. (Author) (5%) - Vaubaillon, Jeremie (Author) (5%) - Zander, Fabian (Author) (5%) - Buttsworth, David (Author) (5%) - Loehle, Stefan (Author) (5%): **A very young τ-Herculid**

meteor cluster observed during a 2022 shower outburst [A very young tau-Herculid meteor cluster observed during a 2022 shower outburst]. – text, graphs, tables. – [reviewed]. – DOI 10.1051/0004-6361/202553764. – OA ; WOS CC ; SCIE ; SCO ; CCC.
In: *Astronomy & Astrophysics* [printed document] [electronic document] : European Journal. – Les Ulis (France) : Édition Diffusion Presse Sciences, Garching (Germany) : European Southern Observatory. – ISSN 0004-6361. – ISSN (online) 1432-0746. – Roč. 695, č. March (2025), art. no. A189, s. 1-9 [printed form] [online]
Number of all authors: 9
[article]
Lit.: 19
[OV 092 Earth and space sciences]
[ŠO 1217 - ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,429 - 2024
SJR: 1,968 - 2024
CiteScore: 8,9 - 2024
AIS: 1.712 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_259 / Barghini, Dario (Author of correspondence) (16.67%) - Ďurišová, Silvia (Author of correspondence) [Internal PhD student - external training center] [UKOMFKAFZM] (16.666%) - Koten, Pavel (Author) (16.666%) - Bertaina, Mario Edoardo (Author) (16.666%) - Gardiol, D. (Author) (16.666%) - Hajduková, Mária (Author of correspondence) (16.666%): **The Kresáks' diagram: Hyperbolic meteoroid orbits and their confidence level**. – text, graphs, tables. – [reviewed]. – DOI 10.1051/0004-6361/202554274. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Astronomy & Astrophysics* [printed document] [electronic document] : European Journal. – Les Ulis (France) : Édition Diffusion Presse Sciences, Garching (Germany) : European Southern Observatory. – ISSN 0004-6361. – ISSN (online) 1432-0746. – č. 701 (2025), art. no. A135, s. 1-15 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 94
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,429 - 2024
SJR: 1,968 - 2024
CiteScore: 8,9 - 2024
AIS: 1.712 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_260 / Kováčik, Samuel (Author) [UKOMFKTF] (33.333%) - Duriskova, Michaela (Author) (33.334%) - Rusnák, Patrik (Author) [Internal PhD student] [UKOMFKTF] (33.333%): **Phenomenology of the dispersion law in a three-dimensional quantum space**. – text, graphs, tables. – [reviewed]. – DOI 10.1142/S0217751X24501549. – WOS CC ; SCO ; SCIE ; CCC.
In: *International Journal of Modern Physics A* [printed document] [electronic document] : Particles and Fields; Gravitation; Cosmology. – Singapur (Singapore) : World Scientific Publishing. – ISSN 0217-751X. – ISSN (online) 1793-656X. – Roč. 40, č. 1 (2025), art. no. 2450154, s. [printed form] [online]
Number of all authors: 3
[article]
Lit.: 63
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.2 - 2024
SNIP: 0,56 - 2024
SJR: 0,402 - 2024
CiteScore: 2,7 - 2024
AIS: 0.326 - 2024
Quartile Q:

2024, AIS - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Nuclear and high energy physics -

V3_261 / Kristek, Jozef (Author) [UKOMFKAFZM] (23%) - Valovčan, Jaroslav (Author) [UKOMFKAFZM] (23%) - Moczo, Peter (Author) [UKOMFKAFZM] (20%) - Gális, Martin (Author) [UKOMFKAFZM] (17%) - Kristeková, Miriam (Author) [UKOMFKAFZM] (17%): **Implications of the Recent Findings for Practical Calculations and Designing the Time-domain Finite-difference Schemes**. – text. – [reviewed].
In: *Seismological Research Letters* [printed document] [electronic document] . – Albany (United States) : Seismological Society of America. – ISSN 0895-0695. – ISSN (online) 1938-2057. – Roč. 96, č. 2B (2025), s. 1442-1442 [printed form] [online]
Annual Meeting Seismological Society of America 2025 [Baltimore, United States, 14.04.2025-18.04.2025]
Number of all authors: 5
[abstract from event - AR]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]
Journal Indicator:
IF: 3.2 - 2024
SNIP: 1,092 - 2024
SJR: 1,249 - 2024
CiteScore: 5,8 - 2024
AIS: 1.157 - 2024
Quartile Q:
2024, AIS - Geochemistry & geophysics - ; **2024, JCI** - Geochemistry & geophysics - ; **2024, JIF** - Geochemistry & geophysics - ; **2024, Scimago** - Geophysics -

V3_262 / Kristeková, Miriam (Author) [UKOMFKAFZM] (33.334%) - Kristek, Jozef (Author) [UKOMFKAFZM] (33.333%) - Moczo, Peter (Author) [UKOMFKAFZM] (33.333%): **Identification of Cavities in Karst Areas Using Seismic Ambient Noise**. – text. – [reviewed].
In: *Seismological Research Letters* [printed document] [electronic document] . – Albany (United States) : Seismological Society of America. – ISSN 0895-0695. – ISSN (online) 1938-2057. – Roč. 96, č. 2B (2025), Poster 49, s. 1401-1402 [printed form] [online]
Annual Meeting Seismological Society of America 2025 [Baltimore, United States, 14.04.2025-18.04.2025]
Number of all authors: 3
[abstract from event - AR]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]
Journal Indicator:
IF: 3.2 - 2024
SNIP: 1,092 - 2024
SJR: 1,249 - 2024
CiteScore: 5,8 - 2024
AIS: 1.157 - 2024
Quartile Q:
2024, AIS - Geochemistry & geophysics - ; **2024, JCI** - Geochemistry & geophysics - ; **2024, JIF** - Geochemistry & geophysics - ; **2024, Scimago** - Geophysics -

V3_263 / Kršňák, Martin (Author) [UKOMFKTF] (100%): **Self-Excited Gravitational Instantons**. – text, tables. – [reviewed]. – DOI 10.1103/PhysRevLett.134.201501. – SCO ; WOS CC ; CCC ; SCIE ; Nature Index.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 134, č. 20 (2025), art. no. 201501, s. 1-6 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 59
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024

AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_264 / Kubáček, Zbyněk (Author) [UKOMFKMANM] (100%): **Exponenciálna a logaritmická funkcia - objavovanie a argumentácia** = Exponential and Logarithmic Functions – Discovery and Argumentation. – text. – [reviewed].
In: *Učitel matematiky* [printed document] . – Brno (Czech Republic) : Masarykova univerzita. Přírodovědecká fakulta. – ISSN 1210-9037. – Roč. 33, č. 4 (2025), s. 280-324 [printed form]
Number of all authors: 1
[article]
Lit.: 12
[OV 240 Mathematics and statistics]
[ŠO 1113]

V3_265 / Kuksenko, Vitalii (Author) [Internal PhD student] [UKOMFKAFZM] (80%) - Tóth, Juraj (Author) [UKOMFKAFZM] (20%): **Meteor observations as a tool to constrain cosmogonic models of the Solar System**. – text, photographs, graphs, tables, pictures (illustration). – [reviewed].
In: *WGN : Journal of the International Meteor Organization* [printed document] . – Hove (Belgium) : International Meteor Organization. – ISSN 1016-3115. – Roč. 53, č. 4 (2025), s. 173-180 [printed form]
International Meteor Conference 2024, 43 [Kutná Hora, Czech Republic, 19.09.2024-22.09.2024]
Number of all authors: 2
[article from event]
Lit.: 22
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]

V3_266 / Kocifaj, Miroslav (Author of correspondence) [UKOMFKEF] (40%) - Kundracik, František (Author) [UKOMFKEF] (40%) - Wallner, Stefan (Author) (20%): **Low Earth Orbit satellite fragmentation rates are critically disrupting the natural night sky background**. – text. – [reviewed]. – DOI 10.1093/mnrasl/slaf052. – SCO ; OA ; Nature Index.
In: *Monthly Notices of the Royal Astronomical Society* [printed document] [electronic document] : Letters. – Oxford (United Kingdom) : Oxford University Press. – ISSN 1745-3925. – ISSN (online) 1745-3933. – Roč. 541, č. 1 (2025), s. L41-L51 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 22
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
SNIP: 0,933 - 2024
SJR: 1,688 - 2024
CiteScore: 8 - 2024
Quartile Q:
2024, Scimago - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_267 / Kocifaj, Miroslav (Author of correspondence) [UKOMFKEF] (50%) - Kundracik, František (Author) [UKOMFKEF] (40%) - Gueymard, Christian A (Author) (10%): **Radiative warming by multicomponent soot-dominated aerosols can be controlled by material configuration**. – text. – [reviewed]. – DOI 10.1016/j.envint.2025.109343. – CCC ; WOS CC ; SCO ; SCIE ; BIOSIS Citation Index ; MEDLINE®.
In: *Environment international* [printed document] [electronic document] : a journal of environmental science, risk & health. – Amsterdam (Netherlands) : Elsevier. Academic Press. – ISSN 0160-4120. – ISSN (online) 1873-6750. – č. 197 (2025), art. no. 109343, s. 1-5 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 33
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.7 - 2024

SNIP: 2,332 - 2024
SJR: 3,145 - 2024
CiteScore: 19,7 - 2024
AIS: 2.654 - 2024
Quartile Q:
2024, AIS - Environmental sciences - ; **2024, JCI** - Environmental sciences - ; **2024, JIF** - Environmental sciences - ; **2024, Scimago** - Environmental science (miscellaneous) -

V3_268 / Medvecká, Veronika (Author of correspondence) [UKOMFKEF] (35%) - Kyzek, Stanislav (Author) [UKOPRBGE] (10%) - Peťková, Mária (Author) [UKOPRBGE] (30%) - Ďurčányová, Sandra (Author) [Internal PhD student] [UKOMFKEF] (15%) - Ševčovičová, Andrea (Author) [UKOPRBGE] (5%) - Zahoranová, Anna (Author) [UKOMFKEF] (5%): **Multi-hollow surface dielectric barrier discharge characterization prior to application for inactivation of microorganisms**. – text, illustrations, graphs, pictures (illustration). – [reviewed]. – DOI 10.1088/1402-4896/ade9f8. – SCO ; WOS CC ; SCIE ; CCC.
In: *Physica Scripta* [printed document] [electronic document] : an international journal for experimental and theoretical physics. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0031-8949. – ISSN (online) 1402-4896. – Roč. 100, č. 7 (2025), art. no. 075624, s. [1-14] [printed form] [online]
Number of all authors: 6
[article]
Lit.: 48
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]
Journal Indicator:
IF: 2.6 - 2024
SNIP: 0,737 - 2024
SJR: 0,388 - 2024
CiteScore: 3,1 - 2024
AIS: 0.353 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Mathematical physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_269 / Lavrikova, Aleksandra (Author) [Internal PhD student] [UKOMFKAFZM] (50%) - Janda, Mário (Author) [UKOMFKAFZM] (10%) - Bujdáková, Helena (Author) [UKOPRBMV] (15%) - Hensel, Karol (Author) [UKOMFKAFZM] (25%): **Eradication of single- and mixed-species biofilms of P. aeruginosa and S. aureus by pulsed streamer corona discharge cold atmospheric plasma**. – text, illustrations, graphs. – [reviewed]. – DOI 10.1016/j.scitotenv.2024.178184. – CCC ; WOS CC ; SCO ; OA ; MEDLINE®.
In: *Science of the total environment* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0048-9697. – ISSN (online) 1879-1026. – č. 959 (2025), art. no. 178184, s. [1-10] [printed form] [online]
Number of all authors: 4
[article]
Lit.: 56
[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]
Journal Indicator:
IF: 8.0 - 2024
SNIP: 1,835 - 2024
SJR: 2,137 - 2024
CiteScore: 16,4 - 2024
AIS: 1.514 - 2024
Quartile Q:
2024, AIS - Environmental sciences - ; **2024, JCI** - Environmental sciences - ; **2024, JIF** - Environmental sciences - ; **2024, Scimago** - Environmental chemistry - ; **2024, Scimago** - Environmental engineering - ; **2024, Scimago** - Pollution - ; **2024, Scimago** - Waste management and disposal -

V3_270 / Lebedeva, Anastasiya (Author) (50%) - Herman, František (Author) [UKOMFKEF] (50%): **Detailed Analysis of the Superconducting Gap with Dynes Pair-Breaking Scattering**. – text, graphs. – [reviewed]. – DOI 10.1007/s10948-024-06844-0. – SCO ; WOS CC ; CCC ; SCIE ; OA.
In: *Journal of Superconductivity and Novel Magnetism* [printed document] [electronic document] . – Cham (Switzerland) : Springer Nature. – ISSN 1557-1939. – ISSN (online) 1557-1947. – Roč. 38, č. 1 (2025), art. no. 26,

s. 1-8 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 20
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.7 - 2024
SNIP: 0,659 - 2024
SJR: 0,37 - 2024
CiteScore: 3,9 - 2024
AIS: 0.300 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electronic, optical and magnetic materials -

V3_271 / Lebedeva, Anastasiya (Author) (25%) - Hladký, Matúš (Author) (25%) - Polák, Marcel (Author) (25%) - Herman, František (Author of correspondence) [UKOMFKEF] (25%): **Local-limit disorder characteristics of niobium-based superconducting radio-frequency cavities**. – text, graphs, tables. – [reviewed]. – DOI 10.1103/5hp2-3x8n. – SCO ; WOS CC ; CCC ; SCIE.
In: *Physical Review Applied* [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN (online) 2331-7019. – Roč. 24, č. 4 (2025), art. no. 044007, s. 1-21 [online]
Number of all authors: 4
[article]
Lit.: 59
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.4 - 2024
SNIP: 1,199 - 2024
SJR: 1,288 - 2024
CiteScore: 7,2 - 2024
AIS: 1.208 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_272 / Li, Zhuohao (Author) (33.333%) - Fečkan, Michal (Author) [UKOMFKMANM] (33.334%) - Wang, JinRong (Author of correspondence) (33.333%): **On a Sea-Breeze Flow Mathematical Model in Troposphere**. – text, graphs. – [reviewed]. – DOI 10.1007/s00021-025-00919-1. – SCO ; SCIE ; CCC ; WOS CC.
In: *Journal of Mathematical Fluid Mechanics* [printed document] [electronic document] . – Cham (Switzerland) : Springer Nature. – ISSN 1422-6928. – ISSN (online) 1422-6952. – Roč. 27, č. 1 (2025), art. no. 16, s. 1-9 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 13
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.3 - 2024
SNIP: 1,12 - 2024
SJR: 1,23 - 2024
CiteScore: 2,2 - 2024
AIS: 0.859 - 2024
Quartile Q:
2024, AIS - Mathematics, applied - ; **2024, AIS** - Mechanics - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, JCI** - Mathematics, applied - ; **2024, JCI** - Mechanics - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JIF** - Mathematics, applied - ; **2024, JIF** - Mechanics - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Computational mathematics - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Mathematical physics -

V3_273 / ISOLDE Decay Station [Author corporation] ; Lica, R. (Author) (2.215%) - Andreyev, Andrei N.

(Author) (2.173%) - Naidja, Houda (Author) (2.173%) - Blazhev, Andrey (Author) (2.173%) - van Duppen, Piet (Author) (2.173%) - Andel, Boris (Author) [UKOMFKJFB] (2.173%) - Antalic, Stanislav (Author) [UKOMFKJFB] (2.173%) - Mošať, Pavol (Author) (2.173%): **Revealing the Nature of yrast States in Neutron-Rich Polonium Isotopes**. – text, graphs, tables. – [reviewed]. – DOI 10.1103/PhysRevLett.134.052502. – SCO ; MEDLINE® ; WOS CC ; CCC ; SCIE ; OA ; Nature Index.
In: *Physical Review Letters* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 0031-9007. – ISSN (online) 1079-7114. – Roč. 134, č. 5 (2025), art. no. 052502, s. 1-7 [printed form] [online]
Number of all authors: 46
[article]
Lit.: 55
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 9.0 - 2024
SNIP: 2,412 - 2024
SJR: 2,856 - 2024
CiteScore: 15,6 - 2024
AIS: 2.885 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_274 / Liptaj, Andrej (Author) (25%) - Dubnička, Stanislav (Author) (25%) - Dubničková, Anna Zuzana (Author) (25%) - Ivanov, Mikhail A. (Author) (25%): **Hadrons in Covariant Confined Quark Model**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.5506/APhysPolBSupp.18.6-A22. – WOS CC ; SCO.
In: *Acta Physica Polonica B Proceedings Supplement* [printed document] [electronic document] . – Krakow (Poland) : Uniwersytet Jagielloński. Wydawnictwo Uniwersytetu Jagiellońskiego. – ISSN 1899-2358. – ISSN (online) 2082-7865. – suppl. V4HEP Theory and Experiment in High-Energy Physics Roč. 18, č. 6 (2025), art. no. 6-A22, s. 6-A22.1-6-A22.5 [printed form] [online]
Theory and Experiment in High-Energy Physics, 1 [Bratislava, Slovakia, 26.07.2023-28.07.2023]
Number of all authors: 4
[article from event]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
SNIP: 0,137 - 2024
SJR: 0,173 - 2024
CiteScore: 0,5 - 2024
Quartile Q:
2024, Scimago - Physics and astronomy (miscellaneous) -

V3_275 / ISOLDE Decay Station [Author corporation] ; Llanos-Expósito, M. (Author) (1.123%) - Benito, J. (Author) (1.123%) - Fraile, L. M. (Author) (1.123%) - Illana, A. (Author) (1.123%) - Acosta, J. (Author) (1.123%) - Andel, Boris (Author) [UKOMFKJFB] (1.176%) - Antalic, Stanislav (Author) [UKOMFKJFB] (1.123%) - Mišt, Jozef (Author) [Internal PhD student] [UKOMFKJFB] (1.123%): **Structure of 128Sn selectively populated in the β decay of the 128In ground state** [Structure of 128Sn selectively populated in the beta decay of the 128In ground state]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/PhysRevC.111.064310. – CCC ; WOS CC ; SCIE ; OA ; SCO.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 111, č. 6 (2025), art. no. 064310, s. 1-13 [printed form] [online] [CD-ROM]
Number of all authors: 89
[article]
Lit.: 44
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024

AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_276 / Lojová, Ingrid (Author) [Internal PhD student - external training center] [UKOPRBMB] (10%) - Kucharík, Marcel (Author) (10%) - Pös, Zuzana (Author) (10%) - Baláž, Andrej (Author) (10%) - Zaťková, Andrea (Author) (10%) - Tóthová Tarová, Eva (Author) [UJSPFKBIO] (10%) - Budiš, Jaroslav (Author) [UKOVP] (10%) - Kádaši, Ľudevít (Author) (10%) - Szemes, Tomáš (Author) [UKOPRBMB] (10%) - Radvánszky, Ján (Author of correspondence) [UKOPRBMB] (10%): **Advancing molecular diagnostics of myotonic dystrophy type 1 using short-read whole genome sequencing**. – text, graphs. – [reviewed]. – DOI 10.1016/j.mcp.2024.102005. – SCO ; MEDLINE® ; WOS CC ; SCIE ; CCC.
In: *Molecular and Cellular Probes* [printed document] [electronic document] . – London (United Kingdom) : Elsevier. Academic Press. – ISSN 0890-8508. – ISSN (online) 1096-1194. – Roč. 79 (2025), art. no. 102005, s. 1-8 [printed form] [online]
Number of all authors: 10
[article]
Lit.: 44
[OV 130 Life sciences]
[ŠO 1217 - ŠO 1536]
Journal Indicator:
IF: 3.0 - 2024
SNIP: 0,602 - 2024
SJR: 0,635 - 2024
CiteScore: 4,8 - 2024
AIS: 0.501 - 2024
Quartile Q:
2024, AIS - Biochemical research methods - ; **2024, AIS** - Biochemistry & molecular biology - ; **2024, AIS** - Biotechnology & applied microbiology - ; **2024, AIS** - Cell biology - ; **2024, JCI** - Biochemical research methods - ; **2024, JCI** - Biochemistry & molecular biology - ; **2024, JCI** - Biotechnology & applied microbiology - ; **2024, JCI** - Cell biology - ; **2024, JIF** - Biochemical research methods - ; **2024, JIF** - Biochemistry & molecular biology - ; **2024, JIF** - Biotechnology & applied microbiology - ; **2024, JIF** - Cell biology - ; **2024, Scimago** - Cell biology - ; **2024, Scimago** - Molecular biology -

V3_277 / Lukoťka, Robert (Author) [UKOMFKI] (50%) - Oguagbaka, Makuochukwu Felix (Author of correspondence) [Internal PhD student] [UKOMFKI] (50%): **Perfect versus imperfect matching covers of cubic graphs**. – text. – [reviewed]. – DOI 10.1016/j.procs.2025.10.300. – SCO ; OA.
In: *Procedia Computer Science* [electronic document] . – ISSN (online) 1877-0509. – suppl. 13 Latin American Algorithms, Graphs, and Optimization Symposium (LAGOS 2025), č. 273 (2025), s. 207-214 [online]
Latin American Algorithms, Graphs, and Optimization Symposium, 13 [Buenos Aires, Argentina, 10.11.2025-14.11.2025]
Number of all authors: 2
[article from event]
Lit.: 18
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
SNIP: 0,899 - 2024
SJR: 0,471 - 2024
CiteScore: 4,1 - 2024

V3_278 / Luptáková, Gabriela (Author) [UKOTVKEH] (37%) - Balga, Tibor (Author of correspondence) [UKOTVKEH] (32%) - Antala, Branislav (Author) [UKOTVKEH] (7%) - Cihová, Iveta (Author) (7%) - Argajová, Jaroslava (Author) [UKOTVKEH] (7%) - Dovičák, Martin (Author) (1%) - Sližik, Miroslav (Author) [125799] (7%) - Gurský, Tomáš (Author) (1%) - Macháček, Ján (Author) (1%): **Collaborative instruction with external providers in primary physical education** : a three-year comparative analysis of generalist teacher perspective = Sodelovalno poučevanje z zunanjimi ponudniki pri pouku športne vzgoje v osnovni šoli : triletna primerjalna analiza perspektive splošnih učiteljev. – text, tables. – [reviewed]. – DOI 10.52165/kinsi.31.1.21-34. – WOS CC ; SCO ; ESCI ; OA.
In: *Kinesiologia Slovenica* [printed document] [electronic document] : scientific journal on sport. – Ľubľana (Slovenia) : Univerza v Ljubljani. – ISSN 1318-2269. – ISSN (online) 2232-4062. – suppl. Inspiring Excellence: Empowering the Future of Physical Education and Sport Roč. 31, č. 1 (2025), s. 21-34 [printed form] [online]
Number of all authors: 9

[article]
Lit.: 19
[OV 010 Pedagogical science - OV 210 Sports sciences]
[ŠO 7418]
Journal Indicator:
Nordic List: 1 - 2025
IF: 0.2 - 2024
SNIP: 0,142 - 2024
SJR: 0,157 - 2024
CiteScore: 0,5 - 2024
AIS: 0.049 - 2024
Quartile Q:
2024, AIS - Sport sciences - ; **2024, JCI** - Sport sciences - ; **2024, JIF** - Sport sciences - ; **2024, Scimago** - Anthropology - ; **2024, Scimago** - Education - ; **2024, Scimago** - Health (social science) -

V3_279 / Macko, Andrej (Author) (42%) - Gajdošech, Lukáš (Author) [Internal PhD student] [UKOMFKAI] (42%) - Kocur, Viktor (Author of correspondence) (16%): **Efficient vision-based vehicle speed estimation**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1007/s11554-025-01704-z. – CCC ; WOS CC ; SCIE ; OA ; SCO.
In: *Journal of Real-Time Image Processing* [electronic document] [printed document] . – Cham (Switzerland) : Springer Nature. – ISSN 1861-8200. – ISSN (online) 1861-8219. – Roč. 22, č. 3 (2025), art. no. 123, s. 1-11 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 57
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
IF: 3.0 - 2024
SNIP: 1,102 - 2024
SJR: 0,578 - 2024
CiteScore: 7,4 - 2024
AIS: 0.348 - 2024
Quartile Q:
2024, AIS - Computer science, artificial intelligence - ; **2024, AIS** - Engineering, electrical & electronic - ; **2024, AIS** - Imaging science & photographic technology - ; **2024, JCI** - Computer science, artificial intelligence - ; **2024, JCI** - Engineering, electrical & electronic - ; **2024, JCI** - Imaging science & photographic technology - ; **2024, JIF** - Computer science, artificial intelligence - ; **2024, JIF** - Engineering, electrical & electronic - ; **2024, JIF** - Imaging science & photographic technology - ; **2024, Scimago** - Information systems -

V3_280 / Mačaj, Martin (Author) [UKOMFKAG] (50%) - Wilsch, Dávid (Author) [Internal PhD student] [UKOMFKAG] (50%): **All McKay-Miller-Širáň graphs are bi-Cayley**. – text. – [reviewed]. – SCO ; WOS CC ; ESCI.
In: *Acta Mathematica Universitatis Comenianae* [printed document] [electronic document] . – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. – ISSN 0862-9544. – ISSN (online) 1336-0310. – ISSN (canceled) 0231-6986. – Roč. 94, č. 3 (2025), s. 135-143 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 8
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.4 - 2024
SNIP: 0,407 - 2024
SJR: 0,197 - 2024
CiteScore: 0,9 - 2024
AIS: 0.254 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_281 / Madhusudhan, Arshitha (Author) [Internal PhD student] [UKOPRCAG] (30%) - Zelenka, Tomáš (Author) (10%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Roch, Tomáš (Author) [UKOMFCENAM]

(10%) - Gregor, Maroš (Author) [UKOMFCENAM] (10%) - Cheng, Peng (Author) (10%) - Monfort, Olivier (Author) [UKOPRCAG] (20%): **A comparative study of different activation methods for hydrochar: surface properties and removal of pharmaceutical pollutant in water**. – text, illustrations, graphs. – [reviewed]. – DOI 10.1007/s11356-025-36706-8798. – SCO ; BIOSIS Citation Index ; WOS CC.
In: *Environmental science and pollution research* [electronic document] [printed document] . – Heidelberg (Germany) : Springer Nature. Springer International Publishing AG. – ISSN 0944-1344. – ISSN (online) 1614-7499. – Roč. 32 (2025), s. 18107-18120 [printed form] [online]
Number of all authors: 7
[article]
Lit.: 41
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1420 - ŠO 1160]
Journal Indicator:
SNIP: 1,084 - 2024
SJR: 1,004 - 2024
CiteScore: 10,6 - 2024
Quartile Q:
2023, AIS - Environmental sciences - ; **2023, JCI** - Environmental sciences - ; **2024, Scimago** - Environmental chemistry - ; **2024, Scimago** - Health, toxicology and mutagenesis - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Pollution -

V3_282 / Kováčik, Samuel (Author of correspondence) [UKOMFKTF] (50%) - Magdolenová, Katarína (Author) (50%): **Eigenvalue distribution from bootstrap estimates**. – text, graphs, tables. – [reviewed]. – DOI 10.1103/m812-s3hr. – CCC ; WOS CC ; SCIE ; SCO ; OA.
In: *Physical Review D* [printed document] [electronic document] . – College Park (United States) : American Institute of Physics. – ISSN 2470-0010. – ISSN (online) 2470-0029. – ISSN (canceled) 1550-7998. – ISSN (canceled) 1550-2368. – Roč. 112, č. 12 (2025), art. no. 126021, s. 1-12 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 36
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.3 - 2024
SNIP: 1,225 - 2024
SJR: 1,458 - 2024
CiteScore: 9 - 2024
AIS: 0.995 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_283 / Maksakova, Olga (Author) [M1000] (18%) - Smyrnova, Kateryna (Author) [UKOMFCENAM] (15%) - Ludrovcová, Barbora (Author) [M3000] (15%) - Sahul, Martin (Author) [M1000] (10%) - Haršáni, Marián (Author) (3%) - Truchlý, Martin (Author) [UKOMFCENAM] (9%) - Sahul, Miroslav (Author) [Part-time] [063100] (5%) - Vopát, Tomáš (Author) [M3000] (5%) - Pašák, Matej (Author) [M1000] (8%) - Kozak, Andrii (Author) (10%) - Pohrebniak, Oleksandr (Author) [M1000] (2%): **Tribological and micromechanical performance of hard yet tough TiSiN/WN coatings** : An experimental analysis of multilayer effects. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.ijrmhm.2025.107212. – SCO ; WOS CC ; CCC ; SCIE.
In: *International journal of refractory metals and hard materials* [printed document] [electronic document] . – Oxford (United Kingdom) : Elsevier. Elsevier Science, Londýn (United Kingdom) : Elsevier. – ISSN 0263-4368. – ISSN (online) 2213-3917. – č. 131 (2025), art. no. 107212, s. 1-14 [printed form] [online]
Number of all authors: 11
[article]
Lit.: 52
[OV 110 Metallurgic and mining sciences - OV 091 Physics]
[ŠO 2381 - ŠO 1160]
Journal Indicator:
IF: 4.6 - 2024
SNIP: 1,466 - 2024
SJR: 1,101 - 2024

CiteScore: 7,3 - 2024
AIS: 0.740 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, AIS** - Metallurgy & metallurgical engineering - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Metallurgy & metallurgical engineering - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Metallurgy & metallurgical engineering - ; **2024, Scimago** - Ceramics and composites - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Mechanical engineering - ; **2024, Scimago** - Mechanics of materials - ; **2024, Scimago** - Metals and alloys -

V3_284 / Makukova, Jana (Author) [Internal PhD student] [UKOPRBGE] (25%) - Kyzeková, Ivana (Author) [UKOPRBGE] (10%) - Kyzek, Stanislav (Author) [UKOPRBGE] (10%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (15%) - Monfort, Olivier (Author) [UKOPRCAG] (10%) - Machala, Zdenko (Author) [UKOMFKAFZM] (10%) - Ševčovičová, Andrea (Author) [UKOPRBGE] (20%): **Exploring the Toxicity of Bisphenol A Degraded by Non-Thermal Plasma: Insights from Yeast**. – text. – [reviewed]. – DOI 10.1016/j.toxlet.2025.07.312. – WOS CC ; SCIE ; SCO ; CCC.
In: *Toxicology Letters* [electronic document] [printed document] : the Official Journal of EUROTOX. – Amsterdam (Netherlands) : Elsevier. – ISSN 0378-4274. – ISSN (online) 1879-3169. – suppl. EUROTOX 2025 Roč. 411 (2025), s. 123-124 [printed form] [online]
Congress of the European Societies of Toxicology (EUROTOX 2025), 59 [Atény, Greece, 14.09.2025-17.09.2025]
Number of all authors: 7
[abstract from event - AR]
Lit.: 3
[OV 130 Life sciences - OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1536 - ŠO 1420 - ŠO 1160]
Journal Indicator:
IF: 2.9 - 2024
SNIP: 0,782 - 2024
SJR: 0,767 - 2024
CiteScore: 5,9 - 2024
AIS: 0.651 - 2024
Quartile Q:
2024, AIS - Toxicology - ; **2024, JCI** - Toxicology - ; **2024, JIF** - Toxicology - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Toxicology -

V3_285 / Vrbinský, M. (Author of correspondence) (14.29%) - Margitfalvi, Peter (Author) (14.285%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (14.285%) - Švantner, P. (Author) (14.285%) - Kromková, K. (Author) (14.285%) - Batuna, D. (Author) (14.285%) - Hlivák, Peter (Author) (14.285%): **Efficacy of conduction system pacing for restoring / maintaining synchronized ventricular activation** = Efektivita kardiostimulácie prevodového systému srdca ako nástroja pre dosiahnutie / udržanie synchronizovanej aktivácie komôr. – text. – [reviewed].
In: *Cardiology letters* [printed document] [electronic document] . – Bratislava (Slovakia) : Slovenská kardiologická spoločnosť. – ISSN 1338-3655. – ISSN (online) 1338-3760. – Roč. 34, č. 1 (2025), s. 70-70 [printed form] [online]
Kongres Slovenskej kardiologickej spoločnosti, 29 [Šamorín, Slovakia, 02.10.2024-04.10.2024]
Number of all authors: 7
[abstract from event - AR]
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
SNIP: 0,059 - 2024
SJR: 0,113 - 2024
CiteScore: 0,2 - 2024
Quartile Q:
2024, Scimago - Cardiology and cardiovascular medicine -

V3_286 / Markoš, Peter (Author) (50%) - Hlubina, Richard (Author of correspondence) [UKOMFKEF] (50%): **On the dynamics of the Meissner and the Becker-London effects**. – text. – [reviewed]. – DOI 10.1016/j.physc.2025.1354814. – CCC ; WOS CC ; SCO ; SCIE.
In: *Physica C* [printed document] [electronic document] : Superconductivity and its Applications. – Amsterdam (Netherlands) : Elsevier. – ISSN 0921-4534. – ISSN (online) 1873-2143. – č. 639 (2025), art. no. 1354814, s. 1-15 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 42

[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.0 - 2024
SNIP: 0,563 - 2024
SJR: 0,313 - 2024
CiteScore: 2,4 - 2024
AIS: 0.256 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Energy engineering and power technology -

V3_287 / Medveď, Milan (Author) (33.333%) - Pospíšil, Michal (Author of correspondence) [UKOMFKMANM] (33.334%) - Brestovanská, Eva (Author) (33.333%): **Nonlinear integral inequalities involving Ψ-Hilfer fractional integrals and iterated fractional integrals, with applications to Ψ-Caputo fractional differential equations** [Nonlinear integral inequalities involving Psi-Hilfer fractional integrals and iterated fractional integrals, with applications to Psi-Caputo fractional differential equations]. – text, graphs. – [reviewed]. – DOI 10.14232/ejqtde.2025.1.30. – SCO ; SCIE ; WOS CC ; CCC ; OA.
In: *Electronic Journal of Qualitative Theory of Differential Equations* [electronic document] . – Segedín (Hungary) : Szegedi Tudományegyetem. – ISSN (online) 1417-3875. – č. 30 (2025), s. 1-24 [online]
Number of all authors: 3
[article]
Lit.: 25
[OV 240 Mathematics and statistics - OV 080 Economics and management]
[ŠO 1113 - ŠO 6213]
Journal Indicator:
IF: 0.8 - 2024
SNIP: 0,608 - 2024
SJR: 0,434 - 2024
CiteScore: 1,2 - 2024
AIS: 0.349 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Applied mathematics -

V3_288 / Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (55%) - Mišúthová, Adriana (Author) [UKOMFKAFZM] (25%) - Machala, Zdenko (Author of correspondence) [UKOMFKAFZM] (20%): **Comparison of the Impacts of Three Types of Plasma-Activated Water on the Seed Germination and Plant Growth of Lettuce (Lactuca sativa)**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1002/ppap.70083. – WOS CC ; SCIE ; CCC ; SCO.
In: *Plasma Processes and Polymers* [printed document] [electronic document] . – Weinheim (Germany) : John Wiley & Sons. Wiley-VCH. – ISSN 1612-8850. – ISSN (online) 1612-8869. – Roč. 22, č. 12 (2025), art. no. 70083, s. 1-16 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 63
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.9 - 2024
SNIP: 0,934 - 2024
SJR: 0,513 - 2024
CiteScore: 6,3 - 2024
AIS: 0.508 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, AIS** - Polymer science - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JCI** - Polymer science - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, JIF** - Polymer

science - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Polymers and plastics -

V3_289 / Meluš, Jaroslav (Author) [Internal PhD student] [UKOLF2NK] (50%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Hapáková, Lenka (Author) [Internal PhD student] [UKOLF2NK] (10%) - Konečná, Michaela (Author) [Internal PhD student] [UKOLF2NK] (5%) - Valkovič, Peter (Author) [UKOLF2NK] (5%) - Timárová, Gabriela (Author of correspondence) [UKOLF2NK] (20%): **Repetitive transcranial magnetic stimulation for the treatment of focal drug-resistant epilepsy** : A crossover, randomized, single-blinded, sham-controlled clinical trial. – text, pictures (illustration). – [reviewed]. – DOI 10.1016/j.seizure.2025.07.015. – SCO ; OA ; CCC ; WOS CC ; SCIE ; MEDLINE®.
In: *Seizure* [printed document] [electronic document] . – Londýn (United Kingdom) : Elsevier. – ISSN 1059-1311. – ISSN (online) 1532-2688. – Roč. 131, č. September 2025 (2025), s. 290-297 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 32
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
IF: 2.8 - 2024
SNIP: 0,996 - 2024
SJR: 0,792 - 2024
CiteScore: 4,8 - 2024
AIS: 0.932 - 2024
Quartile Q:
2024, AIS - Clinical neurology - ; **2024, AIS** - Neurosciences - ; **2024, JCI** - Clinical neurology - ; **2024, JCI** - Neurosciences - ; **2024, JIF** - Clinical neurology - ; **2024, JIF** - Neurosciences - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Neurology - ; **2024, Scimago** - Neurology (clinical) -

V3_290 / Mészáros, Peter (Author) [UKOMFKTF] (100%): **Modified Black Hole with Extra Dimensions as an Unusual Dark Matter Candidate**. – text. – [reviewed]. – DOI 10.5506/APhysPolBSupp.18.6-A6. – WOS CC ; SCO.
In: *Acta Physica Polonica B Proceedings Supplement* [printed document] [electronic document] . – Krakow (Poland) : Uniwersytet Jagielloński. Wydawnictwo Uniwersytetu Jagiellońskiego. – ISSN 1899-2358. – ISSN (online) 2082-7865. – suppl. V4HEP Theory and Experiment in High-Energy Physics Roč. 18, č. 6 (2025), art. no. 6-A6, s. 1-4 [printed form] [online]
Theory and Experiment in High-Energy Physics, 3 [Praha, Czech Republic, 01.10.2024-04.10.2024]
Number of all authors: 1
[article from event]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
SNIP: 0,137 - 2024
SJR: 0,173 - 2024
CiteScore: 0,5 - 2024
Quartile Q:
2024, Scimago - Physics and astronomy (miscellaneous) -

V3_291 / Mikolášková, Iveta (Author) (20%) - Zvarík, Milan (Author) [UKOMFKJFB] (35%) - Kollárik, Boris (Author) (5%) - Hunáková, Ľuba (Author of correspondence) [UKOLFIU] (40%): **Heart rate variability and perceived stress relations differ between first-diagnosed and recurrent bladder cancer patients**. – text, graphs, tables. – [reviewed]. – DOI 10.1007/s44411-025-00289-0. – SCO ; WOS CC ; OA ; SCIE.
In: *Bratislava medical journal* [printed document] [electronic document] . – Cham (Switzerland) : Springer Nature. – ISSN 0006-9248. – ISSN (online) 1336-0345. – Roč. 126, č. 10 (2025), s. 2737-2746 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 48
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
IF: 1,1 - 2024
SNIP: 0,577 - 2024
SJR: 0,458 - 2024
CiteScore: 2,8 - 2024

Nordic List: 1 - 2024
AIS: 0.279 - 2024
Quartile Q:
2024, AIS - Medicine, general & internal - ; **2024, JCI** - Medicine, general & internal - ; **2024, JIF** - Medicine, general & internal - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_292 / Nawaz, Ammara (Author of correspondence) (40%) - Molnárová, Marianna (Author) [UKOPREEM] (10%) - Kusumkar, Vipul Vilas (Author) [UKOPRCJD] (10%) - Galamboš, Michal (Author) [UKOPRCJD] (10%) - Atri, Shalu (Author) [UKOPRCAG] (10%) - Monfort, Olivier (Author) [UKOPRCAG] (10%) - Fargašová, Agáta (Author) (10%): **Toxicity Assessment of MXene in Scenedesmus quadricauda Physicochemical Parameters**. – text, illustrations, graphs. – [reviewed]. – DOI 10.1007/s11270-025-08335-x. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Water, Air and Soil Pollution* [printed document] [electronic document] : an International Journal of Environmental Pollution. – Dordrecht (Netherlands) : Springer Nature. Springer International Publishing AG. – ISSN 0049-6979. – ISSN (online) 1573-2932. – Roč. 236, č. 11 (2025), art. no. 750, s. [1-14] [printed form] [online]
Number of all authors: 7
[article]
Lit.: 67
[OV 100 Environmental science and ecology - OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1610 - ŠO 1420 - ŠO 1160]
Journal Indicator:
IF: 3.0 - 2024
SNIP: 0,705 - 2024
SJR: 0,659 - 2024
CiteScore: 4,6 - 2024
AIS: 0.412 - 2024
Quartile Q:
2024, AIS - Environmental sciences - ; **2024, AIS** - Meteorology & atmospheric sciences - ; **2024, AIS** - Water resources - ; **2024, JCI** - Environmental sciences - ; **2024, JCI** - Meteorology & atmospheric sciences - ; **2024, JCI** - Water resources - ; **2024, JIF** - Environmental sciences - ; **2024, JIF** - Meteorology & atmospheric sciences - ; **2024, JIF** - Water resources - ; **2024, Scimago** - Ecological modeling - ; **2024, Scimago** - Environmental chemistry - ; **2024, Scimago** - Environmental engineering - ; **2024, Scimago** - Pollution - ; **2024, Scimago** - Water science and technology -

V3_293 / Momtazzadeh, Fariborz (Author) (40%) - Sohbatzadeh, Farshad (Author) (20%) - Ahmadi, Hamed Soltani (Author) (20%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (20%): **Numerical investigation of the effect of high-voltage frequency on the density of RONS species in the air atmospheric pressure gas discharge**. – text. – [reviewed]. – DOI 10.1007/s40042-025-01392-9. – CCC ; WOS CC ; SCIE ; SCO.
In: *Journal of the Korean Physical Society* [printed document] . – Berlín (Germany) : Springer Nature. – ISSN 0374-4884. – ISSN (online) 1976-8524. – Roč. 87, č. 1 (2025), s. 35-46 [printed form]
Number of all authors: 4
[article]
Lit.: 35
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 0.9 - 2024
SNIP: 0,422 - 2024
SJR: 0,256 - 2024
CiteScore: 1,5 - 2024
AIS: 0.131 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_294 / Moravský, Ladislav (Author) [UKOMFKEF] (30%) - Fateh Borkhari, Arian (Author) (5%) - Adamov, Alexey (Author) (5%) - Sysoev, Alexey A. (Author) (5%) - Papp, Peter (Author) [UKOMFKEF] (20%) - Kovár, Samuel Peter (Author) (20%) - Matejčík, Štefan (Author) [UKOMFKEF] (15%): **Atmospheric pressure chemical ionisation (APCI) of selected thiophene derivatives studied by ion mobility spectrometry and mass spectrometry**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1088/1402-4896/adbea5. – SCO ; WOS CC ; SCIE ; CCC.
In: *Physica Scripta* [printed document] [electronic document] : an international journal for experimental and

theoretical physics. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0031-8949. – ISSN (online) 1402-4896. – Roč. 100, č. 4 (2025), art. no. 045408, s. 1-10 [printed form] [online]
Number of all authors: 7
[article]
Lit.: 45
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.6 - 2024
SNIP: 0,737 - 2024
SJR: 0,388 - 2024
CiteScore: 3,1 - 2024
AIS: 0.353 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Mathematical physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_295 / Jacko, Juraj (Author of correspondence) [Internal PhD student] [UKOMFKJFB] (35%) - Morvová, Marcela (Author) [UKOMFKJFB] (5%) - Tóth Hervay, Nora (Author) [UKOPRBMV] (15%) - Eliaš, Daniel (Author) (10%) - Gbelská, Yvetta (Author) (5%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (5%) - Gášková, Dana (Author) (5%) - Balážová, M. (Author) (15%) - Šikurová, Libuša (Author) [UKOMFKJFB] (5%): **Impact of ERG6 Gene Deletion on Membrane Composition and Properties in the Pathogenic Yeast Candida glabrata**. – text, graphs, tables. – [reviewed]. – DOI 10.1007/s12013-024-01599-w. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Cell Biochemistry and Biophysics* [printed document] [electronic document] . – New York (United States) : Springer Nature. Springer Science+Business Media, Totowa (United States) : Humana Press. – ISSN 1085-9195. – ISSN (online) 1559-0283. – Roč. 83, č. 2 (2025), s. 1909-1918 [printed form] [online]
Number of all authors: 9
[article]
Lit.: 71
[OV 091 Physics - OV 130 Life sciences - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 1536 - ŠO 5141]
Journal Indicator:
IF: 2.5 - 2024
SNIP: 0,512 - 2024
SJR: 0,608 - 2024
CiteScore: 2,7 - 2024
AIS: 0.435 - 2024
Quartile Q:
2024, AIS - Biochemistry & molecular biology - ; **2024, AIS** - Biophysics - ; **2024, AIS** - Cell biology - ; **2024, JCI** - Biochemistry & molecular biology - ; **2024, JCI** - Biophysics - ; **2024, JCI** - Cell biology - ; **2024, JIF** - Biochemistry & molecular biology - ; **2024, JIF** - Biophysics - ; **2024, JIF** - Cell biology - ; **2024, Scimago** - Biochemistry - ; **2024, Scimago** - Biophysics - ; **2024, Scimago** - Cell biology - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_296 / Müllerová, Monika (Author) (45%) - Smetanová, Iveta (Author) (25%) - Brandýsová, Alžbeta (Author) (10%) - Benková, Viktória (Author) [Internal PhD student] [UKOMFKJFB] (10%) - Csicsay, Kristian (Author) (10%): **Verification of seasonal correction factor for indoor radon concentration in Slovakia**. – text. – [reviewed]. – DOI 10.1007/s10967-024-09722-0. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Journal of Radioanalytical and Nuclear Chemistry* [printed document] [electronic document] : an International Journal Dealing with All Aspects and Applications of Nuclear Chemistry. – Dordrecht (Germany) : Kluwer Academic Publishers, Dordrecht (Netherlands) : Springer Nature. – ISSN 0236-5731. – ISSN (online) 1588-2780. – Roč. 334, č. 1 (2025), s. 153-158 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 21
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.6 - 2024
SNIP: 0,773 - 2024
SJR: 0,388 - 2024

CiteScore: 2,9 - 2024
AIS: 0.242 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, AIS** - Chemistry, inorganic & nuclear - ; **2024, AIS** - Nuclear science & technology - ; **2024, JCI** - Chemistry, analytical - ; **2024, JCI** - Chemistry, inorganic & nuclear - ; **2024, JCI** - Nuclear science & technology - ; **2024, JIF** - Chemistry, analytical - ; **2024, JIF** - Chemistry, inorganic & nuclear - ; **2024, JIF** - Nuclear science & technology - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Health, toxicology and mutagenesis - ; **2024, Scimago** - Nuclear energy and engineering - ; **2024, Scimago** - Pollution - ; **2024, Scimago** - Public health, environmental and occupational health - ; **2024, Scimago** - Radiology, nuclear medicine and imaging - ; **2024, Scimago** - Spectroscopy -

V3_297 / Mydla, Patrick (Author) [Internal PhD student] [UKOMFKJFB] (16.67%) - Čechová, Katarína (Author) [UKOMFKJFB] (16.666%) - Šutý, Šimon (Author) [UKOMFKJFB] (16.666%) - Balcerzak, Lucja (Author) (16.666%) - Terehova, Maria (Author) (16.666%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (16.666%): **Visualization of Aggregation Propensity of Amphiphilic Dendritic Nanoparticles in Cell Models and Blood**. – text. – [reviewed].
In: *European Biophysics Journal* [printed document] [electronic document] : with Biophysics Letters. – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 0175-7571. – ISSN (online) 1432-1017. – doi 10.1007/s00249-023-01668-7. – suppl. 15th EBSA congress Roč. 54, č. Suppl. 1 (2025), art. no. P-2.133, s. S194-S195 [printed form] [online]
European Biophysics Congress 2025, 15 [Rím, Italy, 30.06.2025-04.07.2025]
Number of all authors: 6
[abstract from event - AR]
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5141]
Journal Indicator:
IF: 2.4 - 2024
SNIP: 0,764 - 2024
SJR: 0,798 - 2024
CiteScore: 5,3 - 2024
AIS: 0.567 - 2024
Quartile Q:
2024, AIS - Biophysics - ; **2024, JCI** - Biophysics - ; **2024, JIF** - Biophysics - ; **2024, Scimago** - Biophysics - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_298 / Nagy, Roman (Author) [UKOMFKAFZM] (40%) - Janák, Filip (Author) [Internal PhD student] [UKOMFKAFZM] (30%) - Šturc, Michal (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Jurčík, Marek (Author) (5%) - Puha, Emil (Author) [Internal PhD student] [UKOMFKAFZM] (5%): **Comparing radial migration in dark matter and MOND regimes**. – text. – [reviewed]. – DOI 10.1051/0004-6361/202452112. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Astronomy & Astrophysics* [printed document] [electronic document] : European Journal. – Les Ulis (France) : Édition Diffusion Presse Sciences, Garching (Germany) : European Southern Observatory. – ISSN 0004-6361. – ISSN (online) 1432-0746. – č. 693 (2025), art. no. A216, s. 1-19 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 67
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,429 - 2024
SJR: 1,968 - 2024
CiteScore: 8,9 - 2024
AIS: 1.712 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_299 / Nitescu, Ovidiu-Vasile (Author) [Internal PhD student] [UKOMFKJFB] (50%) - Šimkovic, Fedor (Author) [UKOMFKJFB] (50%): **Radiative and exchange corrections for two-neutrino double-β decay** [Radiative and exchange corrections for two-neutrino double-beta decay]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/PhysRevC.111.035501. – CCC ; SCO ; WOS CC ; SCIE.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) :

American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 111, č. 3 (2025), art. no. 035501, s. 1-11 [printed form] [online] [CD-ROM]
Number of all authors: 2
[article]
Lit.: 106
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_300 / Kocifaj, Miroslav (Author of correspondence) [UKOMFKEF] (70%) - Novák, Tomáš (Author) (15%) - Medveď, Igor (Author) (15%): **Optical properties of semi-transparent sensor covers determined from their spectral intensity distribution function**. – text. – [reviewed]. – DOI 10.1016/j.jqsrt.2024.109292. – CCC ; WOS CC ; SCO ; SCIE.
In: *Journal of Quantitative Spectroscopy and Radiative Transfer* [printed document] [electronic document] . – Oxford (United Kingdom) : Elsevier. Pergamon Press. – ISSN 0022-4073. – ISSN (online) 1879-1352. – č. 332 (2025), art. no. 109292, s. 1-6 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 23
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.9 - 2024
SNIP: 1,194 - 2024
SJR: 0,676 - 2024
CiteScore: 5,5 - 2024
AIS: 0.491 - 2024
Quartile Q:
2024, AIS - Optics - ; **2024, AIS** - Spectroscopy - ; **2024, JCI** - Optics - ; **2024, JCI** - Spectroscopy - ; **2024, JIF** - Optics - ; **2024, JIF** - Spectroscopy - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Radiation - ; **2024, Scimago** - Spectroscopy -

V3_301 / Okruhlicová, Zuzana (Author) [Internal PhD student] [UKOMFKAFZM] (50%) - Lukačová, Zuzana (Author of correspondence) [UKOPRBFR] (30%) - Hensel, Karol (Author of correspondence) [UKOMFKAFZM] (20%): **Optimising plasma-activated water applications for enhanced growth and antioxidant capacity in maize hybrids** : a comparative study of kernel priming, cultivation, and foliar application. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1088/1361-6463/adc7c5. – SCO ; SCIE ; CCC ; WOS CC ; OA.
In: *Journal of Physics D* [printed document] [electronic document] : Applied Physics. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0022-3727. – ISSN (online) 1361-6463. – Roč. 58, č. 22 (2025), art. no. 225202, s. 1-17 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 61
[OV 091 Physics - OV 092 Earth and space sciences - OV 100 Environmental science and ecology - OV 130 Life sciences]
[ŠO 1160 - ŠO 1217 - ŠO 1610 - ŠO 1536]
Journal Indicator:
IF: 3.2 - 2024
SNIP: 0,974 - 2024
SJR: 0,65 - 2024
CiteScore: 6,4 - 2024
AIS: 0.604 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Acoustics and ultrasonics - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** -

Electronic, optical and magnetic materials - ; **2024, Scimago** - Surfaces, coatings and films -

V3_302 / Omotehinwa, Temidayo Oluwatosin (Author) (20%) - Ezekiel, Rock Adeiza (Author) (20%) - Onoja, Monday (Author) [Internal PhD student] [UKOMFKAI] (20%) - Omeye, Emmanuel Chizoba (Author) (20%) - Ibrahim, Yakubu Aliyu (Author) (20%): **Comparative Evaluation of Transformer-Based Models for Automated Short-Answer Grading**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.37933/nipes/7.4.2025.SI97. – SCO.
In: *NIPES - Journal of Science and Technology Research* [printed document] [electronic document] . – Benin (Nigeria) : National Institute of Professional Engineers & Scientists. – ISSN 2734-2352. – ISSN (online) 2682-5821. – suppl. Landmark University International Conference (SEB4SDG) June 11 to 13, 2025 Roč. 7, č. 1 (2025), s. 843-849
Science, Engineering and Business for Driving Sustainable Development Goals [Omu-Aran, Nigeria, 11.06.2025-13.06.2025]
Number of all authors: 5
[article from event]
Lit.: 39
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
SNIP: 0,123 - 2024
SJR: 0,125 - 2024
CiteScore: 0,4 - 2024
Quartile Q:
2024, Scimago - Electrical and electronic engineering - ; **2024, Scimago** - Industrial and manufacturing engineering - ; **2024, Scimago** - Mechanical engineering -

V3_303 / Fečkan, Michal (Author of correspondence) [UKOMFKMANM] (50%) - Pačuta, Július (Author) [UKOMFKMANM] (50%): **Existence and uniqueness of positive periodic solutions of a certain functional differential equation**. – text, graphs. – [reviewed]. – DOI 10.14232/ejqtde.2025.1.62. – SCO ; WOS CC ; CCC ; SCIE.
In: *Electronic Journal of Qualitative Theory of Differential Equations* [electronic document] . – Segedín (Hungary) : Szegedi Tudományegyetem. – ISSN (online) 1417-3875. – č. 62 (2025), s. 1-8 [online]
Number of all authors: 2
[article]
Lit.: 13
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.8 - 2024
SNIP: 0,608 - 2024
SJR: 0,434 - 2024
CiteScore: 1,2 - 2024
AIS: 0.349 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Applied mathematics -

V3_304 / Fečkan, Michal (Author of correspondence) [UKOMFKMANM] (33.334%) - Pačuta, Július (Author) [UKOMFKMANM] (33.333%) - Wang, JinRong (Author) (33.333%): **Exact solvability of certain linear ODEs**. – text. – [reviewed]. – DOI 10.1007/s00605-024-01992-w. – CCC ; SCO ; WOS CC ; OA ; SCIE.
In: *Monatshefte für Mathematik* [printed document] [electronic document] . – Viedeň (Austria) : Springer Nature. – ISSN 0026-9255. – ISSN (online) 1436-5081. – Roč. 206, č. 2 (2025), s. 305-316 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 9
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.8 - 2024
SNIP: 1,047 - 2024
SJR: 0,694 - 2024
CiteScore: 1,6 - 2024

AIS: 0.586 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_305 / Palleschi, Vincenzo (Author) (14.29%) - Legnaioli, Stefano (Author) (14.285%) - Poggialini, Francesco (Author) (14.285%) - Bredice, Fausto Osvaldo (Author) (14.285%) - Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (14.285%) - Lellouche, Noura (Author) (14.285%) - Aberkane, Sabrina Messaoud (Author) (14.285%): **Laser-induced breakdown spectroscopy**. – text. – [reviewed]. – DOI 10.1038/s43586-025-00388-w. – CCC ; WOS CC ; SCO ; SCIE.
In: *Nature Reviews Methods Primers* [electronic document] . – Berlín (Germany) : Springer Nature. – ISSN (online) 2662-8449. – Roč. 5, č. 1 (2025), art. no. 17, s. 1-16 [online]
Number of all authors: 7
[article]
Lit.: 199
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 56.0 - 2024
SNIP: 15,928 - 2024
SJR: 15,026 - 2024
CiteScore: 85 - 2024
AIS: 20.976 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Biochemistry, genetics and molecular biology (miscellaneous) - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_306 / Papp, Peter (Author) [UKOMFKEF] (35%) - Mazánková, Věra (Author) (5%) - Moravský, Ladislav (Author) [UKOMFKEF] (30%) - Blaško, Ján (Author) (10%) - Sťahel, Pavel (Author) (3%) - Prokeš, Lubomír (Author) (3%) - Horňák, Radek (Author) (3%) - Lehocký, Marián (Author) (3%) - Pištěková, Hana (Author) (3%) - Trunec, David (Author of correspondence) (5%): **Comparison of Plasma Polymerized Thin Films Deposited from 2-Methyl-2-oxazoline and 2-Ethyl-2-oxazoline: II Analysis of Deposition Process**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.3390/ijms26178641. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *International journal of molecular sciences* [printed document] [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN 1661-6596. – ISSN (online) 1422-0067. – Roč. 26, č. 17 (2025), art. no. 8641, s. 1-18 [online] [printed form]
Number of all authors: 10
[article]
Lit.: 60
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.9 - 2024
SNIP: 1,177 - 2024
SJR: 1,273 - 2024
CiteScore: 9 - 2024
Nordic List: 1 - 2024
AIS: 1.122 - 2024
Quartile Q:
2024, AIS - Biochemistry & molecular biology - ; **2024, AIS** - Chemistry, multidisciplinary - ; **2024, JCI** - Biochemistry & molecular biology - ; **2024, JCI** - Chemistry, multidisciplinary - ; **2024, JIF** - Biochemistry & molecular biology - ; **2024, JIF** - Chemistry, multidisciplinary - ; **2024, Scimago** - Catalysis - ; **2024, Scimago** - Computer science applications - ; **2024, Scimago** - Inorganic chemistry - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Molecular biology - ; **2024, Scimago** - Organic chemistry - ; **2024, Scimago** - Physical and theoretical chemistry - ; **2024, Scimago** - Spectroscopy -

V3_307 / Parra, Aaron (Author) (10%) - Li, Meiyi (Author) (10%) - Feia, Oleh (Author) (10%) - Menesenko, Danylo (Author) (10%) - Al Sardar, Mariam (Author) (10%) - Zhytlukhina, Olena S. (Author) [UKOMFCENAM] (10%) - Shapovalov, Andrii P. (Author) (10%) - Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (10%) - Quevedo-Lopez, Manuel (Author) (10%) - Aliev, Ali (Author) (10%): **Transparent Superconductor on the Base of In2-gamaSngamaO3-delta: Unraveling the Electrochemical Doping Mechanism** [Transparent Superconductor on the Base of In2-ySnyO3-δ: Unraveling the Electrochemical Doping Mechanism]. – text. –

[reviewed]. – DOI 10.1109/TASC.2025.3530326. – CCC ; WOS CC ; SCO ; SCIE.
In: *IEEE Transactions on Applied Superconductivity* [printed document] [electronic document] : a Publication of the IEEE Council on Superconductivity. – Piscataway (United States) : Institute of Electrical and Electronics Engineers. – ISSN 1051-8223. – ISSN (online) 1558-2515. – Roč. 35, č. 5 (2025), art. no. 7000105, s. 1-5 [printed form] [online]
Number of all authors: 10
[article]
Lit.: 19
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.8 - 2024
SNIP: 1,171 - 2024
SJR: 0,508 - 2024
CiteScore: 3,4 - 2024
AIS: 0.305 - 2024
Quartile Q:
2024, AIS - Engineering, electrical & electronic - ; **2024, AIS** - Physics, applied - ; **2024, JCI** - Engineering, electrical & electronic - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Engineering, electrical & electronic - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials -

V3_308 / Patil, Shubham S. (Author) (40%) - Kagne, Pragati R. (Author) (10%) - Narwade, Vijaykiran N. (Author) (10%) - Tsai, Meng-Lin (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (15%) - Shirsat, Mahendra D. (Author of correspondence) (20%): **Dual-Functional One-Pot Synthesized Au–Y-TMA MOF Hybrid** : an Electrode Modifier for High-Performance Symmetric Supercapacitor and Kanamycin Aptasensor for Spiked Milk Samples. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1021/acs.analchem.5c03220. – SCO ; WOS CC ; SCIE ; CCC.
In: *Analytical Chemistry* [printed document] [electronic document] . – Washington (United States) : American Chemical Society. ACS Publications. – ISSN 0003-2700. – ISSN (online) 1520-6882. – Roč. 97, č. 36 (2025), s. 19654-19669 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 60
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.7 - 2024
SNIP: 1,256 - 2024
SJR: 1,533 - 2024
CiteScore: 11,6 - 2024
AIS: 1.132 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, JCI** - Chemistry, analytical - ; **2024, JIF** - Chemistry, analytical - ; **2024, Scimago** - Analytical chemistry -

V3_309 / Patil, Shubham S. (Author) (40%) - Shaikh, Farhat U. (Author) (10%) - Narwade, Vijaykiran N. (Author) (10%) - Zine, Priyanka C. (Author) (5%) - Kagne, Pragati R. (Author) (5%) - Sonkawade, Rajendra S. (Author) (5%) - Tsai, Meng-Lin (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (10%) - Shirsat, Mahendra D. (Author) (10%): **Flexo-electrochemical Hg(II) sensor based on Ag/Nd-TMA MOF modified carbon cloth electrode: Surface adsorptive reaction mechanism utilizing X-ray photoelectron spectroscopy**. – text. – [reviewed]. – DOI 10.1016/j.synthmet.2025.117833. – CCC ; WOS CC ; SCO ; SCIE.
In: *Synthetic Metals* [printed document] [electronic document] : an international journal integrating research and applications on intercalation compounds of graphite, transition metal compounds and quasi onedimensional conductors : the Journal of Electronic Polymers and Electronic Molecular Metals. – Amsterdam (Netherlands) : Elsevier. – ISSN 0379-6779. – ISSN (online) 1879-3290. – č. 311 (2025), art. no. 117833, s. 1-10 [printed form] [online]
Number of all authors: 9
[article]
Lit.: 52
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:

IF: 4.6 - 2024
SNIP: 0,771 - 2024
SJR: 0,787 - 2024
CiteScore: 8,3 - 2024
AIS: 0.524 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, AIS** - Physics, condensed matter - ; **2024, AIS** - Polymer science - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Physics, condensed matter - ; **2024, JCI** - Polymer science - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Physics, condensed matter - ; **2024, JIF** - Polymer science - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Mechanical engineering - ; **2024, Scimago** - Mechanics of materials - ; **2024, Scimago** - Metals and alloys -

V3_310 / Patil, Shubham S. (Author) (40%) - Narwade, Vijaykiran N. (Author) (10%) - Shaikh, Farhat U. (Author) (10%) - Sonkawade, Rajendra S. (Author) (5%) - Tsai, Meng-Lin (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (10%) - Shirsat, Mahendra D. (Author) (20%): **Impact of guest metals interaction on the electrochemical behavior of La-TMA for selective and sensitive detection of heavy metal Ions: Surface adsorptive reaction mechanism**. – text. – [reviewed]. – DOI 10.1016/j.microc.2025.114267. – CCC ; WOS CC ; SCO ; SCIE.
In: *Microchemical Journal* [printed document] [electronic document] : devoted to the application of microtechniques in all branches of science. – Amsterdam (Netherlands) : Elsevier. – ISSN 0026-265X. – ISSN (online) 1095-9149. – č. 215 (2025), art. no. 114267, s. 1-10 [printed form] [online]
Number of all authors: 7
[article]
Lit.: 45
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.1 - 2024
SNIP: 1,006 - 2024
SJR: 0,75 - 2024
CiteScore: 7,2 - 2024
AIS: 0.583 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, JCI** - Chemistry, analytical - ; **2024, JIF** - Chemistry, analytical - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Spectroscopy -

V3_311 / Patrnčiak, Michal (Author) [Internal PhD student] [UKOMFCENAM] (25%) - Vidiš, Marek (Author) [UKOMFCENAM] (20%) - Staňo, Ľubomír (Author) [UKOMFCENAM] (5%) - Shpetnyi, Ihor O. (Author) [UKOMFCENAM] (5%) - Roch, Tomáš (Author) [UKOMFCENAM] (5%) - Grančič, Branislav (Author) [UKOMFCENAM] (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Ďurina, Pavol (Author) [UKOMFCENAM] (5%) - Mikula, Marián (Author) [UKOMFCENAM] (5%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (20%): **Highly sensitive hydrogen gas sensor based on a capacitor-like Pt/TiO2/Pt structure with large-scale nanoporous top electrode**. – text. – [reviewed]. – DOI 10.1016/j.ijhydene.2024.12.142. – CCC ; WOS CC ; SCO ; SCIE.
In: *International Journal of Hydrogen Energy* [printed document] [electronic document] : Official Journal of the International Association for Hydrogen Energy. – Amsterdam (Netherlands) : Elsevier, Oxford (United Kingdom) : Elsevier. Pergamon Press. – ISSN 0360-3199. – ISSN (online) 1879-3487. – Roč. 99 (2025), s. 137-145 [printed form] [online]
Number of all authors: 10
[article]
Lit.: 44
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 8.3 - 2024
SNIP: 1,777 - 2024
SJR: 1,685 - 2024
CiteScore: 13,3 - 2024
AIS: 1.020 - 2024
Quartile Q:
2024, AIS - Chemistry, physical - ; **2024, AIS** - Electrochemistry - ; **2024, AIS** - Energy & fuels - ; **2024, JCI** - Chemistry, physical - ; **2024, JCI** - Electrochemistry - ; **2024, JCI** - Energy & fuels - ; **2024, JIF** - Chemistry,

physical - ; **2024, JIF** - Electrochemistry - ; **2024, JIF** - Energy & fuels - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Energy engineering and power technology - ; **2024, Scimago** - Fuel technology - ; **2024, Scimago** - Renewable energy, sustainability and the environment -

V3_312 / Pekárová, Pavla (Author) (30%) - Halmová, Dana (Author) (20%) - Bačová Mitková, Veronika (Author) (10%) - Poórová, Jana (Author) (5%) - Blaškovičová, Lotta (Author) (5%) - Pekár, Ján (Author) (10%) - Leščešen, Igor (Author) (10%) - Bajtek, Zbyněk (Author) (10%): **Temporal variability of average and low flows in Slovak rivers** : A 90-year perspective [Temporal variability of average and low flows in Slovak rivers: A 90-year perspective]. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.ejrh.2025.102560. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Journal of Hydrology- Regional Studies* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2214-5818. – č. 60 (2025), art. no. 102560 [online]
Number of all authors: 8
[article]
Lit.: 94
[OV 092 Earth and space sciences - OV 240 Mathematics and statistics]
[ŠO 1217 - ŠO 1113 - ŠO 2508]
Journal Indicator:
IF: 5.0 - 2024
SNIP: 1,391 - 2024
SJR: 1,323 - 2024
CiteScore: 7,4 - 2024
AIS: 1.024 - 2024
Quartile Q:
2024, AIS - Water resources - ; **2024, JCI** - Water resources - ; **2024, JIF** - Water resources - ; **2024, Scimago** - Earth and planetary sciences (miscellaneous) - ; **2024, Scimago** - Water science and technology -

V3_313 / Pekárová, Pavla (Author) (50%) - Bačová Mitková, Veronika (Author) (25%) - Pekár, Ján (Author) (25%): **Comparison of the September 2024 Danube Flood with Historical Floods in the Bratislava - Nagymaros Section**. – text, photographs, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.29227/IM-2025-02-02-085. – OA ; SCO ; WOS CC.
In: *Inżynieria Mineralna* [printed document] [electronic document] : Journal of the Polish Mineral Engeneering Society. – Krakov (Poland) : Polish Mineral Engineering Society. – ISSN 1640-4920. – Roč. 2, č. 2 (2025), s. 1-7 [printed form]
World Multidisciplinary Congress on Civil Engineering, Architecture and Urban Planning, 10 [Ostrava, Czech Republic, 01.09.2025-05.09.2025]
Number of all authors: 3
[article from event]
Lit.: 12
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.4 - 2024
SNIP: 0,285 - 2024
SJR: 0,283 - 2024
CiteScore: 0,7 - 2024
AIS: 0.053 - 2024
Quartile Q:
2024, AIS - Mining & mineral processing - ; **2024, JCI** - Mining & mineral processing - ; **2024, JIF** - Mining & mineral processing - ; **2024, Scimago** - Geochemistry and petrology - ; **2024, Scimago** - Geotechnical engineering and engineering geology -

V3_314 / Petescia, Alessia (Author) [External PhD student] [UKOMFKAI] (45%) - Denti, Luca (Author) [UKOMFKAI] (8%) - Gafurov, Askar (Author) [UKOMFKI] (8%) - Hodorová, Viktória (Author) [UKOPRCBI] (8%) - Nosek, Jozef (Author) [UKOPRCBI] (8%) - Brejová, Bronislava (Author) [UKOMFKI] (8%) - Vinař, Tomáš (Author of correspondence) [UKOMFKAI] (15%): **Alignment-free detection of differences between sequencing datasets**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.isci.2025.113828. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *iScience* [electronic document] . – [Cambridge] (United States) : Elsevier. Cell Press. – ISSN (online) 2589-0042. – Roč. 28, č. 11 (2025), art. no. 113828, s. [1-11] [online]
Number of all authors: 7
[article]
Lit.: 45

[OV 160 Information sciences, automation and telecommunications - OV 120 Chemistry, chemical technology and biotechnology]
[ŠO 2508 - ŠO 1420]
Journal Indicator:
IF: 4.1 - 2024
SNIP: 1 - 2024
SJR: 1,363 - 2024
CiteScore: 6,9 - 2024
AIS: 1.397 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_315 / Petrík, Matej (Author) [Internal PhD student] [070400] (60%) - Maťaš, Emanuel (Author) [Internal PhD student] [UKOMFKEF] (10%) - Sabo, Martin (Author) [070400] (10%) - Ries, Michal (Author) [070400] (10%) - Matejčík, Štefan (Author) [UKOMFKEF] (10%): **Fast Detection and Classification of Ink by Ion Mobility Spectrometry and Artificial Intelligence**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1109/ACCESS.2025.3543776. – SCO ; CCC ; WOS CC ; OA ; SCIE.
In: *IEEE Access* [electronic document] : practical innovations, open solutions. – Piscataway (United States) : Institute of Electrical and Electronics Engineers. – ISSN (online) 2169-3536. – Roč. 13, č. 19. február (2025), s. 33379-33386 [online]
Number of all authors: 5
[article]
Lit.: 40
[OV 160 Information sciences, automation and telecommunications - OV 091 Physics]
[ŠO 2508 - ŠO 1160]
Journal Indicator:
IF: 3.6 - 2024
SNIP: 1,504 - 2024
SJR: 0,849 - 2024
CiteScore: 9 - 2024
Nordic List: 1 - 2024
AIS: 0.670 - 2024
Quartile Q:
2024, AIS - Computer science, information systems - ; **2024, AIS** - Engineering, electrical & electronic - ; **2024, AIS** - Telecommunications - ; **2024, JCI** - Computer science, information systems - ; **2024, JCI** - Engineering, electrical & electronic - ; **2024, JCI** - Telecommunications - ; **2024, JIF** - Computer science, information systems - ; **2024, JIF** - Engineering, electrical & electronic - ; **2024, JIF** - Telecommunications - ; **2024, Scimago** - Computer science (miscellaneous) - ; **2024, Scimago** - Engineering (miscellaneous) - ; **2024, Scimago** - Materials science (miscellaneous) -

V3_316 / Petrisková, Patrícia (Author) [Internal PhD student - external training center] [UKOPRCAG] (35%) - Cheng, Peng (Author) (10%) - Roch, Tomáš (Author) [UKOMFCENAM] (10%) - Métivier, Hélène (Author) (5%) - Mailhot, Gilles (Author) (5%) - Brigante, Marcello (Author) (5%) - Monfort, Olivier (Author) [UKOPRCAG] (30%): **Recycled magnetite as a sustainable photocatalyst for hydrogen peroxide and peroxydisulfate activation: insights into the efficiency and mechanism of picloram removal in water** [Recycled magnetite as a sustainable photo-catalyst for hydrogen peroxide and peroxydisulfate activation]. – text, illustrations, graphs. – [reviewed]. – DOI 10.1039/d5cy00954e. – WOS CC ; SCO ; SCIE.
In: *Catalysis Science and Technology* [printed document] [electronic document] . – Cambridge (United Kingdom) : The Royal Society of Chemistry. – ISSN 2044-4753. – ISSN (online) 2044-4761. – Roč. 15 (2025), s. 7516-7524 [printed form] [online]
Number of all authors: 7
[article]
Lit.: 39
[OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1420 - ŠO 1160]
Journal Indicator:
IF: 4.3 - 2024
SNIP: 0,812 - 2024
SJR: 1,026 - 2024
CiteScore: 8 - 2024
AIS: 0.805 - 2024
Quartile Q:

2024, AIS - Chemistry, physical - ; **2024, JCI** - Chemistry, physical - ; **2024, JIF** - Chemistry, physical - ; **2024, Scimago** - Catalysis -

V3_317 / Kyzek, Stanislav (Author of correspondence) [UKOPRBGE] (35%) - Pišteková, Sára (Author) [Internal PhD student] [UKOPRBGE] (25%) - Kyzeková, Ivana (Author) [UKOPRBGE] (10%) - Ševčovičová, Andrea (Author) [UKOPRBGE] (10%) - Kováčik, Dušan (Author) (5%) - Zahoranová, Anna (Author) [UKOMFKEF] (5%) - Gálová, Eliška (Author) [UKOPRBGE] (10%): **Identification of Plasma-Generated Reactive Species in Water and Their DNA-Damaging Effects on Plasmid and Lymphocyte DNA**. – text, photographs, graphs. – [reviewed]. – DOI 10.3390/ijms26199385. – SCO ; CCC ; WOS CC ; SCIE ; OA.
In: *International journal of molecular sciences* [printed document] [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN 1661-6596. – ISSN (online) 1422-0067. – Roč. 26, č. 19 (2025), art. no. 9385, s. [1-20] [online] [printed form]
Number of all authors: 7
[article]
Lit.: 66
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]
Journal Indicator:
IF: 4.9 - 2024
SNIP: 1,177 - 2024
SJR: 1,273 - 2024
CiteScore: 9 - 2024
Nordic List: 1 - 2024
AIS: 1.122 - 2024
Quartile Q:
2024, AIS - Biochemistry & molecular biology - ; **2024, AIS** - Chemistry, multidisciplinary - ; **2024, JCI** - Biochemistry & molecular biology - ; **2024, JCI** - Chemistry, multidisciplinary - ; **2024, JIF** - Biochemistry & molecular biology - ; **2024, JIF** - Chemistry, multidisciplinary - ; **2024, Scimago** - Catalysis - ; **2024, Scimago** - Computer science applications - ; **2024, Scimago** - Inorganic chemistry - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Molecular biology - ; **2024, Scimago** - Organic chemistry - ; **2024, Scimago** - Physical and theoretical chemistry - ; **2024, Scimago** - Spectroscopy -

V3_318 / Pogodin, Artem I. (Author) (12.5%) - Pop, M. M. (Author of correspondence) (12.5%) - Shender, I. O. (Author) (12.5%) - Filep, Mykhajlo J. (Author) (12.5%) - Malakhovska, Tetyana O. (Author) (12.5%) - Kokhan, Oleksandr P. (Author) (12.5%) - Skubenych, K. V. (Author) (12.5%) - Izai, Vitalii (Author) [UKOMFCENAM] (12.5%): **Ellipsometric study of Ag6+x(P1–xSix)S5I single crystals**. – text, graphs, tables. – [reviewed]. – DOI 10.15407/SPQEO28.02.215. – SCO ; WOS CC ; ESCI ; OA.
In: *Semiconductor Physics, Quantum Electronics & Optoelectronics* [printed document] [electronic document] . – Kyjev (Ukraine) : Nacionaľna akademija nauk Ukrajiny. – ISSN 1560-8034. – ISSN (online) 1605-6582. – Roč. 28, č. 2 (2025), s. 215-220 [printed form] [online]
Number of all authors: 8
[article]
Lit.: 29
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.0 - 2024
SNIP: 0,379 - 2024
SJR: 0,249 - 2024
CiteScore: 2,3 - 2024
AIS: 0.082 - 2024
Quartile Q:
2024, AIS - Quantum science & technology - ; **2024, JCI** - Quantum science & technology - ; **2024, JIF** - Quantum science & technology - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials -

V3_319 / Povinec, Pavel P. (Author) [UKOMFKJFB] (40%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (36%) - Cherkinsky, Alexander (Author) (3%) - Hajdas, Irka (Author) (3%) - Gu, Yao (Author) (3%) - Jull, Anthony J. Timothy (Author) (3%) - Lupták, Tomáš (Author) (3%) - Molnár, Mihály (Author) (3%) - Steier, Peter (Author) (3%) - Světlík, Ivo (Author) (3%): **Radiocarbon dating of the Church of St. Margaret of Antioch in Kopčany (Slovakia)** : International consortium results. – text, photographs, maps, graphs, tables. – [reviewed]. – DOI 10.1017/RDC.2024.115. – SCO ; CCC ; WOS CC ; SCIE.
In: *Radiocarbon* [printed document] [electronic document] : An International Journal of Cosmogenic Isotope

Research. – Cambridge (United Kingdom) : Cambridge University Press, Tuscon (United States) : University of Arizona. – ISSN 0033-8222. – ISSN (online) 1945-5755. – Roč. 67, č. 1 (2025), s. 135-154 [printed form] [online]
Number of all authors: 10
[article]
Lit.: 57
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.3 - 2024
SNIP: 1,395 - 2024
SJR: 0,913 - 2024
CiteScore: 3,6 - 2024
AIS: 1.746 - 2024
Quartile Q:
2024, AIS - Geochemistry & geophysics - ; **2024, JCI** - Geochemistry & geophysics - ; **2024, JIF** - Geochemistry & geophysics - ; **2024, Scimago** - Archeology (arts and humanities) - ; **2024, Scimago** - Earth and planetary sciences (miscellaneous) -

V3_320 / Fatka, Petr (Author of correspondence) (5.266%) - Pravec, Petr (Author) (5.263%) - Scheirich, Peter (Author) (5.263%) - Kušnirák, Peter (Author) (5.263%) - Hornoch, Kamil (Author) (5.263%) - Kučáková, Hana (Author) (5.263%) - Ergashev, K. E. (Author) (5.263%) - Souza de Joode, M. (Author) (5.263%) - Burkhonov, O. A. (Author) (5.263%) - Ehgamberdiev, Sh. A. (Author) (5.263%) - Galád, Adrián (Author) [UKOMFKAFZM] (5.263%) - Világi, Jozef (Author) (5.263%) - Reddy, V. (Author) (5.263%) - Dyvig, R. (Author) (5.263%) - Ries, J. G. (Author) (5.263%) - Snodgrass, C. (Author) (5.263%) - Donaldson, A. (Author) (5.263%) - Peixinho, N. (Author) (5.263%) - Khalouei, E. (Author) (5.263%): **Spins and shapes of 11 near-Earth asteroids observed within the NEOROCKS project**. – text, tables, pictures (illustration). – [reviewed]. – DOI 10.1051/0004-6361/202450027. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Astronomy & Astrophysics* [printed document] [electronic document] : European Journal. – Les Ulis (France) : Édition Diffusion Presse Sciences, Garching (Germany) : European Southern Observatory. – ISSN 0004-6361. – ISSN (online) 1432-0746. – č. 695 (2025), art. no. A139, s. 1-13 [printed form] [online]
Number of all authors: 19
[article]
Lit.: 70
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,429 - 2024
SJR: 1,968 - 2024
CiteScore: 8,9 - 2024
AIS: 1.712 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_321 / Priyanka, Priyanka C. (Author) (30%) - Narwade, Vijaykiran N. (Author) (15%) - Patil, Shubham S. (Author) (5%) - Qureshi, Masira T. (Author) (5%) - Tsai, Meng-Lin (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (30%) - Shirsat, Mahendra D. (Author) (10%): **Sensitive Electrochemical Sensor Based on Amino-Functionalized Graphene Oxide/Polypyrrole Composite for Detection of Pb2+ Ions**. – text. – [reviewed]. – DOI 10.3390/chemosensors13020034. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Chemosensors* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2227-9040. – Roč. 13, č. 2 (2025), art. no. 34, s. 1-17 [online]
Number of all authors: 7
[article]
Lit.: 64
[OV 130 Life sciences - OV 120 Chemistry, chemical technology and biotechnology]
[ŠO 1160]
Journal Indicator:
IF: 3.7 - 2024
SNIP: 0,819 - 2024
SJR: 0,618 - 2024
CiteScore: 7,3 - 2024
AIS: 0.553 - 2024

Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, AIS** - Electrochemistry - ; **2024, AIS** - Instruments & instrumentation - ; **2024, JCI** - Chemistry, analytical - ; **2024, JCI** - Electrochemistry - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Chemistry, analytical - ; **2024, JIF** - Electrochemistry - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Physical and theoretical chemistry -

V3_322 / Prokop, Pavol (Author) [UKOPREEM] (12.5%) - Balcerčík, Jozef (Author) [Internal PhD student] [UKOPREEM] (12.5%) - Bonin, Patrick (Author) (12.5%) - Thiebaut, Gaetan (Author) (12.5%) - Provazník, Zuzana (Author) [UKOPREEM] (12.5%) - Zvarík, Milan (Author) [UKOMFKJFB] (12.5%) - Zvaríková, Martina (Author) [UKOPREEM] (12.5%) - Fedor, Peter (Author) [UKOPREEM] (12.5%): **The effect of fear and compassion on human willingness to protect predators and prey**. – text, graphs, tables. – [reviewed]. – DOI 10.1038/s41598-025-06861-6. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Scientific reports* [electronic document] . – Londýn (United Kingdom) : Springer Nature. Nature Publishing Group. – ISSN (online) 2045-2322. – Roč. 15, č. 01. July 2025 (2025), art. no. 23278, s. [1-12] [online]
Number of all authors: 8
[article]
Lit.: 68
[OV 100 Environmental science and ecology - OV 091 Physics]
[ŠO 1610 - ŠO 1160]
Journal Indicator:
IF: 3.9 - 2024
SNIP: 1,213 - 2024
SJR: 0,874 - 2024
CiteScore: 6,7 - 2024
Nordic List: 1 - 2024
AIS: 1.031 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_323 / Pšenková, Petra (Author) (30%) - Velísková, Martina (Author) (10%) - Džubinská, Daniela (Author) (10%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Tedla, Miroslav (Author) [UKOLF1OK] (10%) - Peškovičová, Patrícia (Author of correspondence) [Internal PhD student] [UKOLF2GK] (10%) - Záhumenský, Jozef (Author) [UKOLF2GK] (20%): **Mode of birth in nulliparous term singleton pregnancies in vertex presentation before and after implementation of an evidence-based intervention: quality-improvement study** = Spôsob pôrodu pri prvorodičkách s jednoplodovou graviditou v termíne a v polohe záhlavím pred a po zavedení intervencie založenej na dôkazoch: štúdia zameraná na zlepšenie kvality. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1080/14767058.2024.2443968. – SCO ; WOS CC ; SCIE ; OA ; MEDLINE® ; CCC.
In: *The Journal of Maternal-Fetal & Neonatal Medicine* [printed document] [electronic document] : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians. – Abingdon (United Kingdom) : Taylor & Francis Group. – ISSN 1476-7058. – ISSN (online) 1476-4954. – Roč. 38, č. 1 (2025), art. no. 2443968, s. [1-8] [printed form] [online]
Number of all authors: 7
[article]
Lit.: 32
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
IF: 1.6 - 2024
SNIP: 0,864 - 2024
SJR: 0,671 - 2024
CiteScore: 4,8 - 2024
AIS: 0.535 - 2024
Quartile Q:
2024, AIS - Obstetrics & gynecology - ; **2024, JCI** - Obstetrics & gynecology - ; **2024, JIF** - Obstetrics & gynecology - ; **2024, Scimago** - Obstetrics and gynecology - ; **2024, Scimago** - Pediatrics, perinatology and child health -

V3_324 / Qiu, Kee (Author) (33.334%) - Fečkan, Michal (Author) [UKOMFKMANM] (33.333%) - Wang, JinRong (Author of correspondence) (33.333%): **Existence and approximate controllability of Hilfer fractional impulsive evolution equations**. – text. – [reviewed]. – DOI 10.1007/s13540-025-00372-x. – SCO ; SCIE ; WOS CC ; CCC.

In: *Fractional Calculus and Applied Analysis* [printed document] [electronic document] . – Cham (Switzerland) : Springer Nature. – ISSN 1311-0454. – ISSN (online) 1314-2224. – Roč. 28, č. 1 (2025), s. 146-180 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 45
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.9 - 2024
SNIP: 1,442 - 2024
SJR: 1,054 - 2024
CiteScore: 4,2 - 2024
AIS: 0.848 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, AIS** - Mathematics, interdisciplinary applications - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JCI** - Mathematics, interdisciplinary applications - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, JIF** - Mathematics, interdisciplinary applications - ; **2024, Scimago** - Analysis - ; **2024, Scimago** - Applied mathematics -

V3_325 / Quittner, Pavol (Author) [UKOMFKAMS] (50%) - Souplet, Philippe (Author) (50%): **Liouville theorems and universal estimates for superlinear parabolic problems without scale invariance**. – text. – [reviewed]. – DOI 10.1016/j.jde.2025.01.090. – CCC ; WOS CC ; SCO ; SCIE.
In: *Journal of Differential Equations* [printed document] [electronic document] . – San Diego (United States) : Elsevier. Academic Press. – ISSN 0022-0396. – ISSN (online) 1090-2732. – č. 427 (2025), s. 404-441 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 35
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.3 - 2024
SNIP: 1,82 - 2024
SJR: 2,034 - 2024
CiteScore: 4,3 - 2024
AIS: 1.423 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Analysis - ; **2024, Scimago** - Applied mathematics -

V3_326 / Quittner, Pavol (Author) [UKOMFKAMS] (50%) - Souplet, Philippe (Author) (50%): **Liouville theorems and universal estimates for superlinear elliptic problems without scale invariance**. – text. – [reviewed]. – DOI 10.1007/s13163-024-00514-4. – WOS CC ; SCO ; SCIE.
In: *Revista matemática complutense* [printed document] [electronic document] . – Madrid (Spain) : Universidad Complutense de Madrid. Servicio de Publicaciones Universidad Complutense, Milano (Italy) : Springer Nature. Springer. – ISSN 1139-1138. – ISSN (online) 1988-2807. – Roč. 38, č. 1 (2025), s. 1-69 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 76
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.7 - 2024
SNIP: 1,513 - 2024
SJR: 0,988 - 2024
CiteScore: 2,8 - 2024
AIS: 0.914 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_327 / Quittner, Pavol (Author) [UKOMFKAMS] (100%): **A priori estimates of solutions to local and nonlocal superlinear parabolic problems**. – text. – [reviewed]. – DOI 10.1007/s00028-025-01095-5. – CCC ; SCO ; WOS CC ; SCIE.
In: *Journal of Evolution Equations* [printed document] . – Basel (Switzerland) : Springer Nature. Springer Verlag. – ISSN 1424-3199. – ISSN (online) 1424-3202. – Roč. 25, č. 3 (2025), art. no. 67, s. 1-33 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 89
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.2 - 2024
SNIP: 1,22 - 2024
SJR: 1,413 - 2024
CiteScore: 2,5 - 2024
AIS: 1.014 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_328 / Quittner, Pavol (Author) [UKOMFKAMS] (50%) - Souplet, Philippe (Author) (50%): **Threshold, subthreshold, and global unbounded solutions of superlinear heat equations**. – text. – [reviewed]. – DOI 10.1112/plms.70110. – WOS CC ; SCO ; CCC ; SCIE.
In: *Proceedings of the London Mathematical Society* [printed document] [electronic document] . – Hoboken (United States) : John Wiley & Sons. – ISSN 0024-6115. – ISSN (online) 1460-244X. – Roč. 131, č. 6 (2025), art. no. e70110, s. [1-27] [printed form] [online]
Number of all authors: 2
[article]
Lit.: 39
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.6 - 2024
SNIP: 1,994 - 2024
SJR: 2,331 - 2024
CiteScore: 2,6 - 2024
AIS: 2.035 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_329 / Redjam, Ibtissem (Author) (33.334%) - Halim, Yacine (Author of correspondence) (33.333%) - Fečkan, Michal (Author) [UKOMFKMANM] (33.333%): **On a higher order fuzzy difference equation with a quadratic term**. – text, graphs. – [reviewed]. – DOI 10.1007/s12190-024-02243-9. – SCO ; SCIE ; WOS CC ; CCC.
In: *Journal of applied mathematics and computing* [printed document] [electronic document] : an international journal. – Heidelberg (Germany) : Springer Nature. Springer International Publishing AG. – ISSN 1598-5865. – ISSN (online) 1865-2085. – Roč. 71, č. 1 (2025), s. 429-452 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 37
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.7 - 2024
SNIP: 1,426 - 2024
SJR: 0,749 - 2024
CiteScore: 4,4 - 2024
AIS: 0.624 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** -

Applied mathematics - ; **2024, Scimago** - Computational mathematics -

V3_330 / Remešíková, Mariana (Author) [010220] (50%) - Sarkoci, Peter (Author) [010220] (35%) - Trnovská, Mária (Author) [UKOMFKAMS] (15%): **Lenght-Minimizing LED Trees** [LED stromy s minimálnou dĺžkou]. – text, graphs. – [reviewed]. – DOI 10/1007/s43069-025-00416-1. – SCO ; OA.
In: *Operations Research Forum* [electronic document] . – Heidelberg (Germany) : Springer Nature. Springer International Publishing AG. – ISSN (online) 2662-2556. – Roč. 6, č. 1 (2025), art. no. 20, s. 1-38 [online]
Number of all authors: 3
[article]
Lit.: 27
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
SNIP: 0,792 - 2024
SJR: 0,403 - 2024
CiteScore: 2,4 - 2024
Quartile Q:
2024, Scimago - Applied mathematics - ; **2024, Scimago** - Computer science applications - ; **2024, Scimago** - Control and optimization - ; **2024, Scimago** - Economics, econometrics and finance (miscellaneous) -

V3_331 / Ruotsalainen, J. (Author) (3.25%) - Jaries, Arthur (Author) (3.225%) - Stryjczyk, M. (Author) (3.225%) - Kankainen, A. (Author) (3.225%) - Andel, Boris (Author) [UKOMFKJFB] (3.225%): **Probing the quantum phase transition near N ≈ 60 via mass measurements of technetium isotopes** [Probing the quantum phase transition near N≈60 via mass measurements of technetium isotopes]. – text, graphs, tables. – [reviewed]. – DOI 10.1103/kksz-prtb. – CCC ; WOS CC ; SCIE ; SCO.
In: *Physical Review C* [printed document] [electronic document] : Nuclear Physics. – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN 2469-9985. – ISSN 0556-2813. – ISSN (online) 2469-9993. – Roč. 112, č. 6 (2025), art. no. 064302, s. 1-7 [printed form] [online] [CD-ROM]
Number of all authors: 31
[article]
Lit.: 54
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.4 - 2024
SNIP: 1,227 - 2024
SJR: 1,096 - 2024
CiteScore: 5,9 - 2024
AIS: 0.630 - 2024
Quartile Q:
2024, AIS - Physics, nuclear - ; **2024, JCI** - Physics, nuclear - ; **2024, JIF** - Physics, nuclear - ; **2024, Scimago** - Nuclear and high energy physics -

V3_332 / Rusin, Tomáš (Author) (100%): **On the cup-length of the oriented Grassmann manifolds G~n,4** [On the cup-length of the oriented Grassmann manifolds Gn,4]. – text. – [reviewed]. – DOI 10.1007/s10474-024-01502-2. – WOS CC ; SCO ; SCIE ; OA.
In: *Acta Mathematica Hungarica* [printed document] [electronic document] . – Dordrecht (Netherlands) : Springer Nature. Springer International Publishing AG. – ISSN 0236-5294. – ISSN (online) 1588-2632. – Roč. 175, č. 1 (2025), s. 127-141 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 10
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 0.6 - 2024
SNIP: 0,893 - 2024
SJR: 0,421 - 2024
CiteScore: 1 - 2024
AIS: 0.416 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Mathematics (miscellaneous) -

V3_333 / Pareek, Pankaj (Author of correspondence) [UKOMFKAFZM] (40%) - Selvaraj, Gokul (Author) [Internal PhD student] [UKOMFKAFZM] (10%) - Hensel, Karol (Author) [UKOMFKAFZM] (10%) - Janda, Mário (Author of correspondence) [UKOMFKAFZM] (40%): **Transient Spark Discharge and Ozone-Driven Nitrogen Fixation to Water**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1007/s11090-025-10604-w. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Plasma Chemistry and Plasma Processing* [printed document] [electronic document] . – New York (United States) : Springer Nature. – ISSN 0272-4324. – ISSN (online) 1572-8986. – Roč. 45, č. 6 (2025), s. 1741-1762 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 52
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.5 - 2024
SNIP: 0,854 - 2024
SJR: 0,462 - 2024
CiteScore: 5,1 - 2024
AIS: 0.453 - 2024
Quartile Q:
2024, AIS - Engineering, chemical - ; **2024, AIS** - Physics, applied - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, JCI** - Engineering, chemical - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JIF** - Engineering, chemical - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, Scimago** - Chemical engineering (miscellaneous) - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Surfaces, coatings and films -

V3_334 / Shadrokh, Zohreh (Author) (9.1%) - Sousani, Shima (Author) [Internal PhD student - external training center] [UKOMFKEF] (9.09%) - Dehghani, Zahra (Author) (9.09%) - Kabir, Nasim (Author) (9.09%) - Mozaffarbeigi, Amirmohammad (Author) (9.09%) - Mrkývková, Naďa (Author) (9.09%) - Abbasi, Alireza (Author) (9.09%) - Abdi, Yaser (Author) (9.09%) - Šiffalovič, Peter (Author) (9.09%) - Majková, Eva (Author) (9.09%) - Jergel, Matej (Author) (9.09%): **Incorporation of UiO-66-NH2 and carbon nanotubes into the perovskite thin films: Linear and nonlinear optical properties**. – text. – [reviewed]. – DOI 10.1016/j.optmat.2025.116771. – CCC ; WOS CC ; SCO ; SCIE.
In: *Optical Materials* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0925-3467. – ISSN (online) 1873-1252. – č. 161 (2025), art. no. 116771, s. 1-11 [printed form] [online]
Number of all authors: 11
[article]
Lit.: 73
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.2 - 2024
SNIP: 0,953 - 2024
SJR: 0,699 - 2024
CiteScore: 6,8 - 2024
AIS: 0.505 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, AIS** - Optics - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Optics - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Optics - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Computer science (miscellaneous) - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Inorganic chemistry - ; **2024, Scimago** - Organic chemistry - ; **2024, Scimago** - Physical and theoretical chemistry - ; **2024, Scimago** - Spectroscopy -

V3_335 / Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (20%) - Peralta Ayala, Jairo Christopher (Author) [Internal PhD student] [UKOMFKEF] (20%) - Tatarevska, Hanna (Author) (15%) - Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (15%) - Contreras, Victor (Author) (15%) - Veis, Pavel (Author of correspondence) [UKOMFKEF] (15%): **Study of optically thin condition for quantification of trace quantity of boron in aqueous sample using LIBS assisted by acoustic levitation**. – text. – [reviewed]. – DOI 10.1016/j.sab.2025.107218. – CCC ; WOS CC ; SCO ; SCIE.
In: *Spectrochimica Acta* [printed document] [electronic document] : Part B: Atomic Spectroscopy. – Amsterdam (Netherlands) : Elsevier, Oxford (United Kingdom) : Elsevier. Pergamon Press. – ISSN 0584-8547. – ISSN (online)

1873-3565. – č. 230 (2025), art. no. 107218, s. 1-8 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 43
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.8 - 2024
SNIP: 1,174 - 2024
SJR: 0,691 - 2024
CiteScore: 6,5 - 2024
AIS: 0.544 - 2024
Quartile Q:
2024, AIS - Spectroscopy - ; **2024, JCI** - Spectroscopy - ; **2024, JIF** - Spectroscopy - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Spectroscopy -

V3_336 / Peralta Ayala, Jairo Christopher (Author of correspondence) [Internal PhD student] [UKOMFKEF] (19%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (19%) - Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (19%) - Veis, Matej (Author) [UKOMFKEF] (19%) - Contreras, Victor (Author) (5%) - Veis, Pavel (Author of correspondence) [UKOMFKEF] (19%): **Laser-induced breakdown spectroscopy assisted by acoustic levitation (LIBS-AL) for the calibration-free quantification of elements of interest in liquids** : Case study of mineral waters. – text, photographs, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.sab.2025.107286. – WOS CC ; SCIE ; CCC ; SCO.
In: *Spectrochimica Acta* [printed document] [electronic document] : Part B: Atomic Spectroscopy. – Amsterdam (Netherlands) : Elsevier, Oxford (United Kingdom) : Elsevier. Pergamon Press. – ISSN 0584-8547. – ISSN (online) 1873-3565. – č. 232 (2025), art. no. 107286, s. 1-9 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 65
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.8 - 2024
SNIP: 1,174 - 2024
SJR: 0,691 - 2024
CiteScore: 6,5 - 2024
AIS: 0.544 - 2024
Quartile Q:
2024, AIS - Spectroscopy - ; **2024, JCI** - Spectroscopy - ; **2024, JIF** - Spectroscopy - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Spectroscopy -

V3_337 / Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (30%) - Veis, Matej (Author) [UKOMFKEF] (30%) - Sokulski, Damian (Author) (10%) - Gasior, Pawel (Author) (15%) - Veis, Pavel (Author of correspondence) [UKOMFKEF] (15%): **Evaluation of DNN and RNN for the determination of the chemical composition of dimensionality-reduced LIBS spectra of fusion-based materials**. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.nme.2025.101994. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Nuclear Materials and Energy* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2352-1791. – č. 45 (2025), art. no. 101994, s. 1-9 [online]
Number of all authors: 5
[article]
Lit.: 38
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.7 - 2024
SNIP: 1,236 - 2024
SJR: 0,839 - 2024
CiteScore: 4,2 - 2024
AIS: 0.731 - 2024
Quartile Q:
2024, AIS - Nuclear science & technology - ; **2024, JCI** - Nuclear science & technology - ; **2024, JIF** - Nuclear

science & technology - ; **2024, Scimago** - Materials science (miscellaneous) - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Nuclear energy and engineering -

V3_338 / Schlosserová, Lucia (Author) (35%) - Rosová, Lívia (Author) [UKOMFKAMS] (30%) - Zbornik, Tadeas S. (Author) (5%) - Riegel, Karel D. (Author) (30%): **Self-Reported Personality Functioning in Patients With Substance Use Disorders: Similarities and Specifics With Respect to the Czech Community Sample**. – text, tables. – [reviewed]. – DOI 10.31083/AP46058. – WOS CC.
In: *Alpha Psychiatry* [electronic document] . – Singapur (Singapore) : IMR Press. – ISSN (online) 2757-8038. – Roč. 26, č. 4 (2025), art. no. 46058, s. [1-9] [online]
Number of all authors: 4
[article]
Lit.: 34
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 3.5 - 2024
AIS: 0.664 - 2024
Quartile Q:
2024, AIS - Psychiatry - ; **2024, JCI** - Psychiatry - ; **2024, JIF** - Psychiatry -

V3_339 / Červenák, Zdenko (Author of correspondence) [UKOLF5IK] (16%) - Somorčík, Ján (Author) [UKOMFKAMS] (14%) - Jalali, Yashar (Author) [UKOLF5IK] (14%) - Zajacová, Žaneta (Author) [Internal PhD student] [UKOFAFT] (14%) - Baldovič, Marián (Author) (14%) - Gažová, Andrea (Author) [UKOLFFAU] (14%) - Kyselovič, Ján (Author) [UKOLFFAU] (14%): **Sex-Specific Expression Patterns of MYH6 and MYH7 Gene Transcripts in Large Cohorts of Non-Failing and Failing Human Left Ventricular Tissues**. – text, graphs, tables. – [reviewed]. – DOI 10.3390/ jcdd12110447. – CCC ; WOS CC ; SCO ; OA ; SCIE.
In: *Journal of cardiovascular development and disease* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2308-3425. – Roč. 12, č. 11 (2025), art. no. 447, s. [1-18] [online]
Number of all authors: 7
[article]
Lit.: 25
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 160 Information sciences, automation and telecommunications]
[ŠO 5141 - ŠO 5214 - ŠO 1113]
Journal Indicator:
IF: 2.3 - 2024
SNIP: 0,8 - 2024
SJR: 0,716 - 2024
CiteScore: 3,7 - 2024
AIS: 0.691 - 2024
Quartile Q:
2024, AIS - Cardiac & cardiovascular systems - ; **2024, JCI** - Cardiac & cardiovascular systems - ; **2024, JIF** - Cardiac & cardiovascular systems - ; **2024, Scimago** - Pharmacology (medical) - ; **2024, Scimago** - Pharmacology, toxicology and pharmaceutics (miscellaneous) -

V3_340 / Sousani, Shima (Author) [Internal PhD student - external training center] [UKOMFKEF] (9.1%) - Hofbauerová, Monika (Author) (9.09%) - Kollár, Jozef (Author) (9.09%) - Nadafan, Marzieh (Author) (9.09%) - Dehghani, Zahra (Author) (9.09%) - Ščepka, Tomáš (Author) (9.09%) - Mrkývková, Naďa (Author) (9.09%) - Šiffalovič, Peter (Author) (9.09%) - Shadrokh, Zohreh (Author) (9.09%) - Majková, Eva (Author) (9.09%) - Jergel, Matej (Author) (9.09%): **Effect of CsPbBr3 quantum dots with different X-type ligands as additives on third-order nonlinear optical response in perovskite thin films**. – text. – [reviewed]. – DOI 10.1016/j.optlastec.2025.113009. – CCC ; WOS CC ; SCO ; SCIE.
In: *Optics & Laser Technology* [printed document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0030-3992. – Roč. 188 (2025), art. no. 113009, s. 1-13 [printed form]
Number of all authors: 11
[article]
Lit.: 62
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.0 - 2024
SNIP: 1,623 - 2024

SJR: 1 - 2024
CiteScore: 9,2 - 2024
AIS: 0.785 - 2024
Quartile Q:
2024, AIS - Optics - ; **2024, AIS** - Physics, applied - ; **2024, JCI** - Optics - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Optics - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials -

V3_341 / Spagnolo, Sandro (Author) [UKOMFKJFB] (50%) - Davoudian, Katharina (Author) (15%) - De La Franier, Brian (Author) (5%) - Kocsis, Robert (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (15%) - Thompson, Michael (Author) (10%): **Nanoparticle-Enhanced Acoustic Wave Biosensor Detection of Pseudomonas aeruginosa in Food**. – text. – [reviewed]. – DOI 10.3390/bios15030146. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Biosensors* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2079-6374. – Roč. 15, č. 3 (2025), art. no. 146, s. 1-17 [online]
Number of all authors: 6
[article]
Lit.: 34
[OV 130 Life sciences - OV 120 Chemistry, chemical technology and biotechnology]
[ŠO 1160]
Journal Indicator:
IF: 5.6 - 2024
SNIP: 1,089 - 2024
SJR: 0,885 - 2024
CiteScore: 9,8 - 2024
AIS: 0.861 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, AIS** - Instruments & instrumentation - ; **2024, AIS** - Nanoscience & nanotechnology - ; **2024, JCI** - Chemistry, analytical - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JCI** - Nanoscience & nanotechnology - ; **2024, JIF** - Chemistry, analytical - ; **2024, JIF** - Instruments & instrumentation - ; **2024, JIF** - Nanoscience & nanotechnology - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Biomedical engineering - ; **2024, Scimago** - Biotechnology - ; **2024, Scimago** - Clinical biochemistry - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_342 / Spagnolo, Sandro (Author) [UKOMFKJFB] (35%) - Sontakke, Kiran Sudhakar (Author) [Internal PhD student] [UKOMFKJFB] (15%) - Dubbert, Lukas (Author) (5%) - Urban, Matthias (Author) (5%) - Lednický, Tomáš (Author) (5%) - Csaki, Andrea (Author) (5%) - Wondraczek, Katrin (Author) (5%) - Fritzsche, Wolfgang (Author) (5%) - Hianik, Tibor (Author of correspondence) [UKOMFKJFB] (20%): **Application of the Combined QCM-D/LSPR Aptasensor for Penicillin G Detection**. – text. – [reviewed]. – DOI 10.3390/bios15100652. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Biosensors* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2079-6374. – Roč. 15, č. 10 (2025), art. no. 652, s. 1-14 [online]
Number of all authors: 9
[article]
Lit.: 61
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 5.6 - 2024
SNIP: 1,089 - 2024
SJR: 0,885 - 2024
CiteScore: 9,8 - 2024
AIS: 0.861 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, AIS** - Instruments & instrumentation - ; **2024, AIS** - Nanoscience & nanotechnology - ; **2024, JCI** - Chemistry, analytical - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JCI** - Nanoscience & nanotechnology - ; **2024, JIF** - Chemistry, analytical - ; **2024, JIF** - Instruments & instrumentation - ; **2024, JIF** - Nanoscience & nanotechnology - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Biomedical engineering - ; **2024, Scimago** - Biotechnology - ; **2024, Scimago** - Clinical biochemistry - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_343 / Mikula, Marián (Author of correspondence) [UKOMFCENAM] (30%) - Srogoň, Jozef (Author) (10%) -

Švec, Peter (Author) (10%) - Šroba, Viktor (Author) (10%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Roch, Tomáš (Author) [UKOMFCENAM] (5%) - Truchlý, Martin (Author) [UKOMFCENAM] (5%) - Vidiš, Marek (Author) [UKOMFCENAM] (5%) - Hájovská, Zuzana (Author) (5%) - Viskupová, Katarína (Author) (5%) - Grančič, Branislav (Author) [UKOMFCENAM] (5%) - Kúš, Peter (Author) [UKOMFCENAM] (5%): **Yttrium-induced structural evolution and oxidation resistance in TiB2+Δ coatings deposited by conventional magnetron sputtering and HiPIMS** [Yttrium-induced structural evolution and oxidation resistance in Titanium diboride + delta coatings deposited by conventional magnetron sputtering and HiPIMS Mari]. – text, photographs, graphs, pictures (illustration). – [reviewed]. – DOI 10.1016/j.surfcoat.2025.132674. – SCO ; OA ; CCC ; WOS CC ; SCIE.
In: *Surface and Coatings Technology* [printed document] [electronic document] : an international journal devoted to the science and application of advanced surface treatments for improvement of material properties. – Amsterdam (Netherlands) : Elsevier, Lausanne (Switzerland) : Elsevier. – ISSN 0257-8972. – ISSN (online) 1879-3347. – č. 515 (2025), art. no. 132674, s. 1-14 [printed form] [online]
Number of all authors: 12
[article]
Lit.: 57
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,593 - 2024
SJR: 1,211 - 2024
CiteScore: 10,2 - 2024
AIS: 0.796 - 2024
Quartile Q:
2024, AIS - Materials science, coatings & films - ; **2024, AIS** - Physics, applied - ; **2024, JCI** - Materials science, coatings & films - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Materials science, coatings & films - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Surfaces and interfaces - ; **2024, Scimago** - Surfaces, coatings and films -

V3_344 / Stachová, Barbora (Author) [Internal PhD student] [UKOMFKEF] (50%) - Garcia Angulo, Enmily Loelbis (Author) [Internal PhD student] [UKOMFKEF] (10%) - Matejčík, Štefan (Author) [UKOMFKEF] (15%) - Michalczuk, Bartosz (Author) (5%) - Országh, Juraj (Author) [UKOMFKEF] (20%): **Dissociative excitation of acetone induced by electron impact**. – text. – [reviewed]. – DOI 10.1088/1402-4896/ad9c2b. – CCC ; WOS CC ; SCO ; SCIE.
In: *Physica Scripta* [printed document] [electronic document] : an international journal for experimental and theoretical physics. – Bristol (United Kingdom) : Institute of Physics. IOP Publishing. – ISSN 0031-8949. – ISSN (online) 1402-4896. – Roč. 100, č. 1 (2025), art. no. 015409, s. 1-8 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 35
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.6 - 2024
SNIP: 0,737 - 2024
SJR: 0,388 - 2024
CiteScore: 3,1 - 2024
AIS: 0.353 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Mathematical physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_345 / ISOLDE Decay Station [Author corporation] ; Olaizola, Sofia (Author of correspondence) (1.261%) - Illana, A. (Author of correspondence) (1.219%) - Benito, J. (Author of correspondence) (1.219%) - Suarez-Bustamante, D. P. (Author) (1.219%) - Del Piccolo, G. (Author) (1.219%) - Andel, Boris (Author) [UKOMFKJFB] (1.219%): **The 76Cu conundrum remains unsolved**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physletb.2025.139551. – WOS CC ; SCIE ; CCC ; OA ; SCO.
In: *Physics Letters B* [printed document] [electronic document] : Particle Physics, Nuclear Physics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-2693. – ISSN (online) 1873-2445. – č. 866 (2025), art. no.

139551, s. 1-8 [printed form] [online]
Number of all authors: 82
[article]
Lit.: 44
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,257 - 2024
SJR: 1,383 - 2024
CiteScore: 8,3 - 2024
AIS: 1.108 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Physics, nuclear - ; **2024, AIS** - Physics, particles & fields - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Physics, nuclear - ; **2024, JCI** - Physics, particles & fields - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Physics, nuclear - ; **2024, JIF** - Physics, particles & fields - ; **2024, Scimago** - Nuclear and high energy physics -

V3_346 / Sultani, Mohammad Alem (Author) [Internal PhD student] [UKOMFKJFB] (30%) - Bulko, Martin (Author) [UKOMFKJFB] (25%) - Helej, Markus (Author) (20%) - Sýkora, Ivan (Author) [UKOMFKJFB] (10%) - Müllerová, Monika (Author) [Part-time] [UKOMFKJFB] (10%) - Masarik, Jozef (Author) [UKOMFKJFB] (5%): **Influence of atmospheric mixing conditions and particulate matter on outdoor radon and its Progeny: Implications for aerosol residence time**. – text. – [reviewed]. – DOI 10.1016/j.atmosenv.2025.121307. – CCC ; WOS CC ; SCO ; SCIE.
In: *Atmospheric environment* [printed document] [electronic document] . – Oxford (United Kingdom) : Elsevier. Pergamon Press. – ISSN 1352-2310. – ISSN (online) 1873-2844. – č. 356 (2025), art. no. 121307, s. 1-15 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 61
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.7 - 2024
SNIP: 1,15 - 2024
SJR: 1,206 - 2024
CiteScore: 8,8 - 2024
AIS: 0.970 - 2024
Quartile Q:
2024, AIS - Environmental sciences - ; **2024, AIS** - Meteorology & atmospheric sciences - ; **2024, JCI** - Environmental sciences - ; **2024, JCI** - Meteorology & atmospheric sciences - ; **2024, JIF** - Environmental sciences - ; **2024, JIF** - Meteorology & atmospheric sciences - ; **2024, Scimago** - Atmospheric science - ; **2024, Scimago** - Environmental science (miscellaneous) -

V3_347 / Šedivá, Tereza (Author) [Internal PhD student] [UKOMFKAFZM] (51%) - Štefánik, Dušan (Author) (49%): **Combined Brute Force method for source apportionment purposes**. – text. – [reviewed]. – DOI 10.1016/j.apr.2024.102394. – CCC ; WOS CC ; SCO ; SCIE.
In: *Atmospheric Pollution Research* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 1309-1042. – Roč. 16, č. 3 (2025), art. no. 102394, s. 1-12 [online]
Number of all authors: 2
[article]
Lit.: 24
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]
Journal Indicator:
IF: 3.5 - 2024
SNIP: 1,031 - 2024
SJR: 0,993 - 2024
CiteScore: 8,1 - 2024
AIS: 0.712 - 2024
Quartile Q:
2024, AIS - Environmental sciences - ; **2024, JCI** - Environmental sciences - ; **2024, JIF** - Environmental sciences - ; **2024, Scimago** - Atmospheric science - ; **2024, Scimago** - Pollution - ; **2024, Scimago** - Waste

management and disposal -

V3_348 / Šerá, Božena (Author) [UKOPREEM] (20%) - Ličková, Petra (Author) [UKOMFKEF] (20%) - Tunklová, Barbora (Author) (10%) - Ďurčányová, Sandra (Author) [Internal PhD student] [UKOMFKEF] (5%) - Šerý, Michal (Author) (10%) - Žarnovičan, Hubert (Author) [UKOPREEM] (5%) - Drozdíková, Anna (Author) [UKOPRDP] (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Zahoranová, Anna (Author) [UKOMFKEF] (8%) - Kováčik, Dušan (Author) [Part-time] [UKOMFKEF] (8%) - Hnilička, František (Author) (4%): **How Mucilaginous Seeds of Different Plant Species Respond to Nonthermal Atmospheric Plasma Treatment**. – text. – [reviewed]. – DOI 10.1007/s11090-024-10515-2. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Plasma Chemistry and Plasma Processing* [printed document] [electronic document] . – New York (United States) : Springer Nature. – ISSN 0272-4324. – ISSN (online) 1572-8986. – Roč. 45, č. 1 (2025), s. 325-350 [printed form] [online]
Number of all authors: 11
[article]
Lit.: 51
[OV 091 Physics - OV 100 Environmental science and ecology]
[ŠO 1160 - ŠO 1610]
Journal Indicator:
IF: 2.5 - 2024
SNIP: 0,854 - 2024
SJR: 0,462 - 2024
CiteScore: 5,1 - 2024
AIS: 0.453 - 2024
Quartile Q:
2024, AIS - Engineering, chemical - ; **2024, AIS** - Physics, applied - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, JCI** - Engineering, chemical - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JIF** - Engineering, chemical - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, Scimago** - Chemical engineering (miscellaneous) - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Surfaces, coatings and films -

V3_349 / Janečková, Katarína (Author of correspondence) [UKOLF1IK] (20%) - Šiarnik, Pavel (Author) [UKOLF1NK] (20%) - Kollár, Branislav (Author) [UKOLF1NK] (20%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (20%) - Čelovská, Denisa (Author) [UKOLF1IK] (20%): **Atherogenic Index of Plasma in Newly Diagnosed Subjects with Obstructive Sleep Apnea** : Results from a Single-Center Observational Study. – text, graphs, tables. – [reviewed]. – DOI 10.1007/s44411-025-00183-9. – SCO ; WOS CC ; SCIE ; OA.
In: *Bratislava medical journal* [printed document] [electronic document] . – Cham (Switzerland) : Springer Nature. – ISSN 0006-9248. – ISSN (online) 1336-0345. – Roč. 126, č. 7 (2025), s. 1547-1556 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 37
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
IF: 1,1 - 2024
SNIP: 0,577 - 2024
SJR: 0,458 - 2024
CiteScore: 2,8 - 2024
Nordic List: 1 - 2024
AIS: 0.279 - 2024
Quartile Q:
2024, AIS - Medicine, general & internal - ; **2024, JCI** - Medicine, general & internal - ; **2024, JIF** - Medicine, general & internal - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_350 / Zeng, Yilan (Author of correspondence) [Internal PhD student] [UKOPREEM] (30%) - Šihor, Marcel (Author) (5%) - Zmrhalová, Zuzana (Author) (5%) - Šlachtová, Adéla (Author) (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Roch, Tomáš (Author) [UKOMFCENAM] (10%) - Matějová, Lenka (Author) (5%) - Reli, Martin (Author) (5%) - Motola, Martin (Author of correspondence) [UKOPRCAG] (25%): **Decoding Tio2 Nanoparticle Formation via Nanotube Disintegration: Synthesis, Thermal Transformation, and Photocatalytic Synergy**. – text, graphs, tables. – [reviewed]. – DOI 10.1002/cnma.202500355. – SCIE ; SCO ; WOS CC ; CCC.
In: *ChemNanoMat* [printed document] [electronic document] . – Weinheim (Germany) : John Wiley & Sons. Wiley-VCH. – ISSN 2199-692X. – Roč. 11, č. 11 (2025), art. no. e202500355, s. [1-11] [printed form] [online]
Number of all authors: 9

[article]
Lit.: 92
[OV 100 Environmental science and ecology - OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1610 - ŠO 1420 - ŠO 1160]
Journal Indicator:
IF: 2.6 - 2024
SNIP: 0,452 - 2024
SJR: 0,645 - 2024
CiteScore: 5,1 - 2024
AIS: 0.460 - 2024
Quartile Q:
2024, AIS - Chemistry, multidisciplinary - ; **2024, AIS** - Materials science, multidisciplinary - ; **2024, AIS** - Nanoscience & nanotechnology - ; **2024, JCI** - Chemistry, multidisciplinary - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Nanoscience & nanotechnology - ; **2024, JIF** - Chemistry, multidisciplinary - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Nanoscience & nanotechnology - ; **2024, Scimago** - Biomaterials - ; **2024, Scimago** - Energy engineering and power technology - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Renewable energy, sustainability and the environment -

V3_351 / Zigo, Matej (Author of correspondence) (40%) - Šilha, Jiří (Author) [UKOMFKAFZM] (30%) - Sabolová, Katarína (Author) (20%) - Hrobár, Tomáš (Author) [Internal PhD student] [UKOMFKAFZM] (10%): **Investigation of the space weathering rate of the geostationary satellites' surface materials using BVRI photometry**. – text, photographs, graphs, tables. – [reviewed]. – DOI 10.1016/j.asr.2025.02.048. – WOS CC ; SCIE ; CCC ; SCO.
In: *Advances in Space Research* [printed document] [electronic document] . – Oxford (United Kingdom) : Elsevier. – ISSN 0273-1177. – ISSN (online) 1879-1948. – Roč. 75, č. 10 (2025), s. 7365-7376 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 19
[OV 092 Earth and space sciences]
[ŠO 1217 - ŠO 1160]
Journal Indicator:
IF: 2.8 - 2024
SNIP: 1,288 - 2024
SJR: 0,704 - 2024
CiteScore: 5,5 - 2024
AIS: 0.625 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, AIS** - Engineering, aerospace - ; **2024, AIS** - Geosciences, multidisciplinary - ; **2024, AIS** - Meteorology & atmospheric sciences - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JCI** - Engineering, aerospace - ; **2024, JCI** - Geosciences, multidisciplinary - ; **2024, JCI** - Meteorology & atmospheric sciences - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, JIF** - Engineering, aerospace - ; **2024, JIF** - Geosciences, multidisciplinary - ; **2024, JIF** - Meteorology & atmospheric sciences - ; **2024, Scimago** - Aerospace engineering - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Atmospheric science - ; **2024, Scimago** - Earth and planetary sciences (miscellaneous) - ; **2024, Scimago** - Geophysics - ; **2024, Scimago** - Space and planetary science -

V3_352 / Žilková, Danica (Author of correspondence) [Internal PhD student] [UKOMFKAFZM] (30%) - Šilha, Jiří (Author) [UKOMFKAFZM] (18%) - Vojtek, Pavel (Author) (9%) - Rodriguez-Villamizar, Julian (Author) (9%) - de Leon, Julia (Author) (9%) - Matlovič, Pavol (Author) [UKOMFKAFZM] (5%) - Sabolová, Katarína (Author) [Internal PhD student] [UKOMFKAFZM] (5%) - Schildknecht, Thomas (Author) (5%) - Tóth, Juraj (Author) (5%) - Lászlo, Róbert (Author) (5%): **Connecting laboratory and spectroscopic observations of aerospace materials to characterize the reflectivity of artificial space objects and debris in LEO regimes**. – text. – [reviewed]. – DOI 10.1016/j.actaastro.2025.07.003. – SCO.
In: *Acta Astronautica* [printed document] [electronic document] . – Oxford (United Kingdom) : Elsevier. Pergamon Press. – ISSN 0094-5765. – ISSN (online) 1879-2030. – č. 236 (2025), s. 479-486 [printed form] [online]
IAA Symposium on Space Debris 2024, 22 [Miláno, Italy, 14.10.2024-18.10.2024]
Number of all authors: 10
[article from event]
Lit.: 21
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]
Journal Indicator:

IF: 3.4 - 2024
SNIP: 1,806 - 2024
SJR: 1,277 - 2024
CiteScore: 7,3 - 2024
AIS: 0.680 - 2024
Quartile Q:
2024, AIS - Engineering, aerospace - ; **2024, JCI** - Engineering, aerospace - ; **2024, JIF** - Engineering, aerospace - ; **2024, Scimago** - Aerospace engineering -

V3_353 / Šindler, Martin (Author) (20%) - Buřič, Miloš (Author) (20%) - Plesch, Martin (Author) [UMBFP06] (20%) - Franta, Pavel (Author) (20%) - Drozd, Bořek (Author) (20%): **Effectiveness of mass marking of juvenile sterlet (Acipenser ruthenus) with alizarin red S stain on field detection**. – text, graphs, tables. – [reviewed]. – DOI 10.1111/fme.12737. – SCO ; WOS CC ; SCIE ; OA ; CCC.
In: *Fisheries Management and Ecology* [printed document] [electronic document] . – Hoboken (United States) : John Wiley & Sons. – ISSN 0969-997X. – ISSN (online) 1365-2400. – Roč. 32, č. 1 (2025), art. no. e12737, s. 1-11 [printed form] [online]
Number of all authors: 5
[article]
[OV 100 Environmental science and ecology - OV 091 Physics]
[ŠO 1610 - ŠO 1160]
Journal Indicator:
IF: 2.0 - 2024
SNIP: 0,899 - 2024
SJR: 0,643 - 2024
CiteScore: 3,9 - 2024
AIS: 0.532 - 2024
Quartile Q:
2024, AIS - Fisheries - ; **2024, JCI** - Fisheries - ; **2024, JIF** - Fisheries - ; **2024, Scimago** - Aquatic science - ; **2024, Scimago** - Ecology -

V3_354 / Šinger, Miroslav (Author) (65%) - Belluš, Martin (Author) (30%) - Méri, Ladislav (Author) (5%): **Povodne v septembri 2024** (1. Synoptická a mezoškálová analýza s využitím globálneho, regionálneho a subkilometrového ansámblového systému) = Floods in September 2024 - Part I: Synoptic and mesoscale analysis using global, regional, and sub-kilometric ensemble forecasting systems. – text, photographs, pictures (illustration). – [reviewed]. – DOI 10.62699/mj28.1x.38.
In: *Meteorologický časopis* [printed document] [electronic document] . – Bratislava (Slovakia) : Slovenský hydrometeorologický ústav. – ISSN 1335-339X. – ISSN (online) 2730-1028. – Roč. 28, č. 1 (2025), s. 3-17 [printed form]
Number of all authors: 3
[article]
Lit.: 28
[OV 092 Earth and space sciences]
[ŠO 1217]

V3_355 / Šmitala Mizerová, Hana (Author) [UKOMFKMANM] (100%): **Stability of Strong Solutions to the Full Compressible Magnetohydrodynamic System with Non-Conservative Boundary Conditions**. – text. – [reviewed]. – DOI 10.1007/s00021-025-00967-7. – WOS CC ; SCIE ; CCC ; SCO ; OA.
In: *Journal of Mathematical Fluid Mechanics* [printed document] [electronic document] . – Cham (Switzerland) : Springer Nature. – ISSN 1422-6928. – ISSN (online) 1422-6952. – Roč. 27, č. 4 (2025), art. no. 61, s. 1-24 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 30
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.3 - 2024
SNIP: 1,12 - 2024
SJR: 1,23 - 2024
CiteScore: 2,2 - 2024
AIS: 0.859 - 2024
Quartile Q:

2024, AIS - Mathematics, applied - ; **2024, AIS** - Mechanics - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, JCI** - Mathematics, applied - ; **2024, JCI** - Mechanics - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JIF** - Mathematics, applied - ; **2024, JIF** - Mechanics - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Computational mathematics - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Mathematical physics -

V3_356 / Šroba, Viktor (Author) [Internal PhD student] [UKOMFCENAM] (37%) - Roch, Tomáš (Author) [UKOMFCENAM] (7%) - Truchlý, Martin (Author) [UKOMFCENAM] (7%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (7%) - Grančič, Branislav (Author) [UKOMFCENAM] (7%) - Viskupová, Katarína (Author) [Internal PhD student] [UKOMFCENAM] (7%) - Švec, Peter (Author) (7%) - Kúš, Peter (Author) [UKOMFCENAM] (7%) - Greczynski, Grzegorz (Author) (7%) - Mikula, Marián (Author) [UKOMFCENAM] (7%): **Nanostructure, mechanical properties and oxidation resistance of understoichiometric ZrB2-x films deposited by high power impulse magnetron sputtering**. – text. – [reviewed]. – DOI 10.1016/j.surfcoat.2025.131860. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Surface and Coatings Technology* [printed document] [electronic document] : an international journal devoted to the science and application of advanced surface treatments for improvement of material properties. – Amsterdam (Netherlands) : Elsevier, Lausanne (Switzerland) : Elsevier. – ISSN 0257-8972. – ISSN (online) 1879-3347. – č. 498 (2025), art. no. 131860, s. 1-9 [printed form] [online]
Number of all authors: 10
[article]
Lit.: 43
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,593 - 2024
SJR: 1,211 - 2024
CiteScore: 10,2 - 2024
AIS: 0.796 - 2024
Quartile Q:
2024, AIS - Materials science, coatings & films - ; **2024, AIS** - Physics, applied - ; **2024, JCI** - Materials science, coatings & films - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Materials science, coatings & films - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Surfaces and interfaces - ; **2024, Scimago** - Surfaces, coatings and films -

V3_357 / Čechová, Katarína (Author of correspondence) [UKOMFKJFB] (30%) - Štibrániová, Iveta (Author) (20%) - Gálfiová, Paulína (Author) (10%) - Balcerzak, Lucja (Author) (10%) - Klbik, Ivan (Author) (5%) - Kosnáč, Daniel (Author) [UKOLFULFB] (5%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Šikurová, Libuša (Author) [UKOMFKJFB] (10%): **Effects of DMSO concentration on cryopreservation-induced stress in keratinocytes**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.54680/fr25610110412. – WOS CC ; CCC ; SCO ; SCIE.
In: *CryoLetters* [printed document] [electronic document] : A bimonthly international journal for low temperature science and technology. – Lewes (United Kingdom) : CryoLetters LLP. – ISSN 0143-2044. – ISSN (online) 1742-0644. – Roč. 46, č. 6 (2025), s. 405-415 [printed form] [online]
Number of all authors: 8
[article]
Lit.: 49
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5141]
Journal Indicator:
IF: 0.9 - 2024
SNIP: 0,385 - 2024
SJR: 0,27 - 2024
CiteScore: 1,9 - 2024
AIS: 0.155 - 2024
Quartile Q:
2024, AIS - Biology - ; **2024, AIS** - Physiology - ; **2024, JCI** - Biology - ; **2024, JCI** - Physiology - ; **2024, JIF** - Biology - ; **2024, JIF** - Physiology - ; **2024, Scimago** - Agronomy and crop science - ; **2024, Scimago** - Anatomy - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_358 / Šubjaková, Veronika (Author) [UKOMFKJFB] (40%) - Garaiová, Zuzana (Author) [UKOMFKJFB] (30%) - Garaiová, Martina (Author) (10%) - Holič, Roman (Author) (10%) - Zvarík, Milan (Author)

[UKOMFKJFB] (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (5%): **Development of Dna Aptamer-modified ß-casein Nanoparticles** : A Step Towards Targeted Cancer Therapy [Development of Dna Aptamer-modified beta-casein Nanoparticles: A Step Towards Targeted Cancer Therapy]. – text. – [reviewed].
In: *European Biophysics Journal* [printed document] [electronic document] : with Biophysics Letters. – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 0175-7571. – ISSN (online) 1432-1017. – doi 10.1007/s00249-023-01668-7. – suppl. 15th EBSA congress Roč. 54, č. Suppl. 1 (2025), art. no. P-3.131, s. S251-S252 [printed form] [online]
European Biophysics Congress 2025, 15 [Rím, Italy, 30.06.2025-04.07.2025]
Number of all authors: 6
[abstract from event - AR]
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.4 - 2024
SNIP: 0,764 - 2024
SJR: 0,798 - 2024
CiteScore: 5,3 - 2024
AIS: 0.567 - 2024
Quartile Q:
2024, AIS - Biophysics - ; **2024, JCI** - Biophysics - ; **2024, JIF** - Biophysics - ; **2024, Scimago** - Biophysics - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_359 / Šutý, Šimon (Author) [UKOMFKJFB] (45%) - Mydla, Patrick (Author) [Internal PhD student] [UKOMFKJFB] (40%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (15%): **Study of the Interaction of Dendritic Nanoparticles with Liposomes**. – text. – [reviewed].
In: *European Biophysics Journal* [printed document] [electronic document] : with Biophysics Letters. – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 0175-7571. – ISSN (online) 1432-1017. – doi 10.1007/s00249-023-01668-7. – suppl. 15th EBSA congress Roč. 54, č. Suppl. 1 (2025), art. no. P-1.157, s. S145-S145 [printed form] [online]
European Biophysics Congress 2025, 15 [Rím, Italy, 30.06.2025-04.07.2025]
Number of all authors: 3
[abstract from event - AR]
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.4 - 2024
SNIP: 0,764 - 2024
SJR: 0,798 - 2024
CiteScore: 5,3 - 2024
AIS: 0.567 - 2024
Quartile Q:
2024, AIS - Biophysics - ; **2024, JCI** - Biophysics - ; **2024, JIF** - Biophysics - ; **2024, Scimago** - Biophysics - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_360 / Takácsová, Eva (Author) (25%) - Bartovic, Marek (Author) (25%) - Ivančík, Ján (Author) [External PhD student - external training center] [UKOMFKJFB] (25%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (25%): **Survival benefit of early radium-223 dichloride therapy in castration-resistant prostate cancer patients with osteoblastic bone metastases**. – text. – [reviewed]. – DOI 10.4149/neo_2025_250308N112. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Neoplasma* [printed document] [electronic document] . – Bratislava (Slovakia) : Academic Electronic Press. – ISSN 0028-2685. – ISSN (online) 1338-4317. – Roč. 72, č. 3 (2025), s. 211-218 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 39
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5618 - ŠO 5141]
Journal Indicator:
IF: 2.2 - 2024
SNIP: 0,606 - 2024
SJR: 0,647 - 2024
CiteScore: 4,9 - 2024
AIS: 0.414 - 2024
Quartile Q:

2024, AIS - Oncology - ; **2024, JCI** - Oncology - ; **2024, JIF** - Oncology - ; **2024, Scimago** - Cancer research - ; **2024, Scimago** - Medicine (miscellaneous) - ; **2024, Scimago** - Oncology -

V3_361 / Takte, Mahesh A. (Author) (40%) - Chavhan, Gopal M. (Author) (10%) - Fulari, Akash V. (Author) (5%) - Tsai, Meng-Lin (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (15%) - Shirsat, Mahendra D. (Author) (25%): **A morphology-dependent study of V2O5@rGO nanocomposite-based chemiresistive room temperature gas sensor for detecting NO2**. – text. – [reviewed]. – DOI 10.1016/j.synthmet.2025.117891. – CCC ; WOS CC ; SCO ; SCIE.
In: *Synthetic Metals* [printed document] [electronic document] : an international journal integrating research and applications on intercalation compounds of graphite, transition metal compounds and quasi onedimensional conductors : the Journal of Electronic Polymers and Electronic Molecular Metals. – Amsterdam (Netherlands) : Elsevier. – ISSN 0379-6779. – ISSN (online) 1879-3290. – č. 313 (2025), art. no. 117891, s. 1-12 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 46
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.6 - 2024
SNIP: 0,771 - 2024
SJR: 0,787 - 2024
CiteScore: 8,3 - 2024
AIS: 0.524 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, AIS** - Physics, condensed matter - ; **2024, AIS** - Polymer science - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Physics, condensed matter - ; **2024, JCI** - Polymer science - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Physics, condensed matter - ; **2024, JIF** - Polymer science - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Mechanical engineering - ; **2024, Scimago** - Mechanics of materials - ; **2024, Scimago** - Metals and alloys -

V3_362 / Takte, Mahesh A. (Author) (40%) - Patil, Shubham S. (Author) (5%) - Fulari, Akash V. (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (25%) - Shirsat, Mahendra D. (Author) (25%): **Electrochemical Sensor Based on DNA Aptamers Immobilized on V2O5/rGO Nanocomposite for the Sensitive Detection of Hg(II)**. – text. – [reviewed]. – DOI 10.3390/s25072334. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Sensors* [printed document] [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN 1424-3210. – ISSN (online) 1424-8220. – Roč. 25, č. 7 (2025), art. no. 2334, s. 1-16 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 54
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 3.5 - 2024
SNIP: 1,312 - 2024
SJR: 0,764 - 2024
CiteScore: 8,2 - 2024
AIS: 0.619 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, AIS** - Engineering, electrical & electronic - ; **2024, AIS** - Instruments & instrumentation - ; **2024, JCI** - Chemistry, analytical - ; **2024, JCI** - Engineering, electrical & electronic - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Chemistry, analytical - ; **2024, JIF** - Engineering, electrical & electronic - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Biochemistry - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Information systems - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_363 / Tarenkov, Vladimír (Author) (15%) - Krivoruchko, Vladimír N. (Author) (10%) - Shapovalov, Andrii (Author) (10%) - Kalenyuk, Oleksii (Author) (15%) - Martynenko, Ihor (Author) (10%) - Dmytrenko, Viktoriya (Author) (10%) - Zhytlukhina, Olena S. (Author) [UKOMFCENAM] (15%) - Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (15%): **Point-contact spectroscopy of Mo-Re alloy processed by high-pressure torsion**. –

text. – [reviewed]. – DOI 10.1063/10.0036928. – SCO.
In: *Fizyka nyzkych temperatur* [printed document] [electronic document] : ježemesjačnyj naučnyj žurnal. – Charkov (Ukraine) : Fiziko-techničeskij institut nizkich temperatur im. B.I. Verkina. – ISSN 0132-6414. – ISSN (online) 1816-0328. – Roč. 51, č. 7 (2025), s. 850-855 [printed form] [online]
Number of all authors: 8
[article]
Lit.: 32
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
SNIP: 0,526 - 2024
SJR: 0,221 - 2024
CiteScore: 0,7 - 2024
Quartile Q:
2024, Scimago - Physics and astronomy (miscellaneous) -

V3_364 / Keller, L.P. (Author of correspondence) (4.555%) - Thompson, M. S. (Author) (4.545%) - Seifert, L. B. (Author) (4.545%) - Melendez, L. E. (Author) (4.545%) - Keprta-Thomas, K. L. (Author) (4.545%) - Le, L. (Author) (4.545%) - Snead, C. J. (Author) (4.545%) - Welten, Kees C. (Author) (4.545%) - Nishiizumi, Kunihiko (Author) (4.545%) - Caffee, Marc W. (Author) (4.545%) - Masarik, Jozef (Author) [UKOMFKJFB] (4.545%) - Busemann, H. (Author) (4.545%) - Krietsch, D. (Author) (4.545%) - Maden, C. (Author) (4.545%) - Rahman, Z. (Author) (4.545%) - Dukes, C. A. (Author) (4.545%) - Cloutis, E. A. (Author) (4.545%) - Gainsforth, Z. (Author) (4.545%) - Sandford, S. A. (Author) (4.545%) - DellaGiustina, D. N. (Author) (4.545%) - Connolly Jr., H. C. (Author) (4.545%) - Lauretta, D. S. (Author) (4.545%): **Space weathering effects in Bennu asteroid samples**. – text, photographs, graphs, pictures (illustration). – [reviewed]. – DOI 10.1038/s41561-025-01745-w. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Nature geoscience* [printed document] [electronic document] . – Londýn (United Kingdom) : Springer Nature. Nature Publishing Group. – ISSN 1752-0894. – ISSN (online) 1752-0908. – Roč. 18, č. 9 (2025), s. 825-831 [printed form] [online]
Number of all authors: 22
[article]
Lit.: 43
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]
Journal Indicator:
IF: 16.1 - 2024
SNIP: 4,032 - 2024
SJR: 5,138 - 2024
CiteScore: 25,9 - 2024
AIS: 7.493 - 2024
Quartile Q:
2024, AIS - Geosciences, multidisciplinary - ; **2024, JCI** - Geosciences, multidisciplinary - ; **2024, JIF** - Geosciences, multidisciplinary - ; **2024, Scimago** - Earth and planetary sciences (miscellaneous) -

V3_365 / Kuksenko, Vitalii (Author of correspondence) [Internal PhD student] [UKOMFKAFZM] (80%) - Tóth, Juraj (Author) [UKOMFKAFZM] (20%): **Population of the Oort cloud rocky meteoroids from the AMOS Meteor Network with implications for the Solar System cosmogony**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1051/0004-6361/202555020. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Astronomy & Astrophysics* [printed document] [electronic document] : European Journal. – Les Ulis (France) : Édition Diffusion Presse Sciences, Garching (Germany) : European Southern Observatory. – ISSN 0004-6361. – ISSN (online) 1432-0746. – č. 704 (2025), art. no. A243, s. 1-14 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 94
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,429 - 2024
SJR: 1,968 - 2024
CiteScore: 8,9 - 2024
AIS: 1.712 - 2024
Quartile Q:

2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_366 / Janda, Mário (Author of correspondence) [UKOMFKAFZM] (60%) - Tóth, Peter (Author) [Internal PhD student] [UKOMFKAFZM] (30%) - Smirnov, Sergei (Author) [Internal PhD student] [UKOMFKAFZM] (10%): **Impact of added capacitance and inductance on transient spark plasma characteristics and on HNO2 generation**. – text, pictures (illustration). – [reviewed]. – DOI 10.1140/epjd/s10053-025-01102-x. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *The European Physical Journal D* [printed document] [electronic document] : Atomic, Molecular, Optical and Plasma Physics. – Berlín (Germany) : Springer Nature. Springer International Publishing AG. – ISSN 1434-6060. – ISSN (online) 1434-6079. – Roč. 79, č. 12 (2025), art. no. 153, s. 1-13 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 58
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 1.5 - 2024
SNIP: 0,655 - 2024
SJR: 0,322 - 2024
CiteScore: 3,1 - 2024
AIS: 0.332 - 2024
Quartile Q:
2024, AIS - Optics - ; **2024, AIS** - Physics, atomic, molecular & chemical - ; **2024, JCI** - Optics - ; **2024, JCI** - Physics, atomic, molecular & chemical - ; **2024, JIF** - Optics - ; **2024, JIF** - Physics, atomic, molecular & chemical - ; **2024, Scimago** - Atomic and molecular physics, and optics -

V3_367 / Trnovská, Mária (Author) [UKOMFKAMS] (40%) - Halická, Margaréta (Author) (40%) - Hrdina, Jakub (Author) [UKOMFKAMS] (20%): **Path-based DEA models in multiplier form and returns-to-scale analysis**. – text. – [reviewed]. – DOI 10.1007/s10479-024-06384-9. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Annals of Operations Research* [printed document] [electronic document] . – New York (United States) : Springer Nature. Springer International Publishing AG. – ISSN 0254-5330. – ISSN (online) 1572-9338. – Roč. 351, č. 2 (2025), s. 1705-1741 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 45
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 4.5 - 2024
SNIP: 1,618 - 2024
SJR: 1,092 - 2024
CiteScore: 9,8 - 2024
AIS: 0.904 - 2024
Quartile Q:
2024, AIS - Operations research & management science - ; **2024, JCI** - Operations research & management science - ; **2024, JIF** - Operations research & management science - ; **2024, Scimago** - Decision sciences (miscellaneous) - ; **2024, Scimago** - Management science and operations research -

V3_368 / Turutanov, Oleh (Author) (100%): **Chronicle: “Foot of the iceberg” of Nobel Prize in Physics 2025: ILTPE and LTP contribution**. – text, pictures (illustration). – [reviewed]. – DOI 10.1063/10.0039961. – SCO ; WOS CC ; SCIE ; CCC.
In: *Low Temperature Physics* [printed document] [electronic document] . – New York (United States) : American Institute of Physics. AIP Publishing. – ISSN 1063-777X. – ISSN (online) 1090-6517. – Roč. 51, č. 12 (2025), s. 1522-1524 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 14
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 0.8 - 2024
SNIP: 0,233 - 2024

SJR: 0,2 - 2024
CiteScore: 0,9 - 2024
AIS: 0.137 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_369 / Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (40%) - Herrera, Luis J. Mendoza (Author of correspondence) (8.58%) - Etcheverry, Maria E. (Author) (8.57%) - Villa, Cristian (Author) (8.57%) - Sepúlveda, Ruth D. Mojica (Author) (8.57%) - Garavaglia, Leopoldo (Author) (8.57%) - Arce, Valeria (Author) (8.57%) - Tebaldi, Myrian C. (Author) (8.57%): **Shape modification of silver nano triangles under light irradiation**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1016/j.photonics.2025.101470. – SCO ; WOS CC ; CCC ; SCIE.
In: *Photonics and Nanostructures - Fundamentals and Applications* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 1569-4410. – ISSN (online) 1569-4429. – č. 67 (2025), art. no. 101470, s. 1-13 [printed form] [online]
Number of all authors: 8
[article]
Lit.: 37
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.9 - 2024
SNIP: 0,733 - 2024
SJR: 0,459 - 2024
CiteScore: 4,8 - 2024
AIS: 0.354 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, AIS** - Nanoscience & nanotechnology - ; **2024, AIS** - Optics - ; **2024, AIS** - Physics, applied - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Nanoscience & nanotechnology - ; **2024, JCI** - Optics - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Nanoscience & nanotechnology - ; **2024, JIF** - Optics - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Atomic and molecular physics, and optics - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Hardware and architecture - ; **2024, Scimago** - Nanoscience and nanotechnology -

V3_370 / Ilbeigi, Vahideh (Author of correspondence) [UKOMFKEF] (70%) - Valadbeigi, Younes (Author) (10%) - Matejčík, Štefan (Author of correspondence) [UKOMFKEF] (20%): **Rapid and Direct Determination of Methanol in Alcoholic Beverages by Ion Mobility Spectrometry**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1021/acs.analchem.5c03428. – SCO ; SCIE ; CCC ; WOS CC ; Nature Index.
In: *Analytical Chemistry* [printed document] [electronic document] . – Washington (United States) : American Chemical Society. ACS Publications. – ISSN 0003-2700. – ISSN (online) 1520-6882. – Roč. 97, č. 33 (2025), s. 18265-18272 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 60
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.7 - 2024
SNIP: 1,256 - 2024
SJR: 1,533 - 2024
CiteScore: 11,6 - 2024
AIS: 1.132 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, JCI** - Chemistry, analytical - ; **2024, JIF** - Chemistry, analytical - ; **2024, Scimago** - Analytical chemistry -

V3_371 / Ilbeigi, Vahideh (Author of correspondence) [UKOMFKEF] (60%) - Valadbeigi, Younes (Author) (10%) - Zvaríková, Martina (Author) [UKOPREEM] (10%) - Fedor, Peter (Author) [UKOPREEM] (10%) - Matejčík, Štefan (Author of correspondence) [UKOMFKEF] (10%): **Rapid detection of volatile organic compounds emitted from plants by multicapillary column-ion mobility spectrometry**. – text, illustrations, graphs, tables. –

[reviewed]. – DOI 10.1039/d4ay01817f. – SCO ; WOS CC ; SCIE ; CCC.
In: *Analytical Methods* [printed document] [electronic document] : Advancing Methods and Applications. – Cambridge (United Kingdom) : The Royal Society of Chemistry. – ISSN 1759-9660. – ISSN (online) 1759-9679. – Roč. 17, č. 3 (2025), s. 485-492 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 57
[OV 091 Physics - OV 100 Environmental science and ecology]
[ŠO 1160 - ŠO 1610]
Journal Indicator:
IF: 2.7 - 2024
SNIP: 0,6 - 2024
SJR: 0,478 - 2024
CiteScore: 4,5 - 2024
AIS: 0.410 - 2024
Quartile Q:
2024, AIS - Chemistry, analytical - ; **2024, AIS** - Food science & technology - ; **2024, AIS** - Spectroscopy - ; **2024, JCI** - Chemistry, analytical - ; **2024, JCI** - Food science & technology - ; **2024, JCI** - Spectroscopy - ; **2024, JIF** - Chemistry, analytical - ; **2024, JIF** - Food science & technology - ; **2024, JIF** - Spectroscopy - ; **2024, Scimago** - Analytical chemistry - ; **2024, Scimago** - Chemical engineering (miscellaneous) - ; **2024, Scimago** - Engineering (miscellaneous) -

V3_372 / Valášková, Jela (Author) [UKOLFKO] (40%) - Veselý, Pavol (Author) (10%) - Krásnik, Vladimír (Author) [UKOLFKO] (10%) - Popov, Ivajlo (Author) [UKOLFKO] (10%) - Juhas, Ján (Author) [UKOLFKO] (10%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Furdová, Alena (Author of correspondence) [UKOLFKO] (10%): **Surgical treatment of hemorrhagic complications of age related macular degeneration, predictive factors and outcomes**. – text, graphs, tables. – [reviewed]. – DOI 10.1007/s44411-024-00014-3. – SCO ; WOS CC ; SCIE ; OA.
In: *Bratislava medical journal* [printed document] [electronic document] . – Cham (Switzerland) : Springer Nature. – ISSN 0006-9248. – ISSN (online) 1336-0345. – Roč. 126, č. 3 (2025), s. 299-308 [printed form] [online]
Number of all authors: 7
[article]
Lit.: 22
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
IF: 1,1 - 2024
SNIP: 0,577 - 2024
SJR: 0,458 - 2024
CiteScore: 2,8 - 2024
Nordic List: 1 - 2024
AIS: 0.279 - 2024
Quartile Q:
2024, AIS - Medicine, general & internal - ; **2024, JCI** - Medicine, general & internal - ; **2024, JIF** - Medicine, general & internal - ; **2024, Scimago** - Medicine (miscellaneous) -

V3_373 / Váš, Peter (Author) (25%) - Bartok, Juraj (Author) (8%) - Gaál, Ladislav (Author) (9%) - Jurašek, Marián (Author) (8%) - Melo, Marián (Author) [UKOMFKAFZM] (25%) - Gera, Martin (Author) [UKOMFKAFZM] (25%): **Frequency shifts in thunderstorm patterns as key precursors to flash flood events**. – text. – [reviewed]. – DOI 10.2478/johh-2025-0006. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Journal of Hydrology and Hydromechanics* [printed document] [electronic document] . – Praha : Akademie věd České republiky. Ústav pro hydrodynamiku AV ČR, Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Ústav hydrológie. – ISSN 0042-790X. – ISSN (online) 1338-4333. – Roč. 73, č. 1 (2025), s. 73-83 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 61
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.4 - 2024
SNIP: 1,147 - 2024
SJR: 0,64 - 2024

CiteScore: 4,6 - 2024
AIS: 0.413 - 2024
Quartile Q:
2024, AIS - Water resources - ; **2024, JCI** - Water resources - ; **2024, JIF** - Water resources - ; **2024, Scimago** - Fluid flow and transfer processes - ; **2024, Scimago** - Mechanical engineering - ; **2024, Scimago** - Water science and technology -

V3_374 / Farkaš, Igor (Author of correspondence) [UKOMFKAI] (50%) - Vavrečka, Michal (Author) (40%) - Wermter, Stefan (Author) (10%) - Wei, Yufen (Reviewer) - Xue, Yuyan (Reviewer) : **Will multimodal large language models ever achieve deep understanding of the world?**. – text, pictures (illustration). – DOI 10.3389/fnsys.2025.1683133. – OA ; SCO ; WOS CC ; SCIE.
In: *Frontiers in systems neuroscience* [electronic document] . – Lausanne (Switzerland) : Frontiers Media. – ISSN (online) 1662-5137. – Roč. 19, č. 17. November (2025), art. no. 1683133, s. 1-8 [online]
Number of all authors: 3
[article]
Lit.: 84
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]
Journal Indicator:
IF: 3.5 - 2024
SNIP: 1,247 - 2024
SJR: 1,296 - 2024
CiteScore: 8,3 - 2024
AIS: 1.336 - 2024
Quartile Q:
2024, AIS - Neurosciences - ; **2024, JCI** - Neurosciences - ; **2024, JIF** - Neurosciences - ; **2024, Scimago** - Cellular and molecular neuroscience - ; **2024, Scimago** - Cognitive neuroscience - ; **2024, Scimago** - Developmental neuroscience - ; **2024, Scimago** - Neuroscience (miscellaneous) -

V3_375 / Vazquez, Thomas (Author) (30%) - Lavrikova, Aleksandra (Author) (20%) - Wiedermann, Dalimír (Author) (5%) - Babic, Ján (Author) (5%) - Palko, Miroslav (Author) [103002] (5%) - Palko, Maroš (Author) [103002] (5%) - Machala, Zdenko (Author) [UKOMFKAFZM] (30%): **Non-thermal plasma coupled with photocatalysis for indoor air treatment at high air flow rates: effects on VOCs and bio-aerosols**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.elstat.2025.104160. – CCC ; SCO ; WOS CC ; SCIE.
In: *Journal of Electrostatics* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0304-3886. – ISSN (online) 1873-5738. – Roč. 138 (2025), art. no. 104160, s. [1-10] [printed form] [online]
Number of all authors: 7
[article]
Lit.: 41
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.1 - 2024
SNIP: 1,092 - 2024
SJR: 0,451 - 2024
CiteScore: 3,9 - 2024
AIS: 0.345 - 2024
Quartile Q:
2024, AIS - Engineering, electrical & electronic - ; **2024, JCI** - Engineering, electrical & electronic - ; **2024, JIF** - Engineering, electrical & electronic - ; **2024, Scimago** - Biotechnology - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Surfaces, coatings and films -

V3_376 / Velísková, Martina (Author) (25%) - Masarovičová, Dominika (Author) [Internal PhD student] [UKOMFKJFB] (10%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Kollárik, Boris (Author) (5%) - Jacko, Juraj (Author) (5%) - Hunáková, Ľuba (Author) [UKOLFIU] (20%) - Zvarík, Milan (Author of correspondence) [UKOMFKJFB] (25%): **The role of spectral characteristics of urine in bladder cancer diagnostics**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1038/s41598-025-15801-3. – SCO ; MEDLINE® ; OA ; WOS CC ; SCIE ; CCC.
In: *Scientific reports* [electronic document] . – Londýn (United Kingdom) : Springer Nature. Nature Publishing Group. – ISSN (online) 2045-2322. – Roč. 15, č. 1 (2025), art. no. 29979, s. 1-13 [online]
Number of all authors: 7
[article]

Lit.: 47
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5141]
Journal Indicator:
IF: 3.9 - 2024
SNIP: 1,213 - 2024
SJR: 0,874 - 2024
CiteScore: 6,7 - 2024
Nordic List: 1 - 2024
AIS: 1.031 - 2024
Quartile Q:
2024, AIS - Multidisciplinary sciences - ; **2024, JCI** - Multidisciplinary sciences - ; **2024, JIF** - Multidisciplinary sciences - ; **2024, Scimago** - Multidisciplinary -

V3_377 / Egal, Auriane (Author of correspondence) (1.12%) - Vida, Denis (Author) (1.03%) - Colas, Francois (Author) (1.03%) - Zanda, Brigitte (Author) (1.03%) - Bouley, Sylvain (Author) (1.03%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (1.03%) - Sýkora, Ivan (Author) (1.03%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (1.03%): **Catastrophic disruption of asteroid 2023 CX1 and implications for planetary defence**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1038/s41550-025-02659-8. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Nature Astronomy* [electronic document] . – Londýn (United Kingdom) : Springer Nature. – ISSN (online) 2397-3366. – Roč. 9, č. 11 (2025), s. 1624-1637 [online]
Number of all authors: 97
[article]
Lit.: 82
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 14.3 - 2024
SNIP: 3,305 - 2024
SJR: 4,006 - 2024
CiteScore: 22,9 - 2024
AIS: 5.650 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics -

V3_378 / Vidiš, Marek (Author) [UKOMFCENAM] (50%) - Fiantok, Tomáš (Author) [UKOMFCENAM] (15%) - Truchlý, Martin (Author) [UKOMFCENAM] (5%) - Izai, Vitalii (Author) [UKOMFCENAM] (5%) - Roch, Tomáš (Author) [UKOMFCENAM] (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Hahn, Rainer (Author) (2%) - Riedl, Helmut (Author) (2%) - Švec, Peter (Author) (2%) - Šroba, Viktor (Author) (2%) - Mikula, Marián (Author) [UKOMFCENAM] (7%): **Enhanced hardness and fracture toughness in diboride superlattice films: Ab initio and experimental study**. – text, pictures (illustration). – [reviewed]. – DOI 10.1016/j.surfcoat.2025.132607. – SCO ; CCC ; WOS CC ; SCIE.
In: *Surface and Coatings Technology* [printed document] [electronic document] : an international journal devoted to the science and application of advanced surface treatments for improvement of material properties. – Amsterdam (Netherlands) : Elsevier, Lausanne (Switzerland) : Elsevier. – ISSN 0257-8972. – ISSN (online) 1879-3347. – Roč. 515 (2025), art. no. 132607, s. 1-10 [printed form] [online]
Number of all authors: 11
[article]
Lit.: 61
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,593 - 2024
SJR: 1,211 - 2024
CiteScore: 10,2 - 2024
AIS: 0.796 - 2024
Quartile Q:
2024, AIS - Materials science, coatings & films - ; **2024, AIS** - Physics, applied - ; **2024, JCI** - Materials science, coatings & films - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Materials science, coatings & films - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed

matter physics - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Surfaces and interfaces - ; **2024, Scimago** - Surfaces, coatings and films -

V3_379 / Viskupová, Katarína (Author) [Internal PhD student] [UKOMFCENAM] (15%) - Šroba, Viktor (Author) [Internal PhD student] [UKOMFCENAM] (15%) - Lu, J. (Author) (4%) - Primetzhofer, Daniel (Author) (4%) - Wicher, B. (Author) (4%) - Rogoz, Vladyslav (Author) (4%) - Roch, Tomáš (Author) [UKOMFCENAM] (4%) - Truchlý, Martin (Author) [UKOMFCENAM] (4%) - Mikula, Marián (Author) [UKOMFCENAM] (4%) - Petrov, Ivan (Author) (15%) - Hultman, Lars (Author) (12%) - Greczynski, Grzegorz (Author) (15%): **W-ion irradiation promotes dense TiBx film growth during magnetron sputtering without substrate heating**. – text. – [reviewed]. – DOI 10.1016/j.surfcoat.2025.131766. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Surface and Coatings Technology* [printed document] [electronic document] : an international journal devoted to the science and application of advanced surface treatments for improvement of material properties. – Amsterdam (Netherlands) : Elsevier, Lausanne (Switzerland) : Elsevier. – ISSN 0257-8972. – ISSN (online) 1879-3347. – č. 497 (2025), art. no. 131766, s. 1-9 [printed form] [online]
Number of all authors: 12
[article]
Lit.: 41
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.1 - 2024
SNIP: 1,593 - 2024
SJR: 1,211 - 2024
CiteScore: 10,2 - 2024
AIS: 0.796 - 2024
Quartile Q:
2024, AIS - Materials science, coatings & films - ; **2024, AIS** - Physics, applied - ; **2024, JCI** - Materials science, coatings & films - ; **2024, JCI** - Physics, applied - ; **2024, JIF** - Materials science, coatings & films - ; **2024, JIF** - Physics, applied - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Surfaces and interfaces - ; **2024, Scimago** - Surfaces, coatings and films -

V3_380 / Viskupová, Katarína (Author) [Internal PhD student] [UKOMFCENAM] (20%) - Fiantok, Tomáš (Author) [UKOMFCENAM] (20%) - Grančič, Branislav (Author) [UKOMFCENAM] (20%) - Švec, Peter (Author) (10%) - Roch, Tomáš (Author) [UKOMFCENAM] (5%) - Truchlý, Martin (Author) [UKOMFCENAM] (5%) - Šroba, Viktor (Author) [Internal PhD student] [UKOMFCENAM] (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Kúš, Peter (Author) [UKOMFCENAM] (5%) - Mikula, Marián (Author) [UKOMFCENAM] (5%): **Heterostructural decomposition in V1-xWxB2-delta films induced by B deficiency** [Heterostructural decomposition in V1-xWxB2-Δ films induced by B deficiency]. – text. – [reviewed]. – DOI 10.1016/j.mtla.2025.102351. – WOS CC ; SCO ; OA ; ESCI.
In: *Materialia* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2589-1529. – Roč. 39 (2025), art. no. 102351, s. 1-11 [online]
Number of all authors: 10
[article]
Lit.: 53
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.9 - 2024
SNIP: 0,999 - 2024
SJR: 0,789 - 2024
CiteScore: 5,8 - 2024
AIS: 0.696 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, Scimago** - Materials science (miscellaneous) -

V3_381 / Voitko, Anhelina (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Kleshchonok, Valerii (Author) (20%) - Shubina, Olena (Author) (20%) - Ivanova, Oleksandra (Author) (20%) - Husárik, Marek (Author) (20%): **Photometric study of eight distant comets**. – text. – [reviewed]. – DOI 10.1093/mnras/staf400. – CCC ; WOS CC ; SCO ; OA ; SCIE.
In: *Monthly Notices of the Royal Astronomical Society* [printed document] [electronic document] : a journal of the Royal Astronomical Society. – Oxford (United Kingdom) : Oxford University Press. – ISSN 0035-8711. – ISSN

(online) 1365-2966. – Roč. 538, č. 3 (2025), s. 1609-1627 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 81
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]
Journal Indicator:
IF: 4.8 - 2024
SNIP: 1,188 - 2024
SJR: 1,702 - 2024
CiteScore: 9,7 - 2024
AIS: 1.246 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

V3_382 / Vörös, Tomáš (Author) [Internal PhD student] [UKOMFKAFZM] (90%) - Tóth, Juraj (Author) [UKOMFKAFZM] (10%): **Determining the mineralogical density of meteoroids**. – text, graphs, tables. – [reviewed].
In: *WGN : Journal of the International Meteor Organization* [printed document] . – Hove (Belgium) : International Meteor Organization. – ISSN 1016-3115. – Roč. 53, č. 1 (2025), s. 23-24 [printed form]
International Meteor Conference 2024, 43 [Kutná Hora, Czech Republic, 19.09.2024-22.09.2024]
Number of all authors: 2
[article from event]
Lit.: 5
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1217 - ŠO 1160]

V3_383 / Waghmare, Yogita A. (Author) (40%) - Ingle, Nikesh N. (Author) (10%) - Tsai, Meng-Lin (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (20%) - Shirsat, Mahendra D. (Author) (25%): **Highly selective and sensitive chemiresistive NO2 sensor using reduced graphene oxide/metal-base porphyrin composite**. – text. – [reviewed]. – DOI 10.1016/j.sna.2025.116628. – CCC ; WOS CC ; SCO ; SCIE.
In: *Sensors and Actuators, A: Physical* [printed document] [electronic document] . – Lausanne (Switzerland) : Elsevier. – ISSN 0924-4247. – ISSN (online) 1873-3069. – Roč. 391 (2025), art. no. 116628, s. 1-13 [printed form] [online]
Number of all authors: 5
[article]
Lit.: 71
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.9 - 2024
SNIP: 1,286 - 2024
SJR: 0,825 - 2024
CiteScore: 7,7 - 2024
AIS: 0.755 - 2024
Quartile Q:
2024, AIS - Engineering, electrical & electronic - ; **2024, AIS** - Instruments & instrumentation - ; **2024, JCI** - Engineering, electrical & electronic - ; **2024, JCI** - Instruments & instrumentation - ; **2024, JIF** - Engineering, electrical & electronic - ; **2024, JIF** - Instruments & instrumentation - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Electrical and electronic engineering - ; **2024, Scimago** - Electronic, optical and magnetic materials - ; **2024, Scimago** - Instrumentation - ; **2024, Scimago** - Metals and alloys - ; **2024, Scimago** - Surfaces, coatings and films -

V3_384 / Wolf, Sebastian (Author) (33%) - Gabriel, Alice-Agnes (Author of correspondence) (25%) - Gális, Martin (Author) [UKOMFKAFZM] (22%) - Moczo, Peter (Author) [UKOMFKAFZM] (10%) - Gregor, Dávid (Author) (5%) - Bader, Michael (Author) (5%): **Three-dimensional wave propagation and earthquake dynamic rupture simulations in complex poroelastic media**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1093/gji/ggaf184. – WOS CC ; SCIE ; SCO ; CCC ; OA.
In: *Geophysical Journal International* [printed document] [electronic document] . – Oxford (United Kingdom) : Oxford University Press. – ISSN 0956-540X. – ISSN (online) 1365-246X. – Roč. 242, č. 2 (2025), art. no. ggaf184, s. 1-26 [printed form] [online]

Number of all authors: 6
[article]
Lit.: 96
[OV 092 Earth and space sciences]
[ŠO 1217]
Journal Indicator:
IF: 2.7 - 2024
SNIP: 1,165 - 2024
SJR: 1,142 - 2024
CiteScore: 5,7 - 2024
AIS: 1.043 - 2024
Quartile Q:
2024, AIS - Geochemistry & geophysics - ; **2024, JCI** - Geochemistry & geophysics - ; **2024, JIF** - Geochemistry & geophysics - ; **2024, Scimago** - Geochemistry and petrology - ; **2024, Scimago** - Geophysics -

V3_385 / Yang, Maosong (Author) (33.334%) - Fečkan, Michal (Author) [UKOMFKMANM] (33.333%) - Wang, JinRong (Author of correspondence) (33.333%): **Trajectory Controllability for Delayed Linear Discrete Systems with Second-Order Differences**. – text, graphs, tables. – [reviewed]. – DOI 10.1007/s12346-025-01282-2. – SCO ; WOS CC ; SCIE ; CCC.
In: *Qualitative Theory of Dynamical Systems* [printed document] [electronic document] . – Bazilej (Switzerland) : Springer Nature. Springer. – ISSN 1575-5460. – ISSN (online) 1662-3592. – Roč. 24, č. 3 (2025), art. no. 123, s. 1-26 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 32
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 2.1 - 2024
SNIP: 0,953 - 2024
SJR: 0,6 - 2024
CiteScore: 3 - 2024
AIS: 0.468 - 2024
Quartile Q:
2024, AIS - Mathematics - ; **2024, AIS** - Mathematics, applied - ; **2024, JCI** - Mathematics - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Discrete mathematics and combinatorics -

V3_386 / Yang, Taoyu (Author) (33.334%) - Fečkan, Michal (Author) [UKOMFKMANM] (33.333%) - Wang, JinRong (Author of correspondence) (33.333%): **Existence and stability results for steady atmospheric Ekman flows in ellipsoidal coordinates**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1016/j.cjph.2025.03.009. – SCO ; WOS CC ; CCC ; SCIE.
In: *Chinese Journal of Physics* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0577-9073. – ISSN (online) 2309-9097. – č. 95 (2025), s. 651-661 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 41
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 4.6 - 2024
SNIP: 1,137 - 2024
SJR: 0,587 - 2024
CiteScore: 7,5 - 2024
AIS: 0.524 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_387 / UKAEA RACE Team [Author corporation] ; Yi, Rongxing (Author) (4.366%) - Rayaprolu, Rahul (Author) (4.347%) - Likonen, Jari (Author) (4.347%) - Almaviva, Salvatore (Author) (4.347%) - Jepu, Ionut (Author) (4.347%) - Sergienko, Gennady V. (Author) (4.347%) - Widdowson, Anna (Author) (4.347%) - Jones, Nick (Author) (4.347%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (4.347%) - Dittmar, Timo (Author)

(4.347%) - Karhunen, Juuso (Author) (4.347%) - Gasior, Pawel (Author) (4.347%) - Sackers, Marc (Author) (4.347%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (4.347%) - Wüst, Erik (Author) (4.347%) - Butikova, Jelena (Author) (4.347%) - Gromelski, Wojciech (Author) (4.347%) - Hakola, Antti H. (Author) (4.347%) - Jogi, Indrek (Author) (4.347%) - Paris, Peeter (Author) (4.347%) - Ristkok, Jasper (Author) (4.347%) - Veis, Pavel (Author) [UKOMFKEF] (4.347%) - Brezinsek, Sebastijan (Author) (4.347%): **In-vessel and depth-resolved semi-quantitative analysis on hydrogen isotopes and wall materials in JET by LIBS operated on a remote handling arm**. – text, photographs, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.nme.2025.102016. – OA ; SCIE ; CCC ; SCO ; WOS CC.
In: *Nuclear Materials and Energy* [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2352-1791. – č. 45 (2025), art. no. 102016, s. 1-10 [online]
Number of all authors: 23
[article]
Lit.: 29
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.7 - 2024
SNIP: 1,236 - 2024
SJR: 0,839 - 2024
CiteScore: 4,2 - 2024
AIS: 0.731 - 2024
Quartile Q:
2024, AIS - Nuclear science & technology - ; **2024, JCI** - Nuclear science & technology - ; **2024, JIF** - Nuclear science & technology - ; **2024, Scimago** - Materials science (miscellaneous) - ; **2024, Scimago** - Nuclear and high energy physics - ; **2024, Scimago** - Nuclear energy and engineering -

V3_388 / Zabaikina, Iryna (Author) (50%) - Bokes, Pavol (Author) [UKOMFKAMS] (50%): **Maintenance of steady-state mRNA levels by a microRNA-based feed forward loop in the presence of stochastic gene expression noise**. – text. – [reviewed]. – DOI 10.1017/S095679252400024X. – CCC ; WOS CC ; SCO ; SCIE.
In: *European Journal of Applied Mathematics* [printed document] [electronic document] . – Cambridge (United Kingdom) : Cambridge University Press. – ISSN 0956-7925. – ISSN (online) 1469-4425. – Roč. 36, č. 1 (2025), s. 143-160 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 59
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.1 - 2024
SNIP: 0,953 - 2024
SJR: 0,75 - 2024
CiteScore: 5 - 2024
AIS: 0.919 - 2024
Quartile Q:
2024, AIS - Mathematics, applied - ; **2024, JCI** - Mathematics, applied - ; **2024, JIF** - Mathematics, applied - ; **2024, Scimago** - Applied mathematics -

V3_389 / Zažímal, František (Author) (20%) - Plašienka, Dušan (Author) (10%) - Atri, Shalu (Author) [UKOPRCAG] (10%) - Vrána, Lukáš (Author) (10%) - Monfort, Olivier (Author) [UKOPRCAG] (10%) - Stavárek, Petr (Author) (10%) - Klusoň, Petr (Author) (10%) - Šob, Mojmír (Author) (10%) - Homola, Tomáš (Author) [046290] (10%): **Unveiling the effect of the polymerization degree of graphitic carbon nitride on the surface functionalization by low-temperature plasma** : Insights from XPS and DFT study. – text, graphs. – [reviewed]. – DOI 10.1016/j.apsusc.2025.163073. – CCC ; SCO ; WOS CC ; SCIE.
In: *Applied Surface Science* [printed document] [electronic document] : a journal devoted to applied physics and chemistry of surfaces and interfaces. – Amsterdam (Netherlands) : Elsevier. – ISSN 0169-4332. – ISSN (online) 1873-5584. – č. 699 (2025), art. no. 163073, s. [1-10] [printed form] [online]
Number of all authors: 9
[article]
Lit.: 77
[OV 170 Engineering and technology - OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 2820 - ŠO 1420 - ŠO 1160]
Journal Indicator:

IF: 6.9 - 2024
SNIP: 1,193 - 2024
SJR: 1,31 - 2024
CiteScore: 13,4 - 2024
AIS: 0.918 - 2024
Quartile Q:
2024, AIS - Chemistry, physical - ; **2024, AIS** - Materials science, coatings & films - ; **2024, AIS** - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, JCI** - Chemistry, physical - ; **2024, JCI** - Materials science, coatings & films - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JIF** - Chemistry, physical - ; **2024, JIF** - Materials science, coatings & films - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Physics and astronomy (miscellaneous) - ; **2024, Scimago** - Surfaces and interfaces - ; **2024, Scimago** - Surfaces, coatings and films -

V3_390 / Zažímal, František (Author) (10%) - Atri, Shalu (Author) [UKOPRCAG] (10%) - Plašienka, Dušan (Author) (10%) - Vrána, Lukáš (Author) (10%) - Stýskalík, Aleš (Author) (10%) - Vlk, Aleš (Author) (10%) - Čaplovičová, Mária (Author) [060700] (10%) - Šob, Mojmír (Author) (10%) - Monfort, Olivier (Author) [UKOPRCAG] (10%) - Homola, Tomáš (Author) [046290] (10%): **Fast plasma nanomodification of graphitic carbon nitride by amide and carboxyl groups for enhanced sulfamethoxazole degradation in wastewater: detailed experimental and DFT study**. – text, graphs. – [reviewed]. – DOI 10.1039/d4ta08613a. – SCO ; CCC ; WOS CC ; SCIE.
In: *Journal of Materials Chemistry A* [printed document] [electronic document] : Materials for Energy and Sustainability. – Cambridge (United Kingdom) : The Royal Society of Chemistry. – ISSN 2050-7488. – ISSN (online) 2050-7496. – Roč. 13, č. 19 (2025), s. 13909-13923 [printed form] [online]
Number of all authors: 10
[article]
Lit.: 88
[OV 110 Metallurgic and mining sciences - OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 2381 - ŠO 1420 - ŠO 1160]
Journal Indicator:
IF: 9.5 - 2024
SNIP: 1,335 - 2024
SJR: 2,462 - 2024
CiteScore: 16,7 - 2024
AIS: 1.784 - 2024
Quartile Q:
2024, AIS - Chemistry, physical - ; **2024, AIS** - Energy & fuels - ; **2024, AIS** - Materials science, multidisciplinary - ; **2024, JCI** - Chemistry, physical - ; **2024, JCI** - Energy & fuels - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JIF** - Chemistry, physical - ; **2024, JIF** - Energy & fuels - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Materials science (miscellaneous) - ; **2024, Scimago** - Renewable energy, sustainability and the environment -

V3_391 / Kvandová, Miroslava (Author of correspondence) (12%) - Zemančíková, A. (Author) (11%) - Berényiová, Andrea (Author) (11%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (11%) - Török, J. (Author) (11%) - Vysoká, Z. (Author) (11%) - Maníková, Mária (Author) (11%) - Bališ, Peter (Author) (11%) - Púzserová, Angelika (Author) (11%): **Pohlavné špecifické mechanizmy kardiovaskulárnej ochrany pri metabolickom sydróme: úloha AMPK** = Sex-specific mechanisms of cardiovascular protection in metabolic syndrome: the role of AMPK. – text. – [reviewed]. – SCO.
In: *Cardiology letters* [printed document] [electronic document] . – Bratislava (Slovakia) : Slovenská kardiologická spoločnosť. – ISSN 1338-3655. – ISSN (online) 1338-3760. – Roč. 34, č. 5-6 (2025), s. 308-309 [printed form] [online]
Kongres Slovenskej kardiologickej spoločnosti, 30 [Šamorín, Slovakia, 08.10.2025-10.10.2025]
Number of all authors: 9
[abstract from event - AR]
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 5618 - ŠO 1160]
Journal Indicator:
SNIP: 0,059 - 2024
SJR: 0,113 - 2024
CiteScore: 0,2 - 2024
Quartile Q:
2024, Scimago - Cardiology and cardiovascular medicine -

V3_392 / Kvandová, Miroslava (Author of correspondence) (5.888%) - Zemančíková, Anna (Author) (5.882%) - Berényiová, Andrea (Author) (5.882%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (5.882%) - Magyarová, Silvia (Author) (5.882%) - Mičurová, Andrea (Author) (5.882%) - Török, Jozef (Author) (5.882%) - Grman, Marián (Author) (5.882%) - Tomášová, Lenka (Author) (5.882%) - Mišák, Anton (Author) (5.882%) - Vysoká, Z. (Author) (5.882%) - Maníková, Martina (Author) (5.882%) - Zvarík, Milan (Author) [UKOMFKJFB] (5.882%) - Mydla, Patrick (Author) [Internal PhD student] [UKOMFKJFB] (5.882%) - Vlkovičová, Jana (Author) (5.882%) - Bališ, Peter (Author) (5.882%) - Púzserová, Angelika (Author) (5.882%): **Sex-specific cardiovascular protection in developing metabolic syndrome: The role of AMPK**. – text, graphs. – [reviewed]. – DOI 10.3390/antiox14070843. – SCO ; WOS CC ; SCIE ; OA.
In: *Antioxidants* [electronic document] . – Bazilej (Switzerland) : Multidisciplinary Digital Publishing Institute. – ISSN (online) 2076-3921. – Roč. 14, č. 7 (2025), art. no. 843, s. [1-26] [online]
Number of all authors: 17
[article]
Lit.: 49
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]
Journal Indicator:
IF: 6.6 - 2024
SNIP: 1,493 - 2024
SJR: 1,484 - 2024
CiteScore: 12,4 - 2024
AIS: 1.189 - 2024
Quartile Q:
2024, AIS - Biochemistry & molecular biology - ; **2024, AIS** - Chemistry, medicinal - ; **2024, AIS** - Food science & technology - ; **2024, JCI** - Biochemistry & molecular biology - ; **2024, JCI** - Chemistry, medicinal - ; **2024, JCI** - Food science & technology - ; **2024, JIF** - Biochemistry & molecular biology - ; **2024, JIF** - Chemistry, medicinal - ; **2024, JIF** - Food science & technology - ; **2024, Scimago** - Biochemistry - ; **2024, Scimago** - Cell biology - ; **2024, Scimago** - Clinical biochemistry - ; **2024, Scimago** - Food science - ; **2024, Scimago** - Molecular biology - ; **2024, Scimago** - Physiology -

V3_393 / Zhang, Huichao (Author) (13%) - Dalladay-Simpson, Philip (Author) (12%) - Capitani, Francesco (Author) (12%) - Ji, Cheng (Author) (12%) - Zhang, Li (Author) (12%) - Santoro, Mario (Author) (12%) - Gorelli, Federico Aiace (Author) (12%) - Martoňák, Roman (Author) [UKOMFKEF] (15%): **Crystalline polymeric phases of sulphur dioxide.**. – text, graphs. – [reviewed]. – DOI 10.1038/s42004-025-01757-y. – MEDLINE® ; OA.
In: *Communications chemistry* [electronic document] . – [London] (United Kingdom) : Springer Nature. – ISSN (online) 2399-3669. – Roč. 8, č. 1 (2025), art. no. 374, s. [1-9] [online]
Number of all authors: 8
[article]
Lit.: 66
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.2 - 2024
SNIP: 1,28 - 2024
SJR: 1,485 - 2024
CiteScore: 7,5 - 2024
AIS: 1.570 - 2024
Quartile Q:
2024, AIS - Chemistry, multidisciplinary - ; **2024, JCI** - Chemistry, multidisciplinary - ; **2024, JIF** - Chemistry, multidisciplinary - ; **2024, Scimago** - Biochemistry - ; **2024, Scimago** - Chemistry (miscellaneous) - ; **2024, Scimago** - Environmental chemistry - ; **2024, Scimago** - Materials chemistry -

V3_394 / Zhang, J.-C. (Author) (2.728%) - Sun, B.-H. (Author) (2.702%) - Tanihata, I. (Author) (2.702%) - Terashima, S. (Author) (2.702%) - Wang, F. (Author) (2.702%) - Sitár, Branislav (Author) (2.702%): **Charge Pickup Reaction Cross Section for Neutron-Rich p-Shell Isotopes at 900 A MeV**. – text, graphs, tables. – [reviewed]. – DOI 10.1103/k9tj-jq8s. – SCO ; WOS CC ; SCIE ; CCC ; OA.
In: *Physical Review X* [electronic document] . – College Park (United States) : American Institute of Physics. American Physical Society. – ISSN (online) 2160-3308. – Roč. 15, č. 3 (2025), art. no. 031004, s. 1-9 [online]
Number of all authors: 37
[article]
Lit.: 28
[OV 091 Physics]

[ŠO 1160]
Journal Indicator:
IF: 15.7 - 2024
SNIP: 3,714 - 2024
SJR: 6,415 - 2024
CiteScore: 25,7 - 2024
AIS: 6.200 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

V3_395 / Zhang, Zhanhao (Author) (16.67%) - Zabaikina, Iryna (Author) [UKOMFKMANM] (16.666%) - Nieto, Cesar (Author) (16.666%) - Vahdat, Zahra (Author) (16.666%) - Bokes, Pavol (Author) [UKOMFKAMS] (16.666%) - Singh, Abhyudai (Author) (16.666%): **Stochastic gene expression in proliferating cells: Differing noise intensity in single-cell and population perspectives**. – text, pictures (illustration). – [reviewed]. – DOI 10.1371/journal.pcbi.1013014. – WOS CC ; SCO ; SCIE ; OA.
In: *PLOS Computational Biology* [printed document] [electronic document] . – San Francisco (United States) : Public Library of Science. – ISSN 1553-7358. – ISSN (online) 1553-734X. – Roč. 21, č. 6 (2025), art. no. e1013014, s. 1-24 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 132
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 3.6 - 2024
SNIP: 1,137 - 2024
SJR: 1,503 - 2024
CiteScore: 7,2 - 2024
Nordic List: 2 - 2024
AIS: 1.744 - 2024
Quartile Q:
2024, AIS - Biochemical research methods - ; **2024, AIS** - Mathematical & computational biology - ; **2024, JCI** - Biochemical research methods - ; **2024, JCI** - Mathematical & computational biology - ; **2024, JIF** - Biochemical research methods - ; **2024, JIF** - Mathematical & computational biology - ; **2024, Scimago** - Cellular and molecular neuroscience - ; **2024, Scimago** - Computational theory and mathematics - ; **2024, Scimago** - Ecology - ; **2024, Scimago** - Ecology, evolution, behavior and systematics - ; **2024, Scimago** - Genetics - ; **2024, Scimago** - Modeling and simulation - ; **2024, Scimago** - Molecular biology -

V3_396 / Zheng, Jianbin (Author) (14.29%) - Monfort, Olivier (Author) [UKOPRCAG] (14.285%) - Xu, Jiaying (Author) (14.285%) - Shan, Yuang (Author) (14.285%) - Ding, Qing (Author) (14.285%) - Wu, Yanlin (Author) (14.285%) - Dong, Wenbo (Author) (14.285%): **A novel CuS/persulfate/ percarbonate dual-oxidant process for synergistic degradation of BPA** : Crucial role of CO32-. – text, graphs. – [reviewed]. – DOI 10.1016/j.psep.2025.107116. – CCC ; SCO ; WOS CC ; SCIE.
In: *Process Safety and Environmental Protection* [printed document] [electronic document] : Official Journal of the European Federation of Chemical Engineering: Part B. – London (United Kingdom) : Institution of Chemical Engineers. – ISSN 0957-5820. – ISSN (online) 1744-3598. – č. 198 (2025), art. no. 107116, s. [1-9] [printed form] [online]
Number of all authors: 7
[article]
Lit.: 51
[OV 091 Physics - OV 120 Chemistry, chemical technology and biotechnology]
[ŠO 1160 - ŠO 1420]
Journal Indicator:
IF: 7.8 - 2024
SNIP: 1,709 - 2024
SJR: 1,473 - 2024
CiteScore: 12,5 - 2024
AIS: 1.071 - 2024
Quartile Q:
2024, AIS - Engineering, chemical - ; **2024, AIS** - Engineering, environmental - ; **2024, JCI** - Engineering, chemical - ; **2024, JCI** - Engineering, environmental - ; **2024, JIF** - Engineering, chemical - ; **2024, JIF** - Engineering, environmental - ; **2024, Scimago** - Chemical engineering (miscellaneous) - ; **2024, Scimago** -

Environmental chemistry - ; **2024, Scimago** - Environmental engineering - ; **2024, Scimago** - Safety, risk, reliability and quality -

V3_397 / Zine, Priyanka C. (Author) (40%) - Narwade, Vijaykiran N. (Author) (10%) - Patil, Shubham S. (Author) (10%) - Tsai, Meng-Lin (Author) (5%) - Hianik, Tibor (Author) [UKOMFKJFB] (15%) - Shirsat, Mahendra D. (Author) (20%): **Amino-functionalized graphene oxide/polyaniline nanocomposite: a versatile platform for ultrasensitive Pb2+ ion sensing**. – text. – [reviewed]. – DOI 10.1007/s42247-024-00870-3. – WOS CC ; SCO ; ESCI.
In: *Emergent materials* [printed document] [electronic document] . – Cham (Switzerland) : Springer Nature. Springer International Publishing AG. – ISSN 2522-5731. – ISSN (online) 2522-574X. – Roč. 8, č. 3 (2025), s. 2131-2142 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 57
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 4.1 - 2024
SNIP: 0,943 - 2024
SJR: 0,723 - 2024
CiteScore: 8,1 - 2024
AIS: 0.570 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, Scimago** - Biomaterials - ; **2024, Scimago** - Ceramics and composites - ; **2024, Scimago** - Renewable energy, sustainability and the environment - ; **2024, Scimago** - Waste management and disposal -

V3_398 / Ščevková, Jana (Author of correspondence) [UKOPRBO] (30%) - Žilka, Matúš (Author) [Internal PhD student] [UKOPRBO] (20%) - Dušička, Jozef (Author) (20%) - Vašková, Zuzana (Author) [Internal PhD student] [UKOPRBO] (5%) - Kováč, Jozef (Author) [UKOMFKAMS] (10%) - Zahradníková, Eva (Author) [UKOPRBO] (15%): **Environmental drivers of the allergenic load caused by Ambrosia artemisiifolia pollen and its major allergen Amb a 1 in the atmosphere**. – text, graphs, tables. – [reviewed]. – DOI 10.1007/s00484-025-02932-5. – WOS CC ; SCO ; CCC ; SCIE ; OA.
In: *International Journal of Biometeorology* [printed document] [electronic document] : the Journal of the International Society of Biometeorology. – Cham (Germany) : Springer Nature. – ISSN 0020-7128. – ISSN (online) 1432-1254. – ISSN (canceled) 0367-8253. – Roč. 69, č. 8 (2025), s. 1885-1898 [printed form]
Number of all authors: 6
[article]
Lit.: 83
[OV 130 Life sciences - OV 240 Mathematics and statistics]
[ŠO 1536 - ŠO 1113]
Journal Indicator:
IF: 2.6 - 2024
SNIP: 1,081 - 2024
SJR: 0,733 - 2024
CiteScore: 6,3 - 2024
AIS: 0.662 - 2024
Quartile Q:
2024, AIS - Biophysics - ; **2024, AIS** - Environmental sciences - ; **2024, AIS** - Meteorology & atmospheric sciences - ; **2024, AIS** - Physiology - ; **2024, JCI** - Biophysics - ; **2024, JCI** - Environmental sciences - ; **2024, JCI** - Meteorology & atmospheric sciences - ; **2024, JCI** - Physiology - ; **2024, JIF** - Biophysics - ; **2024, JIF** - Environmental sciences - ; **2024, JIF** - Meteorology & atmospheric sciences - ; **2024, JIF** - Physiology - ; **2024, Scimago** - Atmospheric science - ; **2024, Scimago** - Ecology - ; **2024, Scimago** - Health, toxicology and mutagenesis -

O1
Počet výstupov: 4

O1_001 / Sihelník, Slavomír (Compiler) (25%) - Ličková, Petra (Compiler) [UKOMFKEF] (25%) - Skácelová, Dana (Compiler) (25%) - Kováčik, Dušan (Compiler) (25%): **The 4th Plasma Nanotechnologies and Bioapplications Workshop** [printed document] [electronic document] : Scientific program & Book of Abstracts. – 1. vyd. – Brno (Czech Republic) : Masarykova univerzita. Masaryk University Press, 2025. – 101 s. [printed form]

[online] : text, graphs, tables, pictures (illustration). – ISBN 978-80-280-0780-5. – ISBN (online) 978-80-280-0781-2
Plasma Nanotechnologies and Bioapplications Workshop 2025, 4 [Češkovice, Czech Republic, 20.10.2025-23.10.2025]
[proceedings - professional]
[OV 091 Physics]
[ŠO 1160]

O1_002 / Slavíčková, Mária (Compiler) [UKOMFKDMFI] (100%): **Dva dni s didaktikou matematiky 2025** [electronic document] : zborník príspevkov. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – 121 s. [online] : text, graphs, tables, pictures (illustration). – ISBN (online) 978-80-8147-164-3
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
[proceedings - professional]
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O1_003 / Megersa, Gadisa Deme (Compiler) (20%) - Maťaš, Emanuel (Compiler) [Internal PhD student] [UKOMFKEF] (20%) - Országh, Juraj (Compiler) [UKOMFKEF] (20%) - Papp, Peter (Compiler) [UKOMFKEF] (20%) - Matejčík, Štefan (Compiler) [UKOMFKEF] (20%): **25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing** [electronic document] : Book of Contributed Papers. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – 274 s. [online] : text. – ISBN (online) 978-80-972179-5-2
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
[proceedings - professional]
[OV 091 Physics]
[ŠO 1160]

O1_004 / Moczo, Peter (Author) [UKOMFKAFZM] (20%) - Rutšeková, Eva (Author) (20%) - Kristek, Jozef (Author) [UKOMFKAFZM] (20%) - Gális, Martin (Author) [UKOMFKAFZM] (20%) - Kristeková, Miriam (Author) [UKOMFKAFZM] (20%) - Bard, Pierre-Yves (Reviewer) - Bouchon, Michel (Reviewer) - Čadek, Ondřej (Reviewer) - Hammerl, Christa (Reviewer) - Holec, Roman (Reviewer) - Markoš, Peter (Reviewer) - Pavlík, Ján (Reviewer) : **Zemětřesení** [printed document] [electronic document] : Tragické výzvy v dějinách . – 2. aktual. vyd. – Praha (Czech Republic) : Grada Publishing, 2025. – 272 s. [printed form] [online] : text, pictures (illustration). – ISBN 978-80-271-5574-3. – ISBN (online) 978-80-271-8026-4. – ISBN (online) 978-80-271-8027-1
Number of all authors: 5
[book publication - professional]
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1217 - ŠO 1160]

O2
Počet výstupov: 236

O2_001 / Kaizer, Jakub (Author of correspondence) [UKOMFKJFB] (100%): **Distribution of 3H and 14C in the Pacific Ocean and its connection with climate change**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 210-210 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_002 / ISOLDE Decay Station [Author corporation] ; IS665 Collaboration [Author corporation] ; Mišt, Jozef (Author of correspondence) (100%): **Investigation of coexisting structures in 182Pt via detailed β-decay studies of 182Au**. – text.

In: *ISOLDE Workshop and Users meeting 2025* [printed document] [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Ženeva (Switzerland) : CERN : European Organization for Nuclear Research, 2025, s. 53-54 [online]
ISOLDE Workshop and Users meeting 2025 [Ženeva, Switzerland, 03.12.2025-05.12.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

O2_003 / ISOLDE Decay Station [Author corporation] ; Bara, Silvia (Author of correspondence) (2.099%) - Algora, Alejandro (Author) (2.083%) - Andel, Boris (Author) [UKOMFKJFB] (2.083%) - Andreyev, Andrei N. (Author) (2.083%) - Antalic, Stanislav (Author) [UKOMFKJFB] (2.083%) - Mišt, Jozef (Author) (2.083%) - Sitarčík, Adam (Author) (2.083%): **Experimental and theoretical studies of β-delayed fission**. – text.
In: *ISOLDE Workshop and Users meeting 2025* [printed document] [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Ženeva (Switzerland) : CERN : European Organization for Nuclear Research, 2025, s. 61-62 [online]
ISOLDE Workshop and Users meeting 2025 [Ženeva, Switzerland, 03.12.2025-05.12.2025]
Number of all authors: 48
[abstract from event - PP]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

O2_004 / UKAEA RACE Team [Author corporation] ; Almaviva, Salvatore (Author) (4.366%) - Likonen, Jari (Author) (4.347%) - Hakola, Antti H. (Author) (4.347%) - Karhunen, Juuso (Author) (4.347%) - Brezinsek, Sebastijan (Author) (4.347%) - Sergienko, Gennady V. (Author) (4.347%) - Rayaprolu, Rahul (Author) (4.347%) - Yi, Rongxing (Author) (4.347%) - Dittmar, Timo (Author) (4.347%) - Kawan, Christoph (Author) (4.347%) - Sackers, Marc (Author) (4.347%) - Wüst, Erik (Author) (4.347%) - Widdowson, Anna (Author) (4.347%) - Jepu, Ionut (Author) (4.347%) - Veis, Pavel (Author) [UKOMFKEF] (4.347%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (4.347%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (4.347%) - Gasior, Pawel (Author) (4.347%) - Gromelski, Wojciech (Author) (4.347%) - Butikova, Jelena (Author) (4.347%) - Jogi, Indrek (Author) (4.347%) - Paris, Peeter (Author) (4.347%) - Ristkok, Jasper (Author) (4.347%): **Chemical analysis by Laser Induced Breakdown Spectroscopy of the poloidal cross-section of the JET divertor after its last D-T experimental campaign**. – text.
In: *20th International Conference on Plasma-Facing Materials and Components for Fusion Applications* [electronic document] : Book of Abstracts / Markelj, Sabina [Compiler] ; Jenuš, Petra [Compiler] ; Bučar, Klemen [Compiler]. – 1. vyd. – Ľubľana (Slovenia) : Jožef Stefan Institute, 2025. – ISBN (online) 978-961-264-316-4, s. 46-46 [online]
Plasma-Facing Materials and Components for Fusion Applications 2025, 20 [Ľubľana, Slovenia, 19.05.2025-23.05.2025]
Number of all authors: 23
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

O2_005 / Andelová, Natália (Author) (30%) - Janko, Dávid (Author) [Internal PhD student - external training center] [UKOPRBZF] (20%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Zvarík, Milan (Author) [UKOMFKJFB] (10%) - Talian, Ivan (Author) [UPS51050] (10%) - Ferko, M. (Author) (20%): **Kardioprotektívna remodelácia mitochondrií: dôkazy z proteomického mapovania dýchacieho reťazca pri zníženej utilizácii kyslíka**. – text.
In: *52. pracovná konferencia Komisie experimentálnej kardiológie* [printed document] : Zborník abstraktov / [bez zostavovateľa] [Compiler]. – 1. vyd. – Banská Bystrica (Slovakia) : Občianske združenie Preveda, 2025. – ISBN 978-80-974608-5-3, s. [3-3] [printed form]
Pracovná konferencia Komisie experimentálnej kardiológie, 52 [Pezinok, Slovakia, 15.10.2025-17.10.2025]
Number of all authors: 6
[abstract from event - PP]
[OV 130 Life sciences - OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1536 - ŠO 1160 - ŠO 5141]

O2_006 / Azhniuk, Yuriy (Author) (11.112%) - Yukhymchuk, Volodymyr (Author) (11.111%) - Pogodin, Artem I. (Author) (11.111%) - Filep, Mykhailo (Author) (11.111%) - Lopushansky, Vasyl (Author) (11.111%) - Izai, Vitalii (Author) [UKOMFCENAM] (11.111%) - Kryshenik, Volodymyr (Author) (11.111%) - Voynarovych, Ivan (Author) (11.111%) - Gomonnai, Alexander V. (Author) (11.111%): **Strukturne i spektroskopične doslidžennja fotoindukovanych peretvoreň u sklach systemy Ag-As-S**. – text.
In: *10 Ukrajinska naukova konferencija z fizyky napivprovidnykiv* [printed document] : tezy dopovidej / [bez zostavovateľa] [Compiler]. – 1. vyd. – Užhorod (Ukraine) : Užgorodskij nacionalnij universitet, 2025. – ISBN 978-617-8390-92-1, s. 266-267 [printed form]
Ukrajinska naukova konferencija z fizyky napivprovidnykiv, 10 [Užhorod, Ukraine, 26.05.2025-30.05.2025]
Number of all authors: 9
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_007 / Babinec, Peter (Author) [UKOMFKJFB] (50%) - Babincová, Melánia (Author) [UKOMFKJFB] (50%): **Design of a Cuvette for Combined Magnetic Cell Separation and Transfection**. – text.
In: *International Symposium on Current Developments in Science, Technology and Social Sciences* [electronic document] : Proceedings Book / Sahin, Ethem İlhan [Compiler] ; Kidiryuz, Merve [Compiler]. – 1. vyd. – New York (United States) : Liberty Publishing House, 2025. – ISBN (online) 979-8-89695-302-9, s. 1064-1065 [online]
International Biltek Congress on Current Developments in Science, Technology and Social Sciences, 13 [Paríž, France, 18.12.2025-21.12.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_008 / Babucic, Neda (Author) (14.29%) - Selakovic, Nenad (Author) (14.285%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (14.285%) - Janda, Mário (Author) [UKOMFKAFZM] (14.285%) - Jovanovic, Olivera (Author) (14.285%) - Puač, Nevena (Author) (14.285%) - Škoro, Nikola (Author) (14.285%): **Mass Spectrometry of Dielectric Barier Discharge with Water Electrode**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 251-256 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 7
[contribution from event]
Lit.: 11
[OV 091 Physics]
[ŠO 1160]

O2_009 / Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (15%) - Poláčková, Magdaléna (Author) [Internal PhD student] [UKOMFCENAM] (15%) - Zhytlukhina, Olena S. (Author) [UKOMFCENAM] (10%) - Grančič, Branislav (Author) [UKOMFCENAM] (10%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Ďurina, Pavol (Author) [UKOMFCENAM] (10%) - Gregor, Maroš (Author) [UKOMFCENAM] (10%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (10%) - Seidel, Paul (Author) (10%): **Mesoscopic S/F/S trilayers in parallel magnetic fields**. – text.
In: *EUCAS 2025* [electronic document] : 17th European Conference on Applied Superconductivity, 21-25 September 2025, Porto / [bez zostavovateľa] [Compiler]. – 1. vyd. – Porto (Portugal) : [s.n.], 2025, s. 14-14 [online]
European Conference on Applied Superconductivity, 17 [Porto, Portugal, 21.09.2025-25.09.2025]
Number of all authors: 9
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_010 / Ješkovský, Miroslav (Author of correspondence) [UKOMFKJFB] (20%) - Bobáľ, Boris (Author) [Internal PhD student] [UKOMFKJFB] (20%) - Kaizer, Jakub (Author) [UKOMFKJFB] (20%) - Kontuľ, Ivan (Author)

[UKOMFKJFB] (20%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (20%): **Progress in the determination of 10Be using Accelerator Mass Spectrometry in the CENTA laboratory**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 198-198 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_011 / Bobáľ, Boris (Author) [Internal PhD student] [UKOMFKJFB] (50%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (10%) - Kaizer, Jakub (Author) [UKOMFKJFB] (10%) - Zeman, Jakub (Author) [UKOMFKJFB] (10%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (10%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (10%): **Determination of Biogenic Carbon Fraction in Liquid Fuels by Accelerator Mass Spectrometry**. – text.
In: *MatFyz Connections 2025* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. 19-20 [online]
MatFyz Connections 2025, 2 [Bratislava, Slovakia, 26.11.2025]
Number of all authors: 6
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_012 / Böhm, Radoslav (Author) [UKOMFKJFB] (100%): **Radón pod lupou mikrodozimetrie: od rizika rakoviny po chronickú obštrukciu pľúc**. – text.
In: *46. Dni radiačnej ochrany 2025* [electronic document] : zborník abstraktov / Kubančák, Ján [Compiler] ; Smetanová, Iveta [Compiler] ; Gomola, Igor [Compiler]. – 1. vyd. – Trnava (Slovakia) : Slovenská nukleárna spoločnosť, 2025. – ISBN (online) 978-80-89928-07-1, s. 56-56 [online]
Dni radiačnej ochrany 2025, 46 [Poprad, Slovakia, 09.11.2025-13.11.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5141]

O2_013 / Böhm, Radoslav (Author) [UKOMFKJFB] (80%) - Eckertová, Terézia (Author) [UKOMFKJFB] (20%): **Vplyv fajčenia na radiačnú záťaž pľúc z radónu v pobytových priestoroch**. – text.
In: *46. Dni radiačnej ochrany 2025* [electronic document] : zborník abstraktov / Kubančák, Ján [Compiler] ; Smetanová, Iveta [Compiler] ; Gomola, Igor [Compiler]. – 1. vyd. – Trnava (Slovakia) : Slovenská nukleárna spoločnosť, 2025. – ISBN (online) 978-80-89928-07-1, s. 69-69 [online]
Dni radiačnej ochrany 2025, 46 [Poprad, Slovakia, 09.11.2025-13.11.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5141]

O2_014 / Böhm, Radoslav (Author) [UKOMFKJFB] (80%) - Bulko, Martin (Author) [UKOMFKJFB] (10%) - Eckertová, Terézia (Author) [UKOMFKJFB] (10%): **Radiosensitivity of lung tissue cells to radon decay products**. – text.
In: *International Conference on Radiation Applications (RAP 2025)* [electronic document] : Book of Abstracts / Jakšić, Alexandar [Compiler] ; Karamarković, Jugoslav [Compiler] ; Tsabaris, Christos [Compiler]. – 1. vyd. – Niš (Serbia) : Sievert Association, 2025. – ISBN (online) 978-86-81652-07-7, s. 83-83 [printed form] [online]
International Conference on Radiation Applications 2025 [Gournes-Heraklion, Greece, 26.05.2025-30.05.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_015 / Böhm, Radoslav (Author) [UKOMFKJFB] (33.334%) - Bulko, Martin (Author) [UKOMFKJFB] (33.333%) - Brandýsová, Alžbeta (Author) (33.333%): **Assessment of indoor radon risk as a function of smoking-induced morphometric changes**. – text.
In: *International Conference on Radiation Applications (RAP 2025)* [electronic document] : Book of Abstracts / Jakšić, Alexandar [Compiler] ; Karamarković, Jugoslav [Compiler] ; Tsabaris, Christos [Compiler]. – 1. vyd. – Niš (Serbia) : Sievert Association, 2025. – ISBN (online) 978-86-81652-07-7, s. 84-84 [printed form] [online]
International Conference on Radiation Applications 2025 [Gournes-Heraklion, Greece, 26.05.2025-30.05.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_016 / Brandýsová, Alžbeta (Author) (25%) - Bulko, Martin (Author) [UKOMFKJFB] (25%) - Müllerová, Monika (Author) (25%) - Masarik, Jozef (Author) [UKOMFKJFB] (25%): **Geospatial analysis of radon exposure in Slovakia** : Insights from radon potential maps. – text.
In: *International Conference on Radiation Applications (RAP 2025)* [electronic document] : Book of Abstracts / Jakšić, Alexandar [Compiler] ; Karamarković, Jugoslav [Compiler] ; Tsabaris, Christos [Compiler]. – 1. vyd. – Niš (Serbia) : Sievert Association, 2025. – ISBN (online) 978-86-81652-07-7, s. 75-75 [printed form] [online]
International Conference on Radiation Applications 2025 [Gournes-Heraklion, Greece, 26.05.2025-30.05.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_017 / Masarik, Jozef (Author of correspondence) [UKOMFKJFB] (50%) - Breier, Róbert (Author) [UKOMFKJFB] (50%): **Geant4 simulation of geomagnetic field**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 216-216 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_018 / Breier, Róbert (Author) [UKOMFKJFB] (50%) - Masarik, Jozef (Author) [UKOMFKJFB] (50%): **Simulation of particle fluxes and cosmogenic nuclide production in the earth's atmosphere revisited**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 215-215 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_019 / Sultani, Mohammad Alem (Author of correspondence) [Internal PhD student] [UKOMFKJFB] (30%) - Bulko, Martin (Author) [UKOMFKJFB] (25%) - Helej, Markus (Author) (20%) - Sýkora, Ivan (Author) [UKOMFKJFB] (10%) - Eckertová, Terézia (Author) [UKOMFKJFB] (5%) - Müllerová, Monika (Author) (5%) - Masarik, Jozef (Author) [UKOMFKJFB] (5%): **Estimating the contribution of anthropogenic fine particulate matter to urban air pollution using radon and its progeny measurements**. – text. – DOI 10.21175/rad.abstr.book.2025.43.3.
In: *RAD conference* [electronic document] : Thirteenth International Conference on Radiation, Natural Sciences, Medicine, Engineering, Technology and Ecology (RAD 2025) : book of abstracts / Ristic, Goran S. [Compiler]. – 1. vyd. – Niš (Serbia) : RAD Centre, 2025. – ISBN (online) 978-86-901150-8-2, s. 246-246 [CD-ROM] [online]
International Conference on Radiation, Natural Sciences, Medicine, Engineering, Technology and Ecology 2025, 13

[Herceg Novi, Montenegro, 16.06.2025-20.06.2025]
Number of all authors: 7
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_020 / Eckertová, Terézia (Author of correspondence) [UKOMFKJFB] (60%) - Bulko, Martin (Author) [UKOMFKJFB] (15%) - Müllerová, Monika (Author) (15%) - Sultani, Mohammad Alem (Author) (5%) - Masarik, Jozef (Author) [UKOMFKJFB] (5%): **Different models for calculation of 222Rn flux and validation with experimental data in Bratislava, Slovakia**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 87-87 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 5
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_021 / Brandýsová, Alžbeta (Author of correspondence) (40%) - Bulko, Martin (Author) [UKOMFKJFB] (30%) - Müllerová, Monika (Author) (10%) - Eckertová, Terézia (Author) [UKOMFKJFB] (10%) - Sultani, Mohammad Alem (Author) (5%) - Masarik, Jozef (Author) [UKOMFKJFB] (5%): **Radon flux maps for the Slovak Republic based on several approaches and their experimental verification**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 88-88 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 6
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_022 / Hodorová, Viktória (Author of correspondence) [UKOPRCBI] (30%) - Cillingová, Andrea (Author) [UKOPRCBI] (5%) - Lichancová, Hana (Author) (5%) - Mutalová, Sofia (Author) [Internal PhD student] [UKOPRCBI] (10%) - Sepšiová, Regina (Author) [UKOPRBGE] (10%) - Brejová, Bronislava (Author) [UKOMFKI] (15%) - Vinař, Tomáš (Author) [UKOMFKAI] (15%) - Nosek, Jozef (Author) [UKOPRCBI] (10%): **Telomere maintenance in telomerase-negative survivors of Candida parapsilosis**. – text.
In: *32nd International Conference on Yeast Genetics and Molecular Biology* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Paríž (France) : Sorbonne Université, 2025, s. 139-139 [online]
International Conference on Yeast Genetics and Molecular Biology 2025, 32 [Paríž, France, 21.07.2025-24.07.2025]
Number of all authors: 8
[abstract from event - PP]
Lit.: 2
[OV 120 Chemistry, chemical technology and biotechnology - OV 130 Life sciences - OV 160 Information sciences, automation and telecommunications]
[ŠO 1420 - ŠO 1536 - ŠO 2508]

O2_023 / Cimerman, Richard (Author) [UKOMFKAFZM] (20%) - Roubíček, Jakub (Author) (20%) - Kšanová, Jana (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (20%) - Hensel, Karol (Author) [UKOMFKAFZM] (20%): **Plasma-Catalytic Gas Treatment: The Role of Pellet-Shaped Material in Packed-Bed DBD Reactors**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 118-119 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 5

[contribution from event]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_024 / Cingel, Valter (Author) (50%) - Jajcay, Robert (Author) [UKOMFKAG] (50%): **Uniform routings of shortest paths in graphs with large automorphism groups**. – text.
In: *10th Cracow Conference on Graph Theory* [electronic document] : Book of abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakow (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 16-16 [online]
Cracow Conference on Graph Theory, 10 [Krakow, Poland, 22.09.2025-26.09.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 2
[OV 240 Mathematics and statistics]
[ŠO 1113]

O2_025 / Cvičela, Ondrej (Author) (33.334%) - Moravský, Ladislav (Author) [UKOMFKEF] (33.333%) - Matejčík, Štefan (Author) [UKOMFKEF] (33.333%): **Design and Construction of an Ion Mobility Spectrometer Based on Electrospray**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 266-269 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

O2_026 / Čechová, Katarína (Author) [UKOMFKJFB] (30%) - Štibrániová, Iveta (Author) (20%) - Gálfiová, Paulína (Author) (10%) - Balcerzak, Lucja (Author) (10%) - Klbik, Ivan (Author) (10%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Šikurová, Libuša (Author) [UKOMFKJFB] (10%): **Impact of DMSO Concentrations on Cell Death Markers and Viability in Cryopreserved Human Keratinocytes**. – text. – DOI 10.18462/iir.cryo.2025.0023.
In: *The 18th CRYOGENICS 2025* [electronic document] : IIR International Conference : Proceedings / Aščić, David [Compiler] ; Chrz, Václav [Compiler] ; Gregor, Jiří [Compiler] ; Haberstroh, Christoph [Compiler]. – 1. vyd. – Praha (Czech Republic) : ICCEX s.r.o., 2025. – ISBN (online) 978-2-36215-053-1. – ISSN 0151-1637, s. 352-358 [online]
CRYOGENICS 2025, 18 [Praha, Czech Republic, 07.04.2025-11.04.2025]
Number of all authors: 7
[contribution from event]
Lit.: 22
[OV 091 Physics]
[ŠO 1160]

O2_027 / Čermák, Peter (Author) [UKOMFKEF] (50%) - Cacciani, Patrice (Author) (50%): **Accurate Reference Data for Monitoring of Ammonia**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 237-238 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 5

[OV 091 Physics]
[ŠO 1160]

O2_028 / Damborská, Ingrid (Author) [UKOMFKAFZM] (100%): **Evapotranspiration and climatic irrigation index in Slovakia in 1951–2021**. – text.
In: *Posterový deň SMS 2025* [electronic document] : Interakcia zložiek krajinnej sféry v meniacej sa klíme 21. storočia / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská meteorologická spoločnosť, 2025. – ISBN (online) 978-80-973051-3-0, s. 11-11 [online]
Posterový deň SMS 2025, 2 [Bratislava, Slovakia, 13.02.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

O2_029 / Daniel, Dušan (Author) [Internal PhD student] [UKOMFKDMFI] (100%): **Poučenia z prvej etapy validácie testu algebrického myslenia**. – text, graphs, pictures (illustration).
In: *Dva dny s didaktikou matematiky 2025* [electronic document] : sborník příspěvků / Vondrová, Naďa [Compiler]. – 1. vyd. – Praha (Czech Republic) : Univerzita Karlova v Praze. Pedagogická fakulta, 2025. – ISBN (online) 978-80-7603-642-0, s. 25-34 [online]
Dva dny s didaktikou matematiky 2025, 29 [Praha, Czech Republic, 13.02.2025-14.02.2025]
Number of all authors: 1
[contribution from event]
Lit.: 17
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_030 / Daniel, Dušan (Author) [Internal PhD student] [UKOMFKDMFI] (100%): **Čo je algebrické myslenie a prečo je dôležité ho rozvíjať?**. – text, graphs, tables, pictures (illustration).
In: *Dva dni s didaktikou matematiky 2025* [electronic document] : zborník príspevkov / Slavíčková, Mária [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – ISBN (online) 978-80-8147-164-3, s. 24-35 [online]
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 25
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_031 / Daniel, Dušan (Author) [Internal PhD student] [UKOMFKDMFI] (25%) - Dillingerová, Monika (Author) [UKOMFKDMFI] (25%) - Havlíčková, Jana (Author) [UKOMFKDMFI] (25%) - Miťková, Emília (Author) [UKOMFKDMFI] (25%): **Leto s WILMOU 2025**. – text, pictures (illustration).
In: *Dva dni s didaktikou matematiky 2025* [electronic document] : zborník príspevkov / Slavíčková, Mária [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – ISBN (online) 978-80-8147-164-3, s. 36-41 [online]
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
Number of all authors: 4
[contribution from event]
Lit.: 1
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_032 / Machala, Zdenko (Author of correspondence) [UKOMFKAFZM] (30%) - Destrieux, Alex Jean Andre (Author) [UKOMFKAFZM] (30%) - Vazquez, Thomas (Author) (20%) - Lavrikova, Aleksandra (Author) (20%): **Purification of indoor air by non-thermal DBD plasma combined with photocatalysis**. – text.
In: *Asian-European International Conference on Plasma Surface Engineerin* [electronic document] : Program Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Phuket (Thailand) : Thailand Electroplating Industrial Network Association, 2025, s. [1-1] [online]
Asian-European International Conference on Plasma Surface Engineering, 14 [Phuket, Thailand,

02.11.2025-06.11.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_033 / Destrieux, Alex Jean Andre (Author) [UKOMFKAFZM] (16.67%) - Vazquez, Thomas (Author) (16.666%) - Lavrikova, Aleksandra (Author) (16.666%) - Wiedermann, Dalimír (Author) (16.666%) - Babic, Ján (Author) (16.666%) - Machala, Zdenko (Author) [UKOMFKAFZM] (16.666%): **Large scale air decontamination system using dielectric barrier discharge combined with UV activated TiO2**. – text, pictures (illustration).
In: *The 4th Plasma Nanotechnologies and Bioapplications Workshop* [printed document] [electronic document] : Scientific program & Book of Abstracts / Sihelník, Slavomír [Compiler] ; Ličková, Petra [Compiler] ; Skácelová, Dana [Compiler] ; Kováčik, Dušan [Compiler]. – 1. vyd. – Brno (Czech Republic) : Masarykova univerzita. Masaryk University Press, 2025. – ISBN 978-80-280-0780-5. – ISBN (online) 978-80-280-0781-2, s. 80-81 [printed form] [online]
Plasma Nanotechnologies and Bioapplications Workshop 2025, 4 [Češkovice, Czech Republic, 20.10.2025-23.10.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_034 / Ďurčányová, Sandra (Author) [Internal PhD student] [UKOMFKEF] (60%) - Stano, Michal (Author) [UKOMFKEF] (10%) - Beigi, Pedram Ghourchi (Author) (10%) - Kováčik, Dušan (Author) [Part-time] [UKOMFKEF] (20%): **Atmospheric Pressure Plasma Polymerization for Functional Coating Applications**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 132-133 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 4
[contribution from event]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

O2_035 / Ďurikovič, Roman (Author) [UKOMFKAI] (50%) - Kica, Róbert (Author) (5%) - Mihálik, Andrej (Author) [UKOMFKAI] (45%): **Real-time rendering of glittery materials: Photorealistic visualizations for interactive applications**. – text.
In: *Applied Natural Sciences 2025* [electronic document] : Book of Abstracts / Valica, Martin [Compiler] ; Ondrejovič Chmelová, Daniela [Reviewer] ; Turisová, Ingrid [Reviewer]. – 1. vyd. – Trnava (Slovakia) : Univerzita sv. Cyrila a Metoda v Trnave, 2025. – ISBN 978-80-572-0542-5, s. 11-11 [online]
Applied Natural Sciences 2025, 9 [Štrbské Pleso, Slovakia, 17.09.2025-19.09.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_036 / Eckertová, Terézia (Author) [UKOMFKJFB] (70%) - Böhm, Radoslav (Author) [UKOMFKJFB] (10%) - Müllerová, Monika (Author) [UKOMFKJFB] (10%) - Řezanka, Tomáš (Author) (10%): **Radón v slovenských prameňoch - odozva mikroorganizmov na radiačný stres**. – text.
In: *46. Dni radiačnej ochrany 2025* [electronic document] : zborník abstraktov / Kubančák, Ján [Compiler] ; Smetanová, Iveta [Compiler] ; Gomola, Igor [Compiler]. – 1. vyd. – Trnava (Slovakia) : Slovenská nukleárna spoločnosť, 2025. – ISBN (online) 978-80-89928-07-1, s. 58-58 [online]
Dni radiačnej ochrany 2025, 46 [Poprad, Slovakia, 09.11.2025-13.11.2025]

Number of all authors: 4
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_037 / Eckertová, Terézia (Author) [UKOMFKJFB] (50%) - Sultani, Mohammad Alem (Author) [Internal PhD student] [UKOMFKJFB] (15%) - Müllerová, Monika (Author) (15%) - Bulko, Martin (Author) [UKOMFKJFB] (15%) - Masarik, Jozef (Author) [UKOMFKJFB] (5%): **Analysis of long-term measured 222Rn and CO2 flux from the soil in the context of using radon as a tracer for the estimation of greenhouse gas emissions**. – text.
In: *International Conference on Radiation Applications (RAP 2025)* [electronic document] : Book of Abstracts / Jakšić, Alexandar [Compiler] ; Karamarković, Jugoslav [Compiler] ; Tsabaris, Christos [Compiler]. – 1. vyd. – Niš (Serbia) : Sievert Association, 2025. – ISBN (online) 978-86-81652-07-7, s. 126-126 [printed form] [online]
International Conference on Radiation Applications 2025 [Gournes-Heraklion, Greece, 26.05.2025-30.05.2025]
Number of all authors: 5
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_038 / Ťapajna, Milan (Author of correspondence) (27.2%) - Egyenes, Fridrich (Author) (9.1%) - Hrubišák, Fedor (Author) (9.1%) - Hušeková, Kristína (Author) (9.1%) - Dobročka, Edmund (Author) (9.1%) - Rosová, Alica (Author) (9.1%) - Vincze, Andrej (Author) (9.1%) - Moško, Martin (Author) [UKOMFCENAM] (9.1%) - Gucmann, Filip (Author) (9.1%): **Transport and Thermal Properties of Heteroepitaxial Ga2O3 MOSFETs Grown by Liquid-injection MOCVD**. – text.
In: *2025 IEEE 15th International Conference "Nanomaterials: Applications & Properties"* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – [Piscataway] (United States) : Institute of Electrical and Electronics Engineers, 2025, s. [269-269] [online]
International Conference “Nanomaterials: Applications & Properties” 2025, 15 [Bratislava, Slovakia, 07.09.2025-12.09.2025]
Number of all authors: 9
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_039 / Fabrici, Igor (Author) [UPS14600] (20%) - Lužar, Borut (Author) (20%) - Mačajová, Edita (Author) [UKOMFKI] (20%) - Soták, Roman (Author) [UPS14600] (20%) - Švecová, Diana (Author) [Internal PhD student] [UPS14600] (20%): **Normal edge coloring**. – text.
In: *10th Cracow Conference on Graph Theory* [electronic document] : Book of abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakow (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 108-108 [online]
Cracow Conference on Graph Theory, 10 [Krakow, Poland, 22.09.2025-26.09.2025]
Number of all authors: 5
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications - OV 240 Mathematics and statistics]
[ŠO 2508 - ŠO 1113]

O2_040 / Ferko, M. (Author) (30%) - Janko, Dávid (Author) [Internal PhD student - external training center] [UKOPRBZF] (25%) - Andelová, N. (Author) (25%) - Papežíková, S. (Author) (5%) - Ravingerová, T. (Author) (5%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%): **Metabolická flexibilita v akútnom experimentálnom diabetes mellitus: adaptácia či porucha?** : Dopad na mitochondriálnu energetickú efektivitu myokardu. – text.
In: *52. pracovná konferencia Komisie experimentálnej kardiológie* [printed document] : Zborník abstraktov / [bez zostavovateľa] [Compiler]. – 1. vyd. – Banská Bystrica (Slovakia) : Občianske združenie Preveda, 2025. – ISBN 978-80-974608-5-3, s. [7-7] [printed form]
Pracovná konferencia Komisie experimentálnej kardiológie, 52 [Pezinok, Slovakia, 15.10.2025-17.10.2025]
Number of all authors: 6
[abstract from event - PP]
[OV 130 Life sciences - OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1536 - ŠO 1160 - ŠO 5141]

O2_041 / Frnda, David (Author) (33.334%) - Šinger, Miroslav (Author) (33.333%) - Fedor, Tomáš (Author) (33.333%): **Priemyselné sneženie na Slovensku**. – text.
In: *Posterový deň SMS 2025* [electronic document] : Interakcia zložiek krajinnej sféry v meniacej sa klíme 21. storočia / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská meteorologická spoločnosť, 2025. – ISBN (online) 978-80-973051-3-0, s. 15-15 [online]
Posterový deň SMS 2025, 2 [Bratislava, Slovakia, 13.02.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_042 / Gahramanli, Sahila (Author) [Internal PhD student] [UKOMFKEF] (33.334%) - Ličková, Petra (Author) [UKOMFKEF] (33.333%) - Zahoranová, Anna (Author) [UKOMFKEF] (33.333%): **Application of DCSBD as a Low-Temperature Plasma Source for Polymer Processing**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 199-201 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_043 / Galmiz, Oleksandr (Author) [UKOMFKAFZM] (50%) - Cimerman, Richard (Author) [UKOMFKAFZM] (20%) - Janda, Mário (Author) [UKOMFKAFZM] (10%) - Selakovic, Nenad (Author) (5%) - Puač, Nevena (Author) (5%) - Machala, Zdenko (Author) [UKOMFKAFZM] (10%): **Investigation of reactive species formation in surface dielectric barrier discharge with liquid electrodes**. – text.
In: *ICPIG 2025* [electronic document] : Detailled Program - Book of abstracts / [bez zostavovateľa] [Author]. – 1.. vyd. – Marseille (France) : Aix Marseille Université, 2025, s. 240-240 [online]
International Conference on Phenomena in Ionized Gases 2025, 36 [Aix en Provence, France, 20.07.2025-25.07.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

O2_044 / Galmiz, Oleksandr (Author) [UKOMFKAFZM] (70%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (15%) - Machala, Zdenko (Author) [UKOMFKAFZM] (15%): **Investigating SDBD Plasma Treatment for Bacterial Inactivation and Biofilm Removal on Polymeric Surfaces**. – text.
In: *Scientific Program and Book of Abstracts* [electronic document] : Final Meeting PlasTHER COST Action / LeBlanc, Rachel [Compiler] ; Arcoria, Alfio Giuseppe [Compiler] ; Fornabaio, Giulia [Compiler] ; Tampieri, Francesco [Compiler] ; Canal, Cristina [Compiler] ; Aparicio, Noelia [Compiler]. – 1. vyd. – Barcelona (Spain) : Universitat Politecnica de Catalunya, 2025. – ISBN (online) 978-84-09-74169-4, s. 58-58 [online]
Final Meeting PlasTHER COST Action [Barcelona, Spain, 17.06.2025-22.06.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_045 / Galmiz, Oleksandr (Author) [UKOMFKAFZM] (45%) - Cimerman, Richard (Author) [UKOMFKAFZM] (15%) - Janda, Mário (Author) [UKOMFKAFZM] (15%) - Machala, Zdenko (Author) [UKOMFKAFZM] (25%): **Generation of Reactive Species via Surface Dielectric Barrier Discharge in Direct Contact with Water**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma*

Processing [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 110-113 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 4
[contribution from event]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

O2_046 / Galmiz, Oleksandr (Author) [UKOMFKAFZM] (50%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (30%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Atmospheric pressure plasma for surface functionalization and biofilm removal on polymeric tubing**. – text.
In: *The 4th Plasma Nanotechnologies and Bioapplications Workshop* [printed document] [electronic document] : Scientific program & Book of Abstracts / Sihelník, Slavomír [Compiler] ; Ličková, Petra [Compiler] ; Skácelová, Dana [Compiler] ; Kováčik, Dušan [Compiler]. – 1. vyd. – Brno (Czech Republic) : Masarykova univerzita. Masaryk University Press, 2025. – ISBN 978-80-280-0780-5. – ISBN (online) 978-80-280-0781-2, s. 90-91 [printed form] [online]
Plasma Nanotechnologies and Bioapplications Workshop 2025, 4 [Češkovice, Czech Republic, 20.10.2025-23.10.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_047 / Garcia Angulo, Enmily Loelbis (Author) [Internal PhD student] [UKOMFKEF] (12.5%) - Stachová, Barbora (Author) [Internal PhD student] [UKOMFKEF] (12.5%) - Kovár, Samuel Peter (Author) (12.5%) - Papp, Peter (Author) [UKOMFKEF] (12.5%) - Bodewits, Dennis (Author) (12.5%) - Bromley, Steven J. (Author) (12.5%) - Matejčík, Štefan (Author) [UKOMFKEF] (12.5%) - Országh, Juraj (Author) [UKOMFKEF] (12.5%): **Electron-Induced Fluorescence of Carbon Monoxide**. – text, graphs.
In: *ECAMP 15* [electronic document] : 15th European Conference on Atoms, Molecules and Photons : Book of Abstracts / Schmidt, Viviane [Compiler] ; Endres, Eric [Compiler] ; Wild, Robert [Compiler] ; Wester, Roland [Compiler]. – 1. vyd. – Innsbruck (Austria) : Universität Innsbruck, 2025, s. 129-130 [online]
European Conference on Atoms, Molecules and Photons, 15 [Innsbruck, Austria, 30.06.2025-04.07.2025]
Number of all authors: 8
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_048 / Garcia Angulo, Enmily Loelbis (Author) [Internal PhD student] [UKOMFKEF] (12.5%) - Stachová, Barbora (Author) [Internal PhD student] [UKOMFKEF] (12.5%) - Tanska, Natalia (Author) (12.5%) - Bregula, Wojciech (Author) (12.5%) - Moravčík, Marek (Author) (12.5%) - Krčma, František (Author) (12.5%) - Matejčík, Štefan (Author) [UKOMFKEF] (12.5%) - Országh, Juraj (Author) [UKOMFKEF] (12.5%): **Electron Induced Dissociative Excitation of Formamide**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 163-166 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 8
[contribution from event]
Lit.: 8
[OV 091 Physics]
[ŠO 1160]

O2_049 / Gasior, Pawel (Author) (5.565%) - Sokulski, Damian (Author) (5.555%) - Almaviva, Salvatore (Author) (5.555%) - Karhunen, Juuso (Author) (5.555%) - Likonen, Jari (Author) (5.555%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (5.555%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (5.555%) - Veis, Pavel (Author) [UKOMFKEF] (5.555%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (5.555%) - Veis, Matej (Author) [UKOMFKEF] (5.555%) - Butikova, Jelena (Author) (5.555%) - Brezinsek, Sebastijan (Author) (5.555%) - Yi, Rongxing (Author) (5.555%) - Jepu, Ionut (Author) (5.555%) - Jogi, Indrek (Author) (5.555%) - Ristkok, Jasper (Author) (5.555%) - Paris, Peeter (Author) (5.555%) - Porosnicu, Corneliu (Author) (5.555%): **LIBS for in-situ characterisation of JET plasma facing components: autoencoder-based spec- tral data processing**. – text.
In: *20th International Conference on Plasma-Facing Materials and Components for Fusion Applications* [electronic document] : Book of Abstracts / Markelj, Sabina [Compiler] ; Jenuš, Petra [Compiler] ; Bučar, Klemen [Compiler]. – 1. vyd. – Ľubľana (Slovenia) : Jožef Stefan Institute, 2025. – ISBN (online) 978-961-264-316-4, s. 111-111 [online]
Plasma-Facing Materials and Components for Fusion Applications 2025, 20 [Ľubľana, Slovenia, 19.05.2025-23.05.2025]
Number of all authors: 18
[poster from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_050 / Glevitzká, Štefánia (Author) [Internal PhD student] [UKOMFKAG] (25%) - Jajcay, Robert (Author) [UKOMFKAG] (25%) - Lekše, Maruša (Author) (25%) - Potočnik, Primož (Author) (25%): **Cubic girth-regular graphs of girth six**. – text.
In: *12th PhD Summer School in Discrete Mathematics* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Koper (Slovenia) : University of Primorska. Faculty of Mathematics, Natural Sciences and Information Technologies, 2025, s. 8-9 [online]
PhD Summer School in Discrete Mathematics, 12 [Koper, Slovenia, 07.09.2025-13.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 240 Mathematics and statistics]
[ŠO 1113]

O2_051 / Glevitzká, Štefánia (Author) [Internal PhD student] [UKOMFKAG] (100%): **Combinatorial aspects of the diameter/girth ratio problem**. – text.
In: *Fifth Workshop on Constructions of Expanders and Extremal Graphs* [electronic document] : List of Abstracts : Slovakia-Austria Bilateral Collaboration / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. nestr. [1-1] [online]
Constructions of Expanders and Extremal Graphs 2025, 5 [Smolenice, Slovakia, 05.11.2025-10.11.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 240 Mathematics and statistics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1113 - ŠO 2508]

O2_052 / Gregor, Maroš (Author) [UKOMFCENAM] (40%) - Moško, Martin (Author) [UKOMFCENAM] (30%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (30%): **Point-contact Andreev reflection spectroscopy of disordered superconducting heterostructures**. – text.
In: *EUCAS 2025* [electronic document] : 17th European Conference on Applied Superconductivity, 21-25 September 2025, Porto / [bez zostavovateľa] [Compiler]. – 1. vyd. – Porto (Portugal) : [s.n.], 2025, s. [1-1] [online]
European Conference on Applied Superconductivity, 17 [Porto, Portugal, 21.09.2025-25.09.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_053 / Moško, Martin (Author of correspondence) [UKOMFCENAM] (50%) - Gregor, Maroš (Author) [UKOMFCENAM] (16.7%) - Mošková, Antónia (Author) (16.7%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (16.6%): **Point Contact Spectroscopy of Disordered Superconductors: Disorder-Enhanced Andreev**

Conductance Peak. – text.
In: *2025 IEEE 15th International Conference "Nanomaterials: Applications & Properties"* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – [Piscataway] (United States) : Institute of Electrical and Electronics Engineers, 2025, s. [324-324] [online]
International Conference “Nanomaterials: Applications & Properties” 2025, 15 [Bratislava, Slovakia, 07.09.2025-12.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_054 / Grochal, Peter (Author) [Internal PhD student] [UKOMFKI] (50%) - Stanek, Martin (Author) [UKOMFKI] (50%): **Differential MITM attacks on SLIM and LBCIoT**. – text.
In: *24th Central European Conference on Cryptology* [electronic document] : Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Budapešť (Hungary) : Eötvös Loránd Tudományegyetem, 2025, s. 1-5 [online]
Central European Conference on Cryptology, 25 [Budapešť, Hungary, 19.06.2025-20.06.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 7
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_055 / Hensel, Karol (Author) [UKOMFKAFZM] (33.334%) - Kšanová, Jana (Author) [Internal PhD student] [UKOMFKAFZM] (33.333%) - Cimerman, Richard (Author) [UKOMFKAFZM] (33.333%): **Removal of hydrocarbons by plasma-catalysis, catalysts regeneration and reuse**. – text.
In: *ICPIG 2025* [electronic document] : Detailled Program - Book of abstracts / [bez zostavovateľa] [Author]. – 1.. vyd. – Marseille (France) : Aix Marseille Université, 2025, s. 49-49 [online]
International Conference on Phenomena in Ionized Gases 2025, 36 [Aix en Provence, France, 20.07.2025-25.07.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_056 / Hensel, Karol (Author) [UKOMFKAFZM] (25%) - Selvaraj, Gokul (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Cimerman, Richard (Author) [UKOMFKAFZM] (25%) - Janda, Mário (Author) [UKOMFKAFZM] (25%): **Electrical Discharges in Capillary Tubes and Honeycomb Monoliths**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 77-77 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_057 / Hensel, Karol (Author) [UKOMFKAFZM] (30%) - Kšanová, Jana (Author) [Internal PhD student] [UKOMFKAFZM] (10%) - Jangra, Ramavtar (Author) (20%) - Cimerman, Richard (Author) [UKOMFKAFZM] (40%): **Effect of pellet catalyst properties on gas cleaning process**. – text.
In: *9th Asia-Pacific Conference on Plasma Physics* [electronic document] : AAPPS-DPP2025 : Program Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Kyoto (Japan) : Association of Asia Pacific Physical Societies, 2025, s. [1-1] [online]
Asia-Pacific Conference on Plasma Physics, 9 [Fukuoka, Japan, 21.09.2025-26.09.2025]
Number of all authors: 4

[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_058 / Dehghan, Mohammad (Author of correspondence) (25%) - Horský, Matej (Author) (12.5%) - Ščepka, Tomáš (Author) (12.5%) - Stoklas, Roman (Author) (12.5%) - Hudec, Boris (Author) (25%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (12.5%): **Design And Characterization of Thin Film H2 Sensor for Crossbar Array Implementation**. – text.
In: *2025 IEEE 15th International Conference "Nanomaterials: Applications & Properties"* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – [Piscataway] (United States) : Institute of Electrical and Electronics Engineers, 2025, s. 349-349 [online]
International Conference “Nanomaterials: Applications & Properties” 2025, 15 [Bratislava, Slovakia, 07.09.2025-12.09.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

O2_059 / Hudec, Boris (Author of correspondence) (30%) - Horský, Matej (Author) (10%) - Dehghan, Mohammad (Author) (10%) - Ščepka, Tomáš (Author) (10%) - Krylov, Sergei (Author) (10%) - Stoklas, Roman (Author) (10%) - Patrnčiak, Michal (Author) (10%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (10%): **Bottom-Up Approach Towards In-Sensor Computing**. – text.
In: *2025 IEEE 15th International Conference "Nanomaterials: Applications & Properties"* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – [Piscataway] (United States) : Institute of Electrical and Electronics Engineers, 2025, s. [354-354] [online]
International Conference “Nanomaterials: Applications & Properties” 2025, 15 [Bratislava, Slovakia, 07.09.2025-12.09.2025]
Number of all authors: 8
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_060 / Hrebynakha, Viktor (Author) (30%) - Shpetnyi, Ihor O. (Author of correspondence) [UKOMFCENAM] (30%) - Shvets, Uliana (Author) (5%) - Shkurdoda, Yurii (Author) (5%) - Lyfar, Serhij (Author) (5%) - Kulyk, Tetiana (Author) (5%) - Pak, Vasyl (Author) (5%) - Ruban, Anatolii (Author) (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (5%): **Temperature Stability of Magnetoresistive Properties in Alloy Thin Films Based on Ni80Fe20 and Cu**. – text.
In: *2025 IEEE 15th International Conference "Nanomaterials: Applications & Properties"* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – [Piscataway] (United States) : Institute of Electrical and Electronics Engineers, 2025, s. [308-308] [online]
International Conference “Nanomaterials: Applications & Properties” 2025, 15 [Bratislava, Slovakia, 07.09.2025-12.09.2025]
Number of all authors: 10
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_061 / Hrebynakha, Viktor (Author) (20%) - Shpetnyi, Ihor O. (Author of correspondence) [UKOMFCENAM] (20%) - Shvets, Uliana (Author) (10%) - Shkurdoda, Yu. (Author) (10%) - Lyfar, Serhij (Author) (10%) - Kulyk, T. (Author) (10%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (10%): **Ferromagnetic resonance in CoxAg100-x granular alloy thin films with giant magnetoresistance**. – text.
In: *International Research and Practice Conference "Nanotechnology and Nanomaterials" 2025* [printed document] : Abstract Book : (NANO-2025) / Fesenko, Olena [Compiler]. – 1. vyd. – Kyjev (Ukraine) : Nacionaľna akademija nauk Ukrajiny. Instytut fizyky Nacionaľnoi akademii nauk Ukrainy, 2025. – ISBN 978-617-8092-32-0, s.

25-25 [printed form]
Nanotechnology and Nanomaterials 2025, 13 [Bukovel, Ukraine, 20.08.2025-23.08.2025]
Number of all authors: 8
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_062 / Hulman, Martin (Author) (14.29%) - Sojková, Michaela (Author) (14.285%) - Precner, Marián (Author) (14.285%) - Moško, Martin (Author) [UKOMFCENAM] (14.285%) - Gregor, Maroš (Author) [UKOMFCENAM] (14.285%) - Kačmarčík, Jozef (Author) (14.285%) - Samuely, Peter (Author) (14.285%): **Quest for proximity-induced superconductivity in thin PtSe2 layers**. – text, pictures (illustration).
In: *Two-Dimensional Materials* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Praha (Czech Republic) : Akademie věd České republiky. Ústav fyzikální chemie J. Heyrovského AV ČR, 2025, s. 24-24 [online]
Heyrovský Discussions, 56 [Třešť, Czech Republic, 08.06.2025-12.06.2025]
Number of all authors: 7
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_063 / Hurtiš, Radoslav (Author) [UKOMFKAMS] (33.334%) - Richard, Guillaume (Author) (33.333%) - Soulaine, Cyprien (Author) (33.333%): **Scallop Formation Due To Dissolution-Driven Convection**. – text.
In: *17e Journées d'Etudes des Milieux Poreux* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Orléans (France) : Institut des Sciences de la Terre d'Orléans, 2025, s. 76-76 [online]
Journées d'Etudes des Milieux Poreux, 17 [Orléans, France, 04.11.2025-06.11.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 3
[OV 240 Mathematics and statistics]
[ŠO 1113]

O2_064 / Chalmovianská, Jana (Author) [UKOMFKAG] (100%): **Správa zo stretnutia matematika s deskriptívnou geometriou** = Report from a meeting between a mathematician and descriptive geometry. – text, pictures (illustration). – [reviewed].
In: *Slovak-Czech Conference on Geometry and Graphics 2025* [electronic document] / Szarková, Dagmar [Compiler] ; Velichová, Daniela [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská technická univerzita v Bratislave. Fakulta chemickej a potravinárskej technológie. Slovenská chemická knižnica, 2025. – ISBN (online) 978-80-8208-170-4, s. 31-42 [online]
Slovak-Czech Conference on Geometry and Graphics 2025, 11 [Bratislava, Slovakia, 01.09.2025-04.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 4
[OV 240 Mathematics and statistics - OV 010 Pedagogical science]
[ŠO 1113 - ŠO 7605]

O2_065 / Chernenko, Diana (Author) (30%) - Pastierovič, Filip (Author) [Internal PhD student] [UKOMFKEF] (30%) - Čermák, Peter (Author) [UKOMFKEF] (40%): **Low-temperature absorption spectroscopy for simultaneous retrieval of vapor pressure and transition intensities**. – text, graphs.
In: *The Twenty-Ninth Colloquium on High Resolution Molecular Spectroscopy* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Kolín (Germany) : Universität zu Köln, 2025, s. 297-297 [online]
High Resolution Molecular Spectroscopy 2025, 29 [Kolín nad Rýnom, Germany, 25.08.2025-29.08.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

O2_066 / Kiran, Ahlawat (Author of correspondence) [UKOMFKAFZM] (50%) - Chithran, Akshara (Author) [Internal PhD student] [UKOMFKAFZM] (10%) - Janda, Mário (Author) [UKOMFKAFZM] (10%) - Machala, Zdenko (Author) [UKOMFKAFZM] (30%): **Plasma under liquid via microbubble discharge: enhanced formation of reactive oxygen and nitrogen species**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 109-109 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_067 / Mehrabifard, Ramin (Author of correspondence) [Internal PhD student] [UKOMFKAFZM] (25%) - Chithran, Akshara (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (25%) - Machala, Zdenko (Author) [UKOMFKAFZM] (25%): **Stability of reactive species produced in plasma activated water by various atmospheric pressure plasmas**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 138-138 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 4
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_068 / Ilbeigi, Vahideh (Author) [UKOMFKEF] (70%) - Matejčík, Štefan (Author) [UKOMFKEF] (10%) - Valadbeigi, Younes (Author) (10%) - Moravský, Ladislav (Author) [UKOMFKEF] (10%): **Formic Acid as a Dopant for Atmospheric Pressure Chemical Ionisation (APCI) for Negative Polarity of Ion Mobility Spectrometry and Mass Spectrometry**. – text.
In: *34th International Conference on Ion Mobility Spectrometry* [printed document] [electronic document] / Bohnhorst, Alexander [Compiler]. – 1. vyd. – Berlin (Germany) : International Society for Ion Mobility Spectrometry, 2025, s. 66-66 [printed form] [online]
International Society for Ion Mobility Spectrometry 2025, 34 [Berlin, Germany, 02.08.2025-08.08.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_069 / Ilbeigi, Vahideh (Author) [UKOMFKEF] (33.334%) - Moravský, Ladislav (Author) [UKOMFKEF] (33.333%) - Matejčík, Štefan (Author) [UKOMFKEF] (33.333%): **Rapid Detection of Volatile Organic Compounds Emitted from Plants by Multicapillary Column-Ion Mobility Spectrometry**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 257-260 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

O2_070 / Hirose, Katsumi (Author of correspondence) (16.67%) - Inomata, Yayoi (Author) (16.666%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (16.666%) - Tsumune, Daisuke (Author) (16.666%) - Yamada, Masatoshi (Author) (16.666%) - Zheng, Jian (Author) (16.666%): **Impacts of climate change in the North Pacific: which are the most important anthropogenic radionuclide tracers of oceanic change?**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 174-175 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 6
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_071 / Jajcay, Robert (Author) [UKOMFKAG] (100%): **Connections between local regularity and symmetry in graphs**. – text.
In: *10th Cracow Conference on Graph Theory* [electronic document] : Book of abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakow (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 15-15 [online]
Cracow Conference on Graph Theory, 10 [Krakow, Poland, 22.09.2025-26.09.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 240 Mathematics and statistics]
[ŠO 1113]

O2_072 / Jajcayová, Tatiana (Author) [UKOMFKAI] (50%) - Pastorek, Ján (Author) [Internal PhD student] [UKOMFKAI] (50%): **Asymmetric depth of graphs**. – text.
In: *10th Cracow Conference on Graph Theory* [electronic document] : Book of abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakow (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 19-19 [online]
Cracow Conference on Graph Theory, 10 [Krakow, Poland, 22.09.2025-26.09.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_073 / Janák, Filip (Author) [Internal PhD student] [UKOMFKAFZM] (50%) - Nagy, Roman (Author) [UKOMFKAFZM] (50%): **Precession of the Galactic warp with Gaia DR3**. – text.
In: *Bezovec 2025* [electronic document] : Conference of Young Astronomers / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská astronomická spoločnosť, 2025, s. 8-8 [online]
Bezovec 2025, 57 [Nová Lehota, Slovakia, 06.06.2025-08.06.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_074 / Jančišinová, Alexandra (Author) (40%) - Arepalli, Navya (Author) [Internal PhD student] [UKOMFKEF] (40%) - Papp, Peter (Author) [UKOMFKEF] (10%) - Matejčík, Štefan (Author) [UKOMFKEF] (10%): **Electron and Ion Induced Reactions with Chlorpyrifos Molecules**. – text.
In: *ECAMP 15* [electronic document] : 15th European Conference on Atoms, Molecules and Photons : Book of Abstracts / Schmidt, Viviane [Compiler] ; Endres, Eric [Compiler] ; Wild, Robert [Compiler] ; Wester, Roland [Compiler]. – 1. vyd. – Innsbruck (Austria) : Universität Innsbruck, 2025, s. 69-69 [online]
European Conference on Atoms, Molecules and Photons, 15 [Innsbruck, Austria, 30.06.2025-04.07.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_075 / Janda, Mário (Author) [UKOMFKAFZM] (30%) - Pareek, Pankaj (Author) [UKOMFKAFZM] (30%) - Tóth, Peter (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Smirnov, Sergei (Author) [Internal PhD student] [UKOMFKAFZM] (20%): **Generation of plasma activated water with biocidal effects by transient spark combined with electrospray**. – text, pictures (illustration).
In: *The 4th Plasma Nanotechnologies and Bioapplications Workshop* [printed document] [electronic document] : Scientific program & Book of Abstracts / Sihelník, Slavomír [Compiler] ; Ličková, Petra [Compiler] ; Skácelová, Dana [Compiler] ; Kováčik, Dušan [Compiler]. – 1. vyd. – Brno (Czech Republic) : Masarykova univerzita. Masaryk University Press, 2025. – ISBN 978-80-280-0780-5. – ISBN (online) 978-80-280-0781-2, s. 82-83 [printed form] [online]
Plasma Nanotechnologies and Bioapplications Workshop 2025, 4 [Češkovice, Czech Republic, 20.10.2025-23.10.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_076 / Janda, Mário (Author) [UKOMFKAFZM] (50%) - Polprasarn, Kasidapa (Author) (20%) - Pareek, Pankaj (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Pai, David (Author) (10%): **Raman light sheet microspectroscopy diagnostic of water electrospray**. – text.
In: *ESEE2025* [electronic document] : 8th European Symposium on Electrohydrodynamic Atomization and Electrospinning 2025 : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Nicosia (Cyprus) : University of Cyprus, 2025, s. [1-1] [online]
European Symposium on Electrohydrodynamic Atomization and Electrospinning 2025, 8 [Nicosia, Cyprus, 28.04.2025-30.04.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_077 / Janda, Mário (Author) [UKOMFKAFZM] (40%) - Pareek, Pankaj (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (10%) - Kelar Tučeková, Zlata (Author) (10%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Activation and bio-decontamination of water by cold atmospheric plasma, towards green fertilizer with lower environmental impact**. – text.
In: *13th International Conference on Toxic Cyanobacteria* [electronic document] : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Thessaloniki (Greece) : Aristotle University of Thessaloniki, 2025, s. 234-234 [online]
International Conference on Toxic Cyanobacteria, 13 [Chania, Greece, 04.05.2025-08.05.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

O2_078 / Janda, Mário (Author) [UKOMFKAFZM] (14.29%) - Selakovic, Nenad (Author) (14.285%) - Jovanovic, Olivera (Author) (14.285%) - Babucic, Neda (Author) (14.285%) - Škoro, Nikola (Author) (14.285%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (14.285%) - Puač, Nevena (Author) (14.285%): **On Mechanism of Reactive Nitrogen Species Formation in Negative Polarity High Pressure Glow Discharge**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 170-178 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 7
[contribution from event]
Lit.: 13

[OV 091 Physics]
[ŠO 1160]

O2_079 / Janda, Mário (Author) [UKOMFKAFZM] (25%) - Polprasarn, Kasidapa (Author) (25%) - Pareek, Pankaj (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Pai, David (Author) (25%): **In-situ Diagnostic of Electrospray by Raman Light Sheet Microspectroscopy**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 99-104 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 4
[contribution from event]
Lit.: 10
[OV 091 Physics]
[ŠO 1160]

O2_080 / Selvaraj, Gokul (Author of correspondence) [Internal PhD student] [UKOMFKAFZM] (33.334%) - Jangra, Ramavtar (Author) (33.333%) - Hensel, Karol (Author) [UKOMFKAFZM] (33.333%): **Impact of air humidity, reactor geometry and AC/DC power on electrical and chemical characteristics of discharge in honeycombs**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 115-115 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 1
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_081 / Jangra, Ramavtar (Author) (60%) - Selvaraj, Gokul (Author) [Internal PhD student] [UKOMFKAFZM] (10%) - Hensel, Karol (Author) [UKOMFKAFZM] (30%): **Non-Thermal Plasma-Assisted VOC Decomposition** : Influence of Catalyst Type, Electron Energy, and Gas Residence Time. – text.
In: *MatFyz Connections 2025* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. 47-48 [online]
MatFyz Connections 2025, 2 [Bratislava, Slovakia, 26.11.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_082 / Janko, Dávid (Author) [Internal PhD student - external training center] [UKOPRBZF] (25%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Zvarík, Milan (Author) [UKOMFKJFB] (15%) - Andelová, N. (Author) (15%) - Papežíková, S. (Author) (5%) - Farkašová, V. (Author) (10%) - Ravingerová, T. (Author) (5%) - Ferko, M. (Author) (15%): **Úloha srdcových mitochondrií v modeloch zvýšenej energetickej náročnosti: Význam UCP3**. – text.
In: *52. pracovná konferencia Komisie experimentálnej kardiológie* [printed document] : Zborník abstraktov / [bez zostavovateľa] [Compiler]. – 1. vyd. – Banská Bystrica (Slovakia) : Občianske združenie Preveda, 2025. – ISBN 978-80-974608-5-3, s. [8-8] [printed form]
Pracovná konferencia Komisie experimentálnej kardiológie, 52 [Pezinok, Slovakia, 15.10.2025-17.10.2025]
Number of all authors: 8
[abstract from event - PP]
[OV 130 Life sciences - OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1536 - ŠO 1160 - ŠO 5141]

O2_083 / Janko, Dávid (Author) [Internal PhD student - external training center] [UKOPRBZF] (25%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (10%) - Zvarík, Milan (Author) [UKOMFKJFB] (15%) - Andelová, Natália (Author) (15%) - Papežíková, S. (Author) (5%) - Farkašová, V. (Author) (10%) - Ravingerová, Táňa (Author) (5%) - Ferko, M. (Author) (15%): **Mitochondrial adaptations and redox regulation in acute diabetes and intermittent hypoxia: a proteomic perspective**. – text.
In: *16th World Congress on Targeting Mitochondria* [printed document] : abstracts book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Berlín (Germany) : World Mitochondria Society, 2025, s. 88-88 [printed form]
Targeting mitochondria, 16 [Berlín, Germany, 22.10.2025-24.10.2025]
Number of all authors: 8
[abstract from event - PP]
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]

O2_084 / Janko, Dávid (Author) [Internal PhD student - external training center] [UKOPRBZF] (35%) - Andelová, N. (Author) (18.34%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (18.33%) - Farkašová, V. (Author) (5%) - Ravingerová, T. (Author) (5%) - Ferko, M. (Author) (18.33%): **Proteomická analýza srdcových mitochondrií potkana za podmienok obmedzeného prístupu kyslíka**. – text.
In: *100. fyziologické dny, 4. – 5. února 2025* [electronic document] : programový sborník s abstrakty / [bez zostavovateľa] [Compiler]. – 1. vyd. – Praha (Czech Republic) : Congress Prague, s.r.o. ; Univerzita Karlova v Praze. 1. lékařská fakulta. Fyziologický ústav, 2025, s. [101-102] [online]
Fyziologické dny, 100 [Praha, Czech Republic, 04.02.2025-05.02.2025]
Number of all authors: 6
[abstract from event - PP]
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]

O2_085 / Ješkovský, Miroslav (Author) [UKOMFKJFB] (60%) - Bobáľ, Boris (Author) [Internal PhD student] [UKOMFKJFB] (10%) - Kaizer, Jakub (Author) [UKOMFKJFB] (10%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (10%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (10%): **Accelerator Mass Spectrometry of Beryllium-10**. – text.
In: *MatFyz Connections 2025* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. 41-41 [online]
MatFyz Connections 2025, 2 [Bratislava, Slovakia, 26.11.2025]
Number of all authors: 5
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_086 / Kalužná, Katarína (Author) [Internal PhD student] [UKOMFKDMFI] (33.334%) - Čujdíková, Mária (Author) [UKOMFKDMFI] (33.333%) - Vankúš, Peter (Author) [UKOMFKDMFI] (33.333%): **Digitálne vzdelávacie únikové hry zamerané na klimatickú krízu vo vyučovaní matematiky - ecomystery**. – text, pictures (illustration).
In: *Dva dni s didaktikou matematiky 2025* [electronic document] : zborník príspevkov / Slavíčková, Mária [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – ISBN (online) 978-80-8147-164-3, s. 19-23 [online]
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
Number of all authors: 3
[contribution from event]
Lit.: 12
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_087 / Kardoš, František (Author) (25%) - De Meyer, Lucas (Author) (25%) - Lagoutte, Aurélie (Author) (25%) - Perarnau, Guillem (Author) (25%): **An algorithmic Vizing's theorem: toward efficient edge-coloring sampling with an optimal number of colors**. – text.
In: *60th Czech-Slovak Conference on Graph Theory* [printed document] : Book of Abstracts / [bez zostavovateľa]

[Compiler] ; Holub, Přemek [Compiler] ; Šebková, Milena [Compiler]. – 1. vyd. – Plzeň (Czech Republic) : Západočeská univerzita v Plzni, 2025, s. 22-22 [printed form]
Czech-Slovak Conference on Graph Theory, 60 [Hluboká nad Vltavou, Czech Republic, 26.05.2025-30.05.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 1
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_088 / Khalaf, Mohamed (Author) [Internal PhD student] [UKOMFKEF] (16.67%) - Zahoranová, Anna (Author) [UKOMFKEF] (16.666%) - Klas, Matej (Author) [UKOMFKEF] (16.666%) - Ličková, Petra (Author) [UKOMFKEF] (16.666%) - Kováčik, Dušan (Author) (16.666%) - Medvecká, Veronika (Author) [UKOMFKEF] (16.666%): **Effect of cold atmospheric plasma and plasma activated water on seeds**. – text.
In: *The 4th Plasma Nanotechnologies and Bioapplications Workshop* [printed document] [electronic document] : Scientific program & Book of Abstracts / Sihelník, Slavomír [Compiler] ; Ličková, Petra [Compiler] ; Skácelová, Dana [Compiler] ; Kováčik, Dušan [Compiler]. – 1. vyd. – Brno (Czech Republic) : Masarykova univerzita. Masaryk University Press, 2025. – ISBN 978-80-280-0780-5. – ISBN (online) 978-80-280-0781-2, s. 84-85 [printed form] [online]
Plasma Nanotechnologies and Bioapplications Workshop 2025, 4 [Češkovice, Czech Republic, 20.10.2025-23.10.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_089 / Khalaf, Mohamed (Author) [Internal PhD student] [UKOMFKEF] (67%) - Badr, Gamal (Author) (3%) - Gebril, Sahar M. (Author) (3%) - Lashein, Fakhr El-din M. (Author) (3%) - AbuAmra, Eslam El-sabry (Author) (3%) - Salah, Mohamed (Author) (3%) - Sayed, Leila H. (Author) (3%) - Mošovská, Silvia (Author) [C3360] (3%) - Ličková, Petra (Author) [UKOMFKEF] (3%) - Medvecká, Veronika (Author) [UKOMFKEF] (3%) - Zahoranová, Anna (Author) [UKOMFKEF] (3%) - El-Hossay, Fayez M. (Author) (3%): **Regenerative, Antibacterial, and Anti-Inflammatory Effects of Cold Atmospheric Plasma**. – text.
In: *Scientific Program and Book of Abstracts* [electronic document] : Final Meeting PlasTHER COST Action / LeBlanc, Rachel [Compiler] ; Arcoria, Alfio Giuseppe [Compiler] ; Fornabaio, Giulia [Compiler] ; Tampieri, Francesco [Compiler] ; Canal, Cristina [Compiler] ; Aparicio, Noelia [Compiler]. – 1. vyd. – Barcelona (Spain) : Universitat Politecnica de Catalunya, 2025. – ISBN (online) 978-84-09-74169-4, s. 70-70 [online]
Final Meeting PlasTHER COST Action [Barcelona, Spain, 17.06.2025-22.06.2025]
Number of all authors: 12
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_090 / Khalaf, Mohamed (Author) [Internal PhD student] [UKOMFKEF] (33.334%) - Mošovská, Silvia (Author) [C3360] (33.333%) - Medvecká, Veronika (Author) [UKOMFKEF] (33.333%): **Effect of Low-Temperature Atmospheric Pressure Plasma on Germination, Growth Parameters and Decontamination of Radish Seeds**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 196-198 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

O2_091 / Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (50%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Machala, Zdenko (Author) [UKOMFKAFZM] (25%): **Plasma-Activated Water and Phenolics: A Dynamic Duo Against Yeast Resilience**. – text.
In: *Scientific Program and Book of Abstracts* [electronic document] : Final Meeting PlasTHER COST Action / LeBlanc, Rachel [Compiler] ; Arcoria, Alfio Giuseppe [Compiler] ; Fornabaio, Giulia [Compiler] ; Tampieri, Francesco [Compiler] ; Canal, Cristina [Compiler] ; Aparicio, Noelia [Compiler]. – 1. vyd. – Barcelona (Spain) : Universitat Politecnica de Catalunya, 2025. – ISBN (online) 978-84-09-74169-4, s. 60-60 [online]
Final Meeting PlasTHER COST Action [Barcelona, Spain, 17.06.2025-22.06.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_092 / Galmiz, Oleksandr (Author of correspondence) [UKOMFKAFZM] (85%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (10%) - Machala, Zdenko (Author) [UKOMFKAFZM] (5%): **Surface activation and biofilm removal on polymeric tubing by atmospheric pressure plasma**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 125-125 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_093 / Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (50%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (15%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (15%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Investigating the Combined Antiyeast Efficacy of Plasma-Activated Water and Natural Phenolics on Planktonic Debaryomyces hansenii**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 205-208 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 4
[contribution from event]
Lit.: 17
[OV 091 Physics]
[ŠO 1160]

O2_094 / Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (40%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (20%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Investigating the Combined Antiyeast Efficacy of Plasma-Activated Water and Natural Phenolics on Planktonic Debaryomyces hansenii**. – text.
In: *Bridging Science and Innovation: Translating Plasma Medicine into Clinic and to the Market* [electronic document] : Book of Abstracts / Arcoria, Alfio Giuseppe [Compiler] ; LeBlanc, Rachel [Compiler] ; Canal, Cristina [Compiler] ; Aparicio, Noelia [Compiler]. – 1. vyd. – Brusel (Belgium) : European Cooperation in Science and Technology, 2025. – ISBN (online) 978-84-09-69325-2, s. 24-24 [online]
Bridging Science and Innovation: Translating Plasma Medicine into Clinic and to the Market, 4 [Štrbské Pleso, Slovakia, 28.01.2025-31.01.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

O2_095 / Klas, Matej (Author) [UKOMFKEF] (25%) - Maťašová, Mária (Author) [Internal PhD student] [UKOMFKEF] (25%) - Čermák, Peter (Author) [UKOMFKEF] (25%) - Matejčík, Štefan (Author) [UKOMFKEF] (25%): **Memory Effect in Pulsed Microdischarges**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 105-106 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_096 / Khalaf, Mohamed (Author of correspondence) [Internal PhD student] [UKOMFKEF] (80%) - Klas, Matej (Author) [UKOMFKEF] (10%) - Medvecká, Veronika (Author) [UKOMFKEF] (10%): **Effect of cold atmospheric plasma and plasma activated water on common bean seeds**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 65-65 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_097 / Kollár, Pavol (Author) [Internal PhD student] [UKOMFKAI] (100%): **The limits of enumeration methods**. – text.
In: *12th PhD Summer School in Discrete Mathematics* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Koper (Slovenia) : University of Primorska. Faculty of Mathematics, Natural Sciences and Information Technologies, 2025, s. 24-25 [online]
PhD Summer School in Discrete Mathematics, 12 [Koper, Slovenia, 07.09.2025-13.09.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 4
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_098 / Kollár, Pavol (Author) [Internal PhD student] [UKOMFKAI] (100%): **How can graphs help us count?**. – text.
In: *10th Cracow Conference on Graph Theory* [electronic document] : Book of abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakow (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 20-20 [online]
Cracow Conference on Graph Theory, 10 [Krakow, Poland, 22.09.2025-26.09.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 4
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_099 / Kollár, Pavol (Author) [Internal PhD student] [UKOMFKAI] (100%): **Boundary matrices and their connection to de Bruijn graphs**. – text.
In: *Fifth Workshop on Constructions of Expanders and Extremal Graphs* [electronic document] : List of Abstracts : Slovakia-Austria Bilateral Collaboration / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) :

Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. nestr. [1-1] [online]
Constructions of Expanders and Extremal Graphs 2025, 5 [Smolenice, Slovakia, 05.11.2025-10.11.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 5
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_100 / Bobáľ, Boris (Author of correspondence) [Internal PhD student] [UKOMFKJFB] (20%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (20%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (20%) - Kaizer, Jakub (Author) [UKOMFKJFB] (20%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (20%): **Measurement of 14C in liquid fuels using Accelerator Mass Spectrometry**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 203-203 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 5
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_101 / Povinec, Pavel P. (Author of correspondence) [UKOMFKJFB] (14.29%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (14.285%) - Zeman, Jakub (Author) [UKOMFKJFB] (14.285%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (14.285%) - Kaizer, Jakub (Author) [UKOMFKJFB] (14.285%) - Jull, Anthony J. Timothy (Author) (14.285%) - Molnár, Mihály (Author) (14.285%): **Radiocarbon dating and PIXE analysis of historical paintings**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 242-242 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 7
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_102 / Povinec, Pavel P. (Author of correspondence) [UKOMFKJFB] (50%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (50%): **Radiocarbon variations in tree rings and climate change**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 245-245 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_103 / Kopáni, Martin (Author) [UKOLFULFB] (16%) - Kosnáč, Daniel (Author) [UKOLFULFB] (14%) - Pánik, Ján (Author) [UKOLFULFB] (14%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (14%) - Zeman, Jakub (Author) [UKOMFKJFB] (14%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (14%) - Polák, Štefan (Author) [UKOLFAU] (14%): **Metals in human brain: assessment of some metals accumulation in human globus pallidus using particle-induced x-ray emission (pixe), scanning electron microscopy (sem) and energy-dispersive microanalysis (edx)** = Kovy v ľudskom mozgu: Hodnotenie akumulácie niektorých kovov v ľudskom Globus Pallidus pomocou emisie röntgenového žiarenia indukovanej časticami (PIXE), skenovacej elektrónovej mikroskopie (SEM) a energeticky disperznej mikroanalýzy (EDX). – text.
In: *46. Dny lékařské biofyziky* [electronic document] : Sborník abstraktů / Kolářová, Hana [Compiler]. – 1. vyd. – Olomouc (Czech Republic) : Univerzita Palackého v Olomouci, 2025. – ISBN (online) 978-80-244-6634-7, s. 21-21 [online]
Dny lékařské biofyziky, 46 [Sobotín, Czech Republic, 28.05.2025-30.05.2025]
Number of all authors: 7

[abstract from event - PP]
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 5141 - ŠO 1160]

O2_104 / Koshkin, Nikolay (Author) (16%) - Shakun, Leonid (Author) (7%) - Kozhukhov, Oleksandr (Author) (7%) - Briyukhovetskyii, Oleksandr (Author) (7%) - Hrobár, Tomáš (Author) [Internal PhD student] [UKOMFKAFZM] (7%) - Korobeynikova, E. (Author) (7%) - Kudak, Viktor (Author) (7%) - Melikyants, S. (Author) (7%) - Perig, Vasyl (Author) (7%) - Salnikov, Igor (Author) (7%) - Šilha, Jiří (Author) [UKOMFKAFZM] (7%) - Strakhova, S. (Author) (7%) - Vovchyk, Yeva (Author) (7%): **Determination of the RSO's spin axis orientation using photometry data**. – text, graphs, tables, pictures (illustration).
In: *9th European Conference on Space Debris* [electronic document] : [Conference Proceedings] / Lemmens, S. [Compiler] ; Flohrer, Tim [Compiler] ; Schmitz, F. [Compiler]. – 1. vyd. – Darmstadt (Germany) : European Space Agency. ESA Space Debris Office, 2025, s. [1-9] [online]
European Conference on Space Debris 2025, 9 [Bonn, Germany, 01.04.2025-04.04.2025]
Number of all authors: 13
[contribution from event]
Lit.: 9
[OV 092 Earth and space sciences]
[ŠO 1217 - ŠO 1160]

O2_105 / Ličková, Petra (Author of correspondence) [UKOMFKEF] (35%) - Kostoláni, Dominik (Author) [UKOPRBFR] (25%) - Gahramanli, Sahila (Author) [Internal PhD student] [UKOMFKEF] (5%) - Mišútová, Terézia (Author) (5%) - Stupavská, Monika (Author) (10%) - Švubová, Renáta (Author) [UKOPRBFR] (10%) - Zahoranová, Anna (Author) [UKOMFKEF] (10%): **Comparison of two non-thermal plasma sources with different configuration on physico-chemical and physiological changes of selected seed types**. – text, graphs.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 64-64 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 7
[abstract from event - PP]
Lit.: 2
[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

O2_106 / Kováčik, Dušan (Author) [Part-time] [UKOMFKEF] (15%) - Krumpolec, Richard (Author) (10%) - Kelar, Jakub (Author) (5%) - Sihelník, Slavomír (Author) (5%) - Feng, Jianyu (Author) (10%) - Beigi, Pedram Ghourchi (Author) (5%) - Zahedi, Leila (Author) (5%) - Kelar Tučeková, Zlata (Author) (5%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (5%) - Zelenák, František (Author) (5%) - Kenari, Ali Jamaati (Author) (5%) - Ďurčányová, Sandra (Author) [Internal PhD student] [UKOMFKEF] (5%) - Medvecká, Veronika (Author) [UKOMFKEF] (5%) - Homola, Tomáš (Author) (5%) - Černák, Mirko (Author) (5%) - Zahoranová, Anna (Author) [UKOMFKEF] (5%): **Advanced DCSBD-Based Plasma Technologies for Surface Modifications and Bio-Applications**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 37-39 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 16
[contribution from event]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

O2_107 / Kovár, Samuel Peter (Author) (50%) - Papp, Peter (Author) [UKOMFKEF] (50%): **Potential Energy Curves of Spectroscopically Relevant Excited States of Carbon Monoxide: A Computational Study**. – text.

In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 185-186 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 11
[OV 091 Physics]
[ŠO 1160]

O2_108 / Kristeková, Nikola (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **EURO-CORDEX driving CMIP5 models' simulation of the large-scale European climate - a literature review**. – text.
In: *Posterový deň SMS 2025* [electronic document] : Interakcia zložiek krajinnej sféry v meniacej sa klíme 21. storočia / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská meteorologická spoločnosť, 2025. – ISBN (online) 978-80-973051-3-0, s. 20-20 [online]
Posterový deň SMS 2025, 2 [Bratislava, Slovakia, 13.02.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160 - ŠO 1217]

O2_109 / Kristeková, Nikola (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Comparison of two gridded climatological observation-based datasets for use in climate projections development**. – text.
In: *MatFyz Connections 2025* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. 18-19 [online]
MatFyz Connections 2025, 2 [Bratislava, Slovakia, 26.11.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]

O2_110 / Kriš, Ľuboš (Author) (50%) - Šuppa, Marek (Author) [External PhD student] [UKOMFKAI] (50%): **SlovakBabyLM: Replication of the BabyLM and Sample-efficient Pretraining for a Low-Resource Language**. – text, tables.
In: *The First BabyLM Workshop: Accelerating Language Modeling Research with Cognitively Plausible Data* [electronic document] : Proceedings of the Workshop / [bez zostavovateľa] [Compiler] ; Chen, Xuanda [Reviewer] ; DeBenedetto, Justin [Reviewer]. – 1. vyd. – Kerrville (United States) : Association for Computational Linguistics, 2025, s. 301-312 [online]
First BabyLM [Suzhou, China, 08.11.2025]
Number of all authors: 2
[contribution from event]
Lit.: 36
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_111 / Kšanová, Jana (Author) [Internal PhD student] [UKOMFKAFZM] (16.67%) - Cimerman, Richard (Author) [UKOMFKAFZM] (16.666%) - Oberste-Beulmann, Christian (Author) (16.666%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (16.666%) - Švec, Peter (Author) (16.666%) - Hensel, Karol (Author) [UKOMFKAFZM] (16.666%): **Cyclic Plasma-Catalytic System of Catalyst Deactivation and Regeneration Applied for VOC Removal**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 147-148 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]

Number of all authors: 6
[contribution from event]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_112 / Kuksenko, Vitalii (Author) [Internal PhD student] [UKOMFKAFZM] (33.334%) - Lilly, Eva (Author) (33.333%) - Šilha, Jiří (Author) [UKOMFKAFZM] (33.333%): **Investigating trends and transformations of Centaur surfaces**. – text.
In: *Bezovec 2025* [electronic document] : Conference of Young Astronomers / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská astronomická spoločnosť, 2025, s. 6-6 [online]
Bezovec 2025, 57 [Nová Lehota, Slovakia, 06.06.2025-08.06.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_113 / Kuksenko, Vitalii (Author) [Internal PhD student] [UKOMFKAFZM] (65%) - Jevčák, Peter (Author) (10%) - Sabolová, Katarína (Author) [Internal PhD student] [UKOMFKAFZM] (5%) - Šilha, Jiří (Author) [UKOMFKAFZM] (10%) - Lilly, Eva (Author) (10%): **Verification of photometric transformations for small Solar System bodies on Main-Belt asteroid color data**. – text. – DOI 10.5194/epsc-dps2025-126. – SCO.
In: *EPSC-DPS Joint Meeting 2025* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Göttingen (Germany) : Copernicus Meetings, 2025. – (EPSC Abstracts ; 18), s. 1-2 [online]
EPSC-DPS Joint Meeting 2025 [Helsinki, Finland, 07.09.2025-12.09.2025]
Number of all authors: 5
[abstract from event - PP]
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160]

O2_114 / Kumari, Priyanka (Author) [Internal PhD student] [UKOMFKEF] (33.334%) - Ilbeigi, Vahideh (Author) [UKOMFKEF] (33.333%) - Matejčík, Štefan (Author) [UKOMFKEF] (33.333%): **Study of Plasma-Assisted Reaction of Pentane and Ammonia by Atmospheric Pressure Chemical Ionization Ion Mobility-Mass Spectrometry (IMS-MS)**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 261-264 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 11
[OV 091 Physics]
[ŠO 1160]

O2_115 / Kureková, V. (Author) (16%) - Kováčik, Dušan (Author) (14%) - Bilská, Katarína (Author) [Internal PhD student] [UKOPRBMV] (14%) - Bujdáková, Helena (Author) [UKOPRBMV] (14%) - Gread, Faisal Abdallah Ahmed Mohamed (Author) [Internal PhD student] [UKOPRGMPLG] (14%) - Osacký, Marek (Author) [UKOPRGMPLG] (14%) - Pribus, Marek (Author) (14%): **Preparation and characterization of trimethyl chitosan - smectite nanocomposites**. – text.
In: *Clay Minerals and Selected Industrial Minerals in Material Science, Applications, and Environmental Technology* [electronic document] : Book of abstracts / Šimonová, T. [Compiler] ; Kureková, V. [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovak Clay Group, 2025. – ISBN 978-80-972367-9-3, s. 25-25 [online]
Workshop of Slovak Clay Group, 11 [Červený Kláštor, Slovakia, 02.06.2025-04.06.2025]
Number of all authors: 7
[abstract from event - PP]
[OV 130 Life sciences - OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1217 - ŠO 1160]

O2_116 / Bathóová, Monika (Author of correspondence) [UKOPRBFR] (35%) - Kútik, Boris (Author) (35%) - Ličková, Petra (Author) [UKOMFKEF] (15%) - Zahoranová, Anna (Author) [UKOMFKEF] (15%): **Surface decontamination of maize grains by non-thermal plasma application**. – text.
In: *Biolic 2025* [electronic document] : Proceedings of abstracs / [bez zostavovateľa] [Compiler]. – 1.. vyd. – Antalya (Turkey) : Trakya University, 2025. – ISBN 978-625-95132-7-0, s. 152-153 [online]
International Biological & Life sciences congress, 3 [Antalya, Turkey, 16.11.2025-19.11.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]

O2_117 / Kuťka, Martin (Author) [Internal PhD student] [UKOMFKEF] (20%) - Stano, Michal (Author) [UKOMFKEF] (20%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (20%) - Kováčik, Dušan (Author) (20%) - Zahoranová, Anna (Author) [UKOMFKEF] (20%): **Optimization of plasma-initiated grafting of acrylic acid on microporous membranes for durability in alkaline electrolyte**. – text.
In: *The 4th Plasma Nanotechnologies and Bioapplications Workshop* [printed document] [electronic document] : Scientific program & Book of Abstracts / Sihelník, Slavomír [Compiler] ; Ličková, Petra [Compiler] ; Skácelová, Dana [Compiler] ; Kováčik, Dušan [Compiler]. – 1. vyd. – Brno (Czech Republic) : Masarykova univerzita. Masaryk University Press, 2025. – ISBN 978-80-280-0780-5. – ISBN (online) 978-80-280-0781-2, s. 62-63 [printed form] [online]
Plasma Nanotechnologies and Bioapplications Workshop 2025, 4 [Češkovice, Czech Republic, 20.10.2025-23.10.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_118 / Kuťka, Martin (Author) [Internal PhD student] [UKOMFKEF] (50%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Kováčik, Dušan (Author) [Part-time] [UKOMFKEF] (10%) - Zahoranová, Anna (Author) [UKOMFKEF] (5%) - Stano, Michal (Author) [UKOMFKEF] (30%): **Stability of acrylic acid grafted microporous polymeric membranes in alkaline electrolyte**. – text.
In: *Hydrogen Days 2025* [electronic document] : Program & Abstracts / Stehlík, Karin [Compiler]. – 1. vyd. – Praha (Czech Republic) : Česká vodíková technologická platforma, 2025. – ISBN (online) 978-80-908924-0-8, s. 72-72
Hydrogen Days 2025, 15 [Praha, Czech Republic, 19.03.2025-21.03.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_119 / Kuťka, Martin (Author) [Internal PhD student] [UKOMFKEF] (60%) - Stano, Michal (Author) [UKOMFKEF] (30%) - Zahoranová, Anna (Author) [UKOMFKEF] (10%): **Measurement of Ion Current from Multi-Hollow Surface Dielectric Barrier Discharge**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 239-243 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 8
[OV 091 Physics]
[ŠO 1160]

O2_120 / Kužmová, Darina (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Gbelcová, Helena (Author) [UKOLFULB] (25%) - Letašiová, Silvia (Author) (25%) - Machala, Zdenko (Author) [UKOMFKAFZM] (25%):

Investigating the Anticancer Effects and Dermal Safety of Plasma-Activated PBS. – text.
In: *Bridging Science and Innovation: Translating Plasma Medicine into Clinic and to the Market* [electronic document] : Book of Abstracts / Arcoria, Alfio Giuseppe [Compiler] ; LeBlanc, Rachel [Compiler] ; Canal, Cristina [Compiler] ; Aparicio, Noelia [Compiler]. – 1. vyd. – Brusel (Belgium) : European Cooperation in Science and Technology, 2025. – ISBN (online) 978-84-09-69325-2, s. 42-42 [online]
Bridging Science and Innovation: Translating Plasma Medicine into Clinic and to the Market, 4 [Štrbské Pleso, Slovakia, 28.01.2025-31.01.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 6
[OV 091 Physics - OV 180 Medical, pharmaceutical and non-medical health sciences]
[ŠO 1160 - ŠO 5607]

O2_121 / Ličková, Petra (Author) [UKOMFKEF] (50%) - Zahoranová, Anna (Author) [UKOMFKEF] (50%): **Plasma Technology as an Efficient Tool to Improve Seed Germination and Provide Adhesion of Protective Polymer Coatings on Seeds**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 84-84 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

O2_122 / Ličková, Petra (Author) [UKOMFKEF] (11.112%) - Kostoláni, Dominik (Author) [UKOPRBFR] (11.111%) - Kyzek, Stanislav (Author) [UKOPRBGE] (11.111%) - Gahramanli, Sahila (Author) [Internal PhD student] [UKOMFKEF] (11.111%) - Stupavská, Monika (Author) (11.111%) - Jamaati Kenari, Ali (Author) (11.111%) - Gálová, Eliška (Author) [UKOPRBGE] (11.111%) - Švubová, Renáta (Author) [UKOPRBFR] (11.111%) - Zahoranová, Anna (Author) [UKOMFKEF] (11.111%): **Application of Non-Thermal Plasma Generated by Piezoelectric Direct Discharge on Seeds and Study of its Effect**. – text, graphs.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 222-224 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 9
[contribution from event]
Lit.: 7
[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

O2_123 / Ličková, Petra (Author) [UKOMFKEF] (20%) - Kostoláni, Dominik (Author) [UKOPRBFR] (20%) - Gahramanli, Sahila (Author) [Internal PhD student] [UKOMFKEF] (20%) - Kyzek, Stanislav (Author) [UKOPRBGE] (20%) - Zahoranová, Anna (Author) [UKOMFKEF] (20%): **Boosting germination and adhesion of protective layer to the seeds by non-thermal plasma technology**. – text.
In: *The 4th Plasma Nanotechnologies and Bioapplications Workshop* [printed document] [electronic document] : Scientific program & Book of Abstracts / Sihelník, Slavomír [Compiler] ; Ličková, Petra [Compiler] ; Skácelová, Dana [Compiler] ; Kováčik, Dušan [Compiler]. – 1. vyd. – Brno (Czech Republic) : Masarykova univerzita. Masaryk University Press, 2025. – ISBN 978-80-280-0780-5. – ISBN (online) 978-80-280-0781-2, s. 86-87 [printed form] [online]
Plasma Nanotechnologies and Bioapplications Workshop 2025, 4 [Češkovice, Czech Republic, 20.10.2025-23.10.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 4

[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

O2_124 / UKAEA RACE Team [Author corporation] ; Likonen, Jari (Author) (4.182%) - Almaviva, Salvatore (Author) (4.166%) - Rayaprolu, Rahul (Author) (4.166%) - Yi, Rongxing (Author) (4.166%) - Jepu, Ionut (Author) (4.166%) - Sergienko, Gennady V. (Author) (4.166%) - Widdowson, Anna (Author) (4.166%) - Jones, Nick (Author) (4.166%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (4.166%) - Dittmar, Timo (Author) (4.166%) - Karhunen, Juuso (Author) (4.166%) - Gasior, Pawel (Author) (4.166%) - Kawan, Christoph (Author) (4.166%) - Sackers, Marc (Author) (4.166%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (4.166%) - Wüst, Erik (Author) (4.166%) - Brezinsek, Sebastijan (Author) (4.166%) - Butikova, Jelena (Author) (4.166%) - Gromelski, Wojciech (Author) (4.166%) - Hakola, Antti H. (Author) (4.166%) - Jogi, Indrek (Author) (4.166%) - Paris, Peeter (Author) (4.166%) - Ristkok, Jasper (Author) (4.166%) - Veis, Pavel (Author) [UKOMFKEF] (4.166%): **First Demonstration of Laser Induced Breakdown Spectroscopy using Remote Handling for In-vessel Analysis of Tritiated and Activated JET Components**. – text.
In: *20th International Conference on Plasma-Facing Materials and Components for Fusion Applications* [electronic document] : Book of Abstracts / Markelj, Sabina [Compiler] ; Jenuš, Petra [Compiler] ; Bučar, Klemen [Compiler]. – 1. vyd. – Ľubľana (Slovenia) : Jožef Stefan Institute, 2025. – ISBN (online) 978-961-264-316-4, s. 45-45 [online]
Plasma-Facing Materials and Components for Fusion Applications 2025, 20 [Ľubľana, Slovenia, 19.05.2025-23.05.2025]
Number of all authors: 24
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_125 / Ludrovcová, Barbora (Author) [M3000] (60%) - Sahul, Martin (Author) [M1000] (20%) - Haršáni, Marián (Author) (10%) - Truchlý, Martin (Author) [UKOMFCENAM] (10%): **Optimizing Tribo-Mechanical Properties of ta-C Coatings for Enhanced Tool Performance**. – text, graphs, tables, pictures (illustration).
In: *NanoInnovation 2025* [electronic document] / [bez zostavovateľa] [Author]. – 1. vyd. – Rím (Italy) : Sapienza Università di Roma, 2025, s. 110-111 [online]
NanoInnovation 2025, 10 [Rím, Italy, 15.09.2025-19.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 10
[OV 110 Metallurgic and mining sciences - OV 091 Physics]
[ŠO 2381 - ŠO 1160]

O2_126 / Lukačová, Zuzana (Author) [UKOPRBFR] (33.334%) - Mišúthová, Adriana (Author) [UKOMFKAFZM] (33.333%) - Vaculík, Marek (Author) [UKOPRBFR] (33.333%): **Differential Response of Maize Root Categories to Arsenic Toxicity: The Role of Silicon in Lignification and Antioxidant Activity**. – text.
In: *Bulletin České společnosti experimentální biologie rostlin a Fyziologické sekce Slovenské botanické společnosti* [printed document] : Book of Abstracts 18th Student Days in Plant Biology CS 2025 Plant Biology CS 2025 / [bez zostavovateľa] [Compiler]. – 1. vyd. – č. 1. – Praha (Czech Republic) : Česká společnost experimentální biologie rostlin, 2025. – ISSN 1213-6670, s. 38-38 [printed form]
18th Student Days in Plant Biology CS 2025, 18 [Bratislava, Slovakia, 24.08.2025-25.08.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

O2_127 / Lukoťka, Robert (Author) [UKOMFKI] (100%): **Colouring cubic multipoles**. – text.
In: *10th Cracow Conference on Graph Theory* [electronic document] : Book of abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakow (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 100-100 [online]
Cracow Conference on Graph Theory, 10 [Krakow, Poland, 22.09.2025-26.09.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_128 / Mačajová, Edita (Author) [UKOMFKI] (25%) - Karabáš, Ján (Author) (25%) - Nedela, Roman (Author) (25%) - Škoviera, Martin (Author) [UKOMFKI] (25%): **Short cycle covers and the colouring defect of a cubic graph**. – text.
In: *60th Czech-Slovak Conference on Graph Theory* [printed document] : Book of Abstracts / [bez zostavovateľa] [Compiler] ; Holub, Přemek [Compiler] ; Šebková, Milena [Compiler]. – 1. vyd. – Plzeň (Czech Republic) : Západočeská univerzita v Plzni, 2025, s. 27-27 [printed form]
Czech-Slovak Conference on Graph Theory, 60 [Hluboká nad Vltavou, Czech Republic, 26.05.2025-30.05.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_129 / Mačajová, Edita (Author) [UKOMFKI] (50%) - Pisoňová, Karolína (Author) (50%): **Rich nowhere-zero flows**. – text.
In: *Abstracts of the 33rd Workshop Cycles and Colourings* [printed document] [electronic document] / Fabrici, Igor [Compiler]. – 1. vyd. – Košice (Slovakia) : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025, s. 15-15 [printed form] [online]
Workshop Cycles and Colourings, 33 [Nový Smokovec, Slovakia, 31.08.2025-05.09.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_130 / Abdulsalam, Mohammed (Author of correspondence) [UKOMFKAFZM] (50%) - Machala, Zdenko (Author) [UKOMFKAFZM] (50%): **Plasma-driven degradation of industrial and pharmaceutical emerging contaminants** : unraveling synthetic coumarin interactions in DBD treatment. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 49-49 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_131 / Kimani, Bernard Gitura (Author of correspondence) [UKOMFKAFZM] (50%) - Machala, Zdenko (Author) [UKOMFKAFZM] (50%): **Combining plasma-activated water with natural phenolics to mitigate yeast biofilm formation and adhesion**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 44-44 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_132 / Machala, Zdenko (Author) [UKOMFKAFZM] (40%) - Hassan, Mostafa Elsayed Ali (Author) (20%) - Janda, Mário (Author) [UKOMFKAFZM] (40%): **Controlling the transport of reac ve species from cold plasma into water bulk and aerosols**. – text.
In: *ESEE2025* [electronic document] : 8th European Symposium on Electrohydrodynamic Atomization and

Electrospinning 2025 : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Nicosia (Cyprus) : University of Cyprus, 2025, s. [1-1] [online]
European Symposium on Electrohydrodynamic Atomization and Electrospinning 2025, 8 [Nicosia, Cyprus, 28.04.2025-30.04.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_133 / Švubová, Renáta (Author of correspondence) [UKOPRBFR] (25%) - Martinková, Svetlana (Author) (25%) - Bathóová, Monika (Author) [UKOPRBFR] (15%) - Haranzová, Dominika (Author) [Internal PhD student] [UKOPRBFR] (15%) - Ličková, Petra (Author) [UKOMFKEF] (10%) - Zahoranová, Anna (Author) [UKOMFKEF] (10%): **Low-temperature plasma as an effective tool in reducing salinity stress**. – text.
In: *Biolic 2025* [electronic document] : Proceedings of abstracs / [bez zostavovateľa] [Compiler]. – 1.. vyd. – Antalya (Turkey) : Trakya University, 2025. – ISBN 978-625-95132-7-0, s. 158-158 [online]
International Biological & Life sciences congress, 3 [Antalya, Turkey, 16.11.2025-19.11.2025]
Number of all authors: 6
[abstract from event - PP]
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]

O2_134 / Maťaš, Emanuel (Author) [Internal PhD student] [UKOMFKEF] (33.334%) - Chodák, Ivan (Author) (33.333%) - Matejčík, Štefan (Author) [UKOMFKEF] (33.333%): **Thermal Degradation of Biodegradable Polymers Studied by IMS Technique**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 136-139 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

O2_135 / Maťašová, Mária (Author) [Internal PhD student] [UKOMFKEF] (25%) - Klas, Matej (Author) [UKOMFKEF] (25%) - Čermák, Peter (Author) [UKOMFKEF] (25%) - Matejčík, Štefan (Author) [UKOMFKEF] (25%): **Statistical Characterzation of Vacuum Microdischarges Generated in High Pulsed Electric Fields**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 160-162 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 4
[contribution from event]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

O2_136 / Matok, Matúš (Author) [Internal PhD student] [UKOMFKI] (50%) - Kardoš, František (Author) (50%): **(Mostly) total colouring of (sub) cubic Halin graphs**. – text.
In: *60th Czech-Slovak Conference on Graph Theory* [printed document] : Book of Abstracts / [bez zostavovateľa] [Compiler] ; Holub, Přemek [Compiler] ; Šebková, Milena [Compiler]. – 1. vyd. – Plzeň (Czech Republic) : Západočeská univerzita v Plzni, 2025, s. 27-27 [printed form]
Czech-Slovak Conference on Graph Theory, 60 [Hluboká nad Vltavou, Czech Republic, 26.05.2025-30.05.2025]

Number of all authors: 2
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_137 / Mazák, Ján (Author) [UKOMFKI] (50%) - Zrubák, Filip (Author) (50%): **Circular chromatic index of graphs with $\Delta \in \{4, 5, 6\}$**. – text.
In: *Abstracts of the 33rd Workshop Cycles and Colourings* [printed document] [electronic document] / Fabrici, Igor [Compiler]. – 1. vyd. – Košice (Slovakia) : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025, s. 17-17 [printed form] [online]
Workshop Cycles and Colourings, 33 [Nový Smokovec, Slovakia, 31.08.2025-05.09.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_138 / Megersa, Gadisa Deme (Author) [Internal PhD student] [UKOMFKEF] (16.67%) - Stachová, Barbora (Author) [Internal PhD student] [UKOMFKEF] (16.666%) - Garcia Angulo, Enmily Loelbis (Author) [Internal PhD student] [UKOMFKEF] (16.666%) - Matejčík, Štefan (Author) [UKOMFKEF] (16.666%) - Michalczuk, Bartosz (Author) (16.666%) - Országh, Juraj (Author) [UKOMFKEF] (16.666%): **Low Energy Electrons Interaction with Acetone (CH3)2CO in the UV-VIS Spectral Region**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 179-180 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 6
[contribution from event]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

O2_139 / Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (40%) - Chithran, Akshara (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (20%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Stability of reactive species produced in plasma-activated water by various atmospheric air discharges and their antimicrobial properties combined with UV-A irradiation**. – text.
In: *ICPIG 2025* [electronic document] : Detailled Program - Book of abstracts / [bez zostavovateľa] [Author]. – 1.. vyd. – Marseille (France) : Aix Marseille Université, 2025, s. 318-318 [online]
International Conference on Phenomena in Ionized Gases 2025, 36 [Aix en Provence, France, 20.07.2025-25.07.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_140 / Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (33.334%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (33.333%) - Machala, Zdenko (Author) [UKOMFKAFZM] (33.333%): **The effect of UVC radiation on plasma activated water on killing Gram-negative bacteria**. – text.
In: *Scientific Program and Book of Abstracts* [electronic document] : Final Meeting PlasTHER COST Action / LeBlanc, Rachel [Compiler] ; Arcoria, Alfio Giuseppe [Compiler] ; Fornabaio, Giulia [Compiler] ; Tampieri, Francesco [Compiler] ; Canal, Cristina [Compiler] ; Aparicio, Noelia [Compiler]. – 1. vyd. – Barcelona (Spain) : Universitat Politecnica de Catalunya, 2025. – ISBN (online) 978-84-09-74169-4, s. 62-62 [online]
Final Meeting PlasTHER COST Action [Barcelona, Spain, 17.06.2025-22.06.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 4

[OV 091 Physics]
[ŠO 1160]

O2_141 / Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (60%) - Machala, Zdenko (Author) [UKOMFKAFZM] (40%): **Photolysis effect of UV radiation on reactive species in plasma-activated water**. – text.
In: *Bridging Science and Innovation: Translating Plasma Medicine into Clinic and to the Market* [electronic document] : Book of Abstracts / Arcoria, Alfio Giuseppe [Compiler] ; LeBlanc, Rachel [Compiler] ; Canal, Cristina [Compiler] ; Aparicio, Noelia [Compiler]. – 1. vyd. – Brusel (Belgium) : European Cooperation in Science and Technology, 2025. – ISBN (online) 978-84-09-69325-2, s. 27-27 [online]
Bridging Science and Innovation: Translating Plasma Medicine into Clinic and to the Market, 4 [Štrbské Pleso, Slovakia, 28.01.2025-31.01.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_142 / Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (40%) - Mišúthová, Adriana (Author of correspondence) [UKOMFKAFZM] (40%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Comparison of three plasma-activated water systems on the growth and germination of Lactuca sativa L. plants**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 140-140 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 2
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_143 / Mišúthová, Adriana (Author of correspondence) [UKOMFKAFZM] (35%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Lukačová, Zuzana (Author) [UKOPRBFR] (20%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Effect of plasma-activated water on Lactuca sativa L. growth and development in hydroponic cultivation system**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 139-139 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 3
[OV 091 Physics - OV 092 Earth and space sciences - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

O2_144 / Chithran, Akshara (Author of correspondence) [Internal PhD student] [UKOMFKAFZM] (40%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (30%) - Machala, Zdenko (Author) [UKOMFKAFZM] (30%): **Degradation of tetracycline using fountain dielectric barrier discharge (FDBD) plasma combined with catalytic nanoparticles**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 111-111 [printed form] [online]

Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 4
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_145 / Melicherčík, Milan (Author) [UKOMFKJFB] (25%) - Klbik, Ivan (Author) (25%) - Sukuba, Ivan (Author) [UKOMFKJFB] (25%) - Mach, Pavel (Author) [UKOMFKJFB] (25%): **Overview of potassium channel selectivity filter occupancy by K+ ions and water molecules**. – text. – [reviewed].
In: *13th Visegrad Symposium on Biomolecular Interactions* [electronic document] : Program and Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Ostrava (Czech Republic) : Vysoká škola báňská – Technická univerzita Ostrava, 2025, s. 39-39 [online]
Visegrad Symposium on Biomolecular Interactions, 13 [Ostravice, Czech Republic, 18.06.2025-18.06.2025]
Number of all authors: 4
[poster from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_146 / Melo, Marián (Author) [UKOMFKAFZM] (50%) - Gera, Martin (Author) [UKOMFKAFZM] (50%): **Scenáre teploty vzduchu, zrážok a vlhkosti vzduchu na Slovensku do konca 21. storočia podľa klimatických modelov MPI a KNMI**. – text.
In: *Posterový deň SMS 2025* [electronic document] : Interakcia zložiek krajinnej sféry v meniacej sa klíme 21. storočia / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská meteorologická spoločnosť, 2025. – ISBN (online) 978-80-973051-3-0, s. 26-26 [online]
Posterový deň SMS 2025, 2 [Bratislava, Slovakia, 13.02.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

O2_147 / IS665 Collaboration [Author corporation] ; Mišt, Jozef (Author) [Internal PhD student] [UKOMFKJFB] (50%) - Page, Chris (Author) (50%): **High-statistics decay spectroscopy of 178,182Au at IDS** : Results of experiment IS665. – text, graphs.
In: *ISOLDE Newsletter 2025* [electronic document] / ISOLDE Decay Station [Author corporation] ; [bez zostavovateľa] [Compiler]. – 1. vyd. – Ženeva (Switzerland) : CERN : European Organization for Nuclear Research, 2025, s. 18-19 [online]
Number of all authors: 2
[contribution]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_148 / Mišúthová, Adriana (Author) [UKOMFKAFZM] (25%) - Lukačová, Zuzana (Author) [UKOPRBFR] (10%) - Ghulam, Mustafa (Author) [Internal PhD student] [UKOPREEM] (20%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (10%) - Šerá, Božena (Author) [UKOPREEM] (15%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Effect of Plasma-Activated Water on Physiological Parameters in Bean Plants (Phaseolus Vulgaris)**. – text, graphs.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 215-219 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 6
[contribution from event]
Lit.: 18
[OV 091 Physics - OV 100 Environmental science and ecology - OV 130 Life sciences]

[ŠO 1160 - ŠO 1610 - ŠO 1536]

O2_149 / Mišúthová, Adriana (Author) [UKOMFKAFZM] (35%) - Lukačová, Zuzana (Author) [UKOPRBFR] (25%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Cultivation of Hydroponic Lettuce in Plasma-Activated Water: Effects on Growth, Pigmentation, and Sensory Quality**. – text.
In: *Bulletin České společnosti experimentální biologie rostlin a Fyziologické sekce Slovenské botanické společnosti* [printed document] : Book of Abstracts 18th Student Days in Plant Biology CS 2025 Plant Biology CS 2025 / [bez zostavovateľa] [Compiler]. – 1. vyd. – č. 1. – Praha (Czech Republic) : Česká společnost experimentální biologie rostlin, 2025. – ISSN 1213-6670, s. 128-129 [printed form]
Plant Biology CS 2025 [Bratislava, Slovakia, 26.08.2025-28.09.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

O2_150 / Miťková, Emília (Author) [UKOMFKDMFI] (50%) - Vankúš, Peter (Author) [UKOMFKDMFI] (50%): **Vzdelávacia úniková miestnosť v aritmetike na základnej škole**. – text.
In: *Dva dny s didaktikou matematiky 2025* [electronic document] : sborník příspěvků / Vondrová, Naďa [Compiler]. – 1. vyd. – Praha (Czech Republic) : Univerzita Karlova v Praze. Pedagogická fakulta, 2025. – ISBN (online) 978-80-7603-642-0, s. 202-206 [online]
Dva dny s didaktikou matematiky 2025, 29 [Praha, Czech Republic, 13.02.2025-14.02.2025]
Number of all authors: 2
[contribution from event]
Lit.: 9
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_151 / Miťková, Emília (Author) [UKOMFKDMFI] (100%): **Voľba parametrov slovnej úlohy** = Selecting Parameters for a Word Problem. – text.
In: *Vývoj a perspektívy matematického vzdelávania* [electronic document] : zborník abstraktov. Nitrianska matematická konferencia organizovaná Katedrou matematiky FPVaI UKF v Nitre dňa 23. 10. 2025 pod záštitou rektora Univerzity Konštantína Filozofa v Nitre prof. RNDr. Libora Vozára, CSc. a dekana Fakulty prírodných vied a informatiky Univerzity Konštantína Filozofa v Nitre prof. RNDr. Františka Petroviča, PhD., MBA pri príležitosti nedožitých 90 rokov Dr. h. c. prof. RNDr. Ondreja Šedivého, CSc. / Rumanová, Lucia [Compiler] ; Páleníková, Kitti [Compiler]. – 1. vyd. – Nitra (Slovakia) : Univerzita Konštantína Filozofa v Nitre. Fakulta prírodných vied a informatiky, 2025. – (Prírodovedec : edícia UKF v Nitre ; 908). – ISBN 978-80-558-2317-1, s. 12-12 [printed form] [online]
Nitrianska matematická konferencia [Nitra, Slovakia, 23.10.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_152 / Miťková, Emília (Author) [UKOMFKDMFI] (50%) - Vankúš, Peter (Author) [UKOMFKDMFI] (50%): **Vzdelávacie únikové miestnosti vo vyučovaní matematiky**. – text, photographs.
In: *Dva dni s didaktikou matematiky 2025* [electronic document] : zborník príspevkov / Slavíčková, Mária [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – ISBN (online) 978-80-8147-164-3, s. 65-68 [online]
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 5
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_153 / Miťková, Emília (Author) [UKOMFKDMFI] (100%): **O šomraní v rade**. – text, pictures (illustration).
In: *Dva dni s didaktikou matematiky 2025* [electronic document] : zborník príspevkov / Slavíčková, Mária

[Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – ISBN (online) 978-80-8147-164-3, s. 61-64 [online]
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 4
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_154 / Moravský, Ladislav (Author) [UKOMFKEF] (14.29%) - Fateh Borkhari, Arian (Author) (14.285%) - Kovár, Samuel Peter (Author) (14.285%) - Papp, Peter (Author) [UKOMFKEF] (14.285%) - Adamov, Alexey Yu. (Author) (14.285%) - Sysoev, Alexey A. (Author) (14.285%) - Matejčík, Štefan (Author) [UKOMFKEF] (14.285%): **Atmospheric Pressure Chemical Ionization Study of Sulphur-Containing Compounds by Ion Mobility Spectrometry and Mass-Spectrometry**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 91-94 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 7
[contribution from event]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

O2_155 / Mueller, Clemens (Author) (15%) - Leiser, David (Author) (5%) - Eberhart, Martin (Author) (5%) - Fasoulas, Stefanos (Author) (5%) - Loehle, Stefan (Author) (5%) - Zander, Fabian (Author) (5%) - Birch, Byrenn (Author) (5%) - Ravichandran, Ranjith (Author) (5%) - Armstrong, Gerard (Author) (5%) - Tóth, Juraj (Author) [UKOMFKAFZM] (5%) - Paulech, Tomáš (Author) [UKOMFKAFZM] (5%) - Kaerraeng, Patrik (Author) (5%) - Lips, Tobias (Author) (5%) - Šilha, Jiří (Author) [UKOMFKAFZM] (5%) - Zigo, Matej (Author) (5%) - Jilete, Beatriz (Author) (5%) - Virgili, Benjamin (Author) (5%) - Lemmens, Stijn (Author) (5%): **First results from the Salsa Airborne Re-entry Observation Mission Campaign**. – text, photographs, graphs, tables.
In: *9th European Conference on Space Debris* [electronic document] : [Conference Proceedings] / Lemmens, S. [Compiler] ; Flohrer, Tim [Compiler] ; Schmitz, F. [Compiler]. – 1. vyd. – Darmstadt (Germany) : European Space Agency. ESA Space Debris Office, 2025, s. [1-9] [online]
European Conference on Space Debris 2025, 9 [Bonn, Germany, 01.04.2025-04.04.2025]
Number of all authors: 18
[contribution from event]
Lit.: 16
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_156 / Müllerová, Monika (Author) [UKOMFKJFB] (100%): **Porovnanie komerčne predávaných detektorov radónu pre domáce použitie**. – text.
In: *46. Dni radiačnej ochrany 2025* [electronic document] : zborník abstraktov / Kubančák, Ján [Compiler] ; Smetanová, Iveta [Compiler] ; Gomola, Igor [Compiler]. – 1. vyd. – Trnava (Slovakia) : Slovenská nukleárna spoločnosť, 2025. – ISBN (online) 978-80-89928-07-1, s. 64-64 [online]
Dni radiačnej ochrany 2025, 46 [Poprad, Slovakia, 09.11.2025-13.11.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_157 / Nagy, Roman (Author) [UKOMFKAFZM] (100%): **Európska galaktická astronómia ... od misie Gaia k Euclidovi**. – text, photographs, pictures (illustration).
In: *Astronomická ročenka 2026* [printed document] / Zimnikoval, Peter [Compiler]. – 1. vyd. – Roč. 46. – Hurbanovo (Slovakia) : Slovenská ústredná hvezdáreň, 2025. – ISBN 978-80-89998-47-0, s. 119-125 [printed form]
Number of all authors: 1

[contribution]
[OV 092 Earth and space sciences]
[ŠO 1160]

O2_158 / Nevirkovets, Ivan P. (Author) (50%) - Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (50%): **Edge supercurrents in Josephson junctions involving normal metal-ferromagnet multilayers**. – text.
In: *EUCAS 2025* [electronic document] : 17th European Conference on Applied Superconductivity, 21-25 September 2025, Porto / [bez zostavovateľa] [Compiler]. – 1. vyd. – Porto (Portugal) : [s.n.], 2025, s. 16-16 [online]
European Conference on Applied Superconductivity, 17 [Porto, Portugal, 21.09.2025-25.09.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_159 / Oguagbaka, Makuochukwu Felix (Author) [Internal PhD student] [UKOMFKI] (50%) - Lukoťka, Robert (Author) [UKOMFKI] (50%): **Edge-uncoverability of cubic graphs**. – text.
In: *Abstracts of the 33rd Workshop Cycles and Colourings* [printed document] [electronic document] / Fabrici, Igor [Compiler]. – 1. vyd. – Košice (Slovakia) : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025, s. 19-20 [printed form] [online]
Workshop Cycles and Colourings, 33 [Nový Smokovec, Slovakia, 31.08.2025-05.09.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_160 / Oguagbaka, Makuochukwu Felix (Author) [Internal PhD student] [UKOMFKI] (50%) - Lukoťka, Robert (Author) [UKOMFKI] (50%): **Edge-uncoverability by four perfect matchings in cubic graphs**. – text.
In: *10th Cracow Conference on Graph Theory* [electronic document] : Book of abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakow (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 103-103 [online]
Cracow Conference on Graph Theory, 10 [Krakow, Poland, 22.09.2025-26.09.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_161 / Okruhlicová, Zuzana (Author) [Internal PhD student] [UKOMFKAFZM] (50%) - Hensel, Karol (Author) [UKOMFKAFZM] (50%): **Exploring Cold Atmospheric Plasma for Fungal Control**. – text.
In: *Bridging Science and Innovation: Translating Plasma Medicine into Clinic and to the Market* [electronic document] : Book of Abstracts / Arcoria, Alfio Giuseppe [Compiler] ; LeBlanc, Rachel [Compiler] ; Canal, Cristina [Compiler] ; Aparicio, Noelia [Compiler]. – 1. vyd. – Brusel (Belgium) : European Cooperation in Science and Technology, 2025. – ISBN (online) 978-84-09-69325-2, s. 29-29 [online]
Bridging Science and Innovation: Translating Plasma Medicine into Clinic and to the Market, 4 [Štrbské Pleso, Slovakia, 28.01.2025-31.01.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 3
[OV 091 Physics - OV 092 Earth and space sciences - OV 100 Environmental science and ecology]
[ŠO 1160 - ŠO 1217 - ŠO 1610]

O2_162 / Kostoláni, Dominik (Author of correspondence) [UKOPRBFR] (30%) - Olejárová, Emma (Author) (30%) - Ličková, Petra (Author) [UKOMFKEF] (15%) - Švubová, Renáta (Author) [UKOPRBFR] (15%) - Zahoranová, Anna (Author) [UKOMFKEF] (10%): **Enhancing nutritional quality of broccoli microgreens through cold plasma seed treatment** : Effects on growth and glucosinolate biosynthesis. – text.
In: *Biolic 2025* [electronic document] : Proceedings of abstracs / [bez zostavovateľa] [Compiler]. – 1.. vyd. – Antalya (Turkey) : Trakya University, 2025. – ISBN 978-625-95132-7-0, s. 159-159 [online]
International Biological & Life sciences congress, 3 [Antalya, Turkey, 16.11.2025-19.11.2025]
Number of all authors: 5

[abstract from event - PP]
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]

O2_163 / Országh, Juraj (Author) [UKOMFKEF] (25%) - Bodewits, Dennis (Author) (25%) - Stachová, Barbora (Author) [Internal PhD student] [UKOMFKEF] (25%) - Matejčík, Štefan (Author) [UKOMFKEF] (25%): **Water Emission Induced by Low-Energy Electron Impact**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 181-184 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 4
[contribution from event]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

O2_164 / Paprskárová, Mária (Author) [Internal PhD student] [UKOMFKAFZM] (50%) - Tóth, Juraj (Author) [UKOMFKAFZM] (50%): **Meteoroid dynamics and light emission modeling using grossfragmentation and differential ablation**. – text.
In: *Bezovec 2025* [electronic document] : Conference of Young Astronomers / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská astronomická spoločnosť, 2025, s. 7-7 [online]
Bezovec 2025, 57 [Nová Lehota, Slovakia, 06.06.2025-08.06.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_165 / Pardo, Angel (Author) [Internal PhD student] [UKOMFKEF] (33.334%) - Klas, Matej (Author) [UKOMFKEF] (33.333%) - Matejčík, Štefan (Author) [UKOMFKEF] (33.333%): **Application of Atmospheric Cold Plasma to Pesticide Degradation**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 270-274 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 13
[OV 091 Physics]
[ŠO 1160]

O2_166 / Pareek, Pankaj (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Selvaraj, Gokul (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Hensel, Karol (Author) [UKOMFKAFZM] (25%) - Janda, Mário (Author) [UKOMFKAFZM] (25%): **Transient spark discharge and ozone-based nitrogen fixation: The study of reaction pathways**. – text.
In: *ICPIG 2025* [electronic document] : Detailled Program - Book of abstracts / [bez zostavovateľa] [Author]. – 1.. vyd. – Marseille (France) : Aix Marseille Université, 2025, s. 76-76 [online]
International Conference on Phenomena in Ionized Gases 2025, 36 [Aix en Provence, France, 20.07.2025-25.07.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_167 / Pastierovič, Filip (Author) [Internal PhD student] [UKOMFKEF] (33.334%) - Manzoor, Shamaila (Author) (33.333%) - Čermák, Peter (Author) [UKOMFKEF] (33.333%): **Dual-Channel Absorption Spectroscopy**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 244-245 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_168 / Pastorek, Ján (Author) [Internal PhD student] [UKOMFKAI] (100%): **Partial automorphisms and Asymmetric depth of graphs**. – text.
In: *12th PhD Summer School in Discrete Mathematics* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Koper (Slovenia) : University of Primorska. Faculty of Mathematics, Natural Sciences and Information Technologies, 2025, s. 22-23 [online]
PhD Summer School in Discrete Mathematics, 12 [Koper, Slovenia, 07.09.2025-13.09.2025]
Number of all authors: 1
[abstract from event - PP]
Lit.: 2
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_169 / Pastorek, Ján (Author) [Internal PhD student] [UKOMFKAI] (50%) - Jajcayová, Tatiana (Author) [UKOMFKAI] (50%): **Partial automorphism inverse monoids and Maximal Asymmetric Depth of graphs**. – text.
In: *Fifth Workshop on Constructions of Expanders and Extremal Graphs* [electronic document] : List of Abstracts : Slovakia-Austria Bilateral Collaboration / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. nestr. [1-1] [online]
Constructions of Expanders and Extremal Graphs 2025, 5 [Smolenice, Slovakia, 05.11.2025-10.11.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_170 / Patole, Palash (Author) (20%) - Schildknecht, Thomas (Author) (15%) - Vananti, Alessandro (Author) (15%) - Fiore, S. (Author) (10%) - Schwarz, David (Author) (15%) - Flohrer, Tim (Author) (5%) - Jilete, Beatriz (Author) (5%) - Šilha, Jiří (Author) [UKOMFKAFZM] (5%) - Hrobár, Tomáš (Author) [Internal PhD student] [UKOMFKAFZM] (5%) - Schmalz, Sergei (Author) (5%): **Space Safety Expert Centre: Services for the SSA/STM ecosystem**. – text, graphs, tables, pictures (illustration).
In: *9th European Conference on Space Debris* [electronic document] : [Conference Proceedings] / Lemmens, S. [Compiler] ; Flohrer, Tim [Compiler] ; Schmitz, F. [Compiler]. – 1. vyd. – Darmstadt (Germany) : European Space Agency. ESA Space Debris Office, 2025, s. [1-14] [online]
European Conference on Space Debris 2025, 9 [Bonn, Germany, 01.04.2025-04.04.2025]
Number of all authors: 10
[contribution from event]
Lit.: 13
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1217 - ŠO 1160]

O2_171 / Pekárová, Pavla (Author) (25%) - Pekár, Ján (Author) (25%) - Melo, Marián (Author) [UKOMFKAFZM] (25%) - Ridzoň, Jakub (Author) (25%): **Návrhové hodnoty 1-, 2- a 5- denných úhrnov zrážok v povodí potoka Vydrica v Bratislave**. – text.
In: *Posterový deň SMS 2025* [electronic document] : Interakcia zložiek krajinnej sféry v meniacej sa klíme 21.

storočia / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská meteorologická spoločnosť, 2025. – ISBN (online) 978-80-973051-3-0, s. 30-30 [online]
Posterový deň SMS 2025, 2 [Bratislava, Slovakia, 13.02.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences - OV 240 Mathematics and statistics]
[ŠO 1160 - ŠO 1113]

O2_172 / Pekárová, Pavla (Author) (50%) - Pekár, Ján (Author) (20%) - Miklánek, Pavol (Author) (10%) - Leščešen, Igor (Author) (20%): **Asymmetry, Bimodality and Design Values of Daily Air Temperature**. – text. – DOI 10.5194/egusphere-egu25-5372. – OA.
In: *EGU General Assembly 2025* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Göttingen (Germany) : Copernicus Publications, 2025, s. [1-1] [online]
EGU General Assembly 2025 [Viedeň, Austria, 27.04.2025-02.05.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 240 Mathematics and statistics]
[ŠO 1113]

O2_173 / Peťková, Mária (Author) [UKOPRBGE] (45%) - Chrenová, Viktória (Author) (40%) - Kuťka, Martin (Author) [Internal PhD student] [UKOMFKEF] (10%) - Ševčovičová, Andrea (Author) [UKOPRBGE] (5%): **The effect of non-thermal plasma on cell cycle, intracellular RONS and DNA damage of Schizosaccharomyces pombe**. – text.
In: *EMBO Young Scientists' Forum 2025* [electronic document] : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Vilnius (Lithuania) : Lietuvos mokslu akademija, 2025, s. 46-47 [online]
EMBO Young Scientists' Forum, 15 [Vilnius, Lithuania, 24.09.2025-26.09.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

O2_174 / Petrovič, Martin (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Tracking Extreme Weather in a Changing Climate** : The Role of Remote Sensing and Data Assimilation in ALADIN. – text. – [reviewed].
In: *Posterový deň SMS 2025* [electronic document] : Interakcia zložiek krajinnej sféry v meniacej sa klíme 21. storočia / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská meteorologická spoločnosť, 2025. – ISBN (online) 978-80-973051-3-0, s. 31-31 [online]
Posterový deň SMS 2025, 2 [Bratislava, Slovakia, 13.02.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160 - ŠO 1217]

O2_175 / Plachetka, Tomáš (Author) [UKOMFKI] (100%): **Rozšírenie konštruktívnej logiky o zabudované predikáty**. – text.
In: *55. Konferencia slovenských matematikov* [printed document] / Kúdelčíková, Mária [Compiler]. – 1. vyd. – Žilina (Slovakia) : Žilinská univerzita v Žiline, 2025. – ISBN 978-80-554-2242-8, s. 38-38 [printed form]
Konferencia slovenských matematikov 2025, 55 [Jasná pod Chopkom, Slovakia, 20.11.2025-23.11.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 240 Mathematics and statistics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1113 - ŠO 2508]

O2_176 / Azhniuk, Yuriy (Author of correspondence) (12.5%) - Pogodin, Artem I. (Author) (12.5%) - Filep, Mykhajlo J. (Author) (12.5%) - Lopushansky, Vasyl (Author) (12.5%) - Izai, Vitalii (Author) [UKOMFCENAM] (12.5%) - Kryshenik, Volodymyr (Author) (12.5%) - Voynarovych, Ivan (Author) (12.5%) - Gomonnai, Alexander V. (Author) (12.5%): **Photoinduced transformations in bulk and thin-film Sb2S3:Ag**. – text.
In: *20 International Freik Conference on Physics and Technology of Thin Films and Nanosystems* [printed

document] : Materials / [bez zostavovateľa] [Compiler]. – 1. vyd. – Ivano-Frankivsk (Ukraine) : Prykarpatskyj nacionaľnyj universytet imeni Vasyľa Stefanyka, 2025, s. 103-104 [printed form]
International Freik Conference on Physics and Technology of Thin Films and Nanosystems, 20 [Ivano-Frankivsk, Ukraine, 06.10.2025-10.10.2025]
Number of all authors: 8
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_177 / Pokorná, Barbora (Author) [UKOMFKAG] (100%): **Výučba stereometrie pomocou 3D pera**. – text, photographs, pictures (illustration).
In: *Dva dni s didaktikou matematiky 2025* [electronic document] : zborník príspevkov / Slavíčková, Mária [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – ISBN (online) 978-80-8147-164-3, s. 74-81 [online]
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 9
[OV 240 Mathematics and statistics - OV 010 Pedagogical science]
[ŠO 1113 - ŠO 7605]

O2_178 / Poláčková, Magdaléna (Author) [UKOMFCENAM] (15%) - Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (15%) - Zhytlukhina, Olena S. (Author) [UKOMFCENAM] (15%) - Grančič, Branislav (Author) [UKOMFCENAM] (10%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (10%) - Ďurina, Pavol (Author) [UKOMFCENAM] (10%) - Plecenik, Tomáš (Author) [UKOMFCENAM] (10%) - Gregor, Maroš (Author) [UKOMFCENAM] (15%): **Nonlocal Electrical Transport in NbN-Based Superconductor/Ferromagnet/Superconductor Microstructures**. – text.
In: *APCOM 2025* [electronic document] : Scientific Program / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská technická univerzita v Bratislave. Fakulta elektrotechniky a informatiky, 2025, s. [1-1] [online]
Applied Physics of Condensed Matter, 30 [Štrbské Pleso, Slovakia, 25.06.2025-27.06.2025]
Number of all authors: 8
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_179 / Povinec, Pavel P. (Author) [UKOMFKJFB] (12.5%) - Hirose, Katsumi (Author) (12.5%) - Hong, Gi-Hoon (Author of correspondence) (12.5%) - Hou, Xiaolin (Author) (12.5%) - Inomata, Yayoi (Author) (12.5%) - Kaizer, Jakub (Author) [UKOMFKJFB] (12.5%) - Tsumune, Daisuke (Author) (12.5%) - Zhao, Xue (Author) (12.5%): **Anthropogenic radionuclides as tracers of climate change in the Pacific Ocean and its northwestern marginal seas**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 200-200 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 8
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_180 / Povinec, Pavel P. (Author) [UKOMFKJFB] (10%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (10%) - Cherkinsky, Alexander (Author) (10%) - Hajdas, Irka (Author) (10%) - Jull, Anthony J. Timothy (Author) (10%) - Molnár, Mihály (Author) (10%) - Paterka, Pavel (Author) (10%) - Puškár, Juraj (Author) (10%) - Steier, Peter (Author) (10%) - Světlík, Ivo (Author) (10%): **Radiocarbon Dating of the Church of St. Vendel in Patince (Slovakia): International Consortium Results**. – text.
In: *25th Radiocarbon Conference* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 319-320 [online]
Radiocarbon Conference 2025, 25 [Krakov, Poland, 29.06.2025-04.07.2025]

Number of all authors: 10
[poster from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_181 / Kontuľ, Ivan (Author of correspondence) [UKOMFKJFB] (13%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (13%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (13%) - Kaizer, Jakub (Author) [UKOMFKJFB] (13%) - Zeman, Jakub (Author) [UKOMFKJFB] (13%) - Richtáriková, Marta (Author) [UKOMFKJFB] (13%) - Bobáľ, Boris (Author) [Internal PhD student] [UKOMFKJFB] (11%) - Sučák, Karol (Author) [Internal PhD student] [UKOMFKJFB] (11%): **Status Report on the Accelerator Mass Spectrometry at the CENTA Accelerator Laboratory in Bratislava**. – text.
In: *25th Radiocarbon Conference* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 144-144 [online]
Radiocarbon Conference 2025, 25 [Krakov, Poland, 29.06.2025-04.07.2025]
Number of all authors: 8
[abstract from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_182 / Rajník, Jozef (Author) [UKOMFKI] (33.334%) - Balanchuk, Nadiya (Author) (33.333%) - Mačajová, Edita (Author) [UKOMFKI] (33.333%): **Generation of uniquely 3-edge-colourable graphs**. – text.
In: *Abstracts of the 33rd Workshop Cycles and Colourings* [printed document] [electronic document] / Fabrici, Igor [Compiler]. – 1. vyd. – Košice (Slovakia) : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025, s. 23-23 [printed form] [online]
Workshop Cycles and Colourings, 33 [Nový Smokovec, Slovakia, 31.08.2025-05.09.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_183 / Rajník, Jozef (Author) [UKOMFKI] (100%): **A geometric approach to lower bounds on the complex flow number**.
In: *GEMS 2025* [printed document] [electronic document] : Graph Embeddings and Maps on Surfaces : Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK ; Banská Bystrica (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Matematický ústav, 2025. – ISBN 978-80-8147-160-5. – ISBN (wrong) 987-80-8147-160-5, s. 23-23 [printed form] [online]
Graph Embeddings and Maps on Surfaces, 8 [Trenčianske Teplice, Slovakia, 22.06.2025-27.06.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_184 / Rajník, Jozef (Author) [UKOMFKI] (25%) - Lukoťka, Robert (Author) [UKOMFKI] (25%) - Mačajová, Edita (Author) [UKOMFKI] (25%) - Řehulka, Erik (Author) (25%): **Cyclic edge-connectivity of graphs**. – text.
In: *60th Czech-Slovak Conference on Graph Theory* [printed document] : Book of Abstracts / [bez zostavovateľa] [Compiler] ; Holub, Přemek [Compiler] ; Šebková, Milena [Compiler]. – 1. vyd. – Plzeň (Czech Republic) : Západočeská univerzita v Plzni, 2025, s. 10-10 [printed form]
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Number of all authors: 4
[abstract from event - PP]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_185 / Ramachandran, Krishnadev Elambalassery (Author) [Internal PhD student] [UKOMFKEF] (25%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (25%) - Urbina Medina, Ivan Alexander

(Author) [UKOMFKEF] (25%) - Veis, Pavel (Author) [UKOMFKEF] (25%): **Pre Processing Spectral Images to Remove The Ghost Signal in LIBS Spectra**. – text.
In: *5th AMACEE Conference* [electronic document] : Book of abstracts / Mádi, Lenka [Compiler]. – 1. vyd. – Brno (Czech Republic) : Vysoké učení technické v Brně. Nakladatelství Vutium, 2025. – ISBN (online) 978-80-214-6358-5, s. 62-62 [online]
Advanced Measurement, Analysis, and Control for Energy and Environment, 5 [Brno, Czech Republic, 26.08.2025-28.08.2025]
Number of all authors: 4
[poster from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_186 / Kontuľ, Ivan (Author of correspondence) [UKOMFKJFB] (12.5%) - Richtáriková, Marta (Author) [UKOMFKJFB] (12.5%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (12.5%) - Cherkinsky, Alexander (Author) (12.5%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (12.5%) - Kaizer, Jakub (Author) [UKOMFKJFB] (12.5%) - Bobáľ, Boris (Author) [Internal PhD student] [UKOMFKJFB] (12.5%) - Sučák, Karol (Author) [Internal PhD student] [UKOMFKJFB] (12.5%): **Radiocarbon in the gaseous and particulate constituents of the atmosphere in Bratislava, Slovakia**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 244-244 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 8
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_187 / Roufou, Styliani (Author) (30%) - Avdala, Konstantina (Author) (15%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (15%) - Masouras, Konstantinos-Panagiotis (Author) (5%) - Katsaros, George (Author) (10%) - Machala, Zdenko (Author) [UKOMFKAFZM] (10%) - Valdramidis, Vasilis P. (Author) (15%): **Direct Cold Atmospheric Plasma Treatment Reduces Escherichia Coli and Listeria Monocytogenes Biofilm Viability on Catheter Surfaces via Stress Responses**. – text.
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MikroBioKosmos and CEESME [Tessaloniki, Greece, 22.09.2025-24.09.2025]
Number of all authors: 7
[poster from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_188 / Sahul, Martin (Author) [M1000] (60%) - Ludrovcová, Barbora (Author) [M3000] (20%) - Haršáni, Marián (Author) (10%) - Truchlý, Martin (Author) [UKOMFCENAM] (10%): **Influence of Deposition Parameters on the Tribological and Mechanical Performance of ta-C Coatings Deposited by Arc-PVD**. – text, photographs, graphs, tables.
In: *NanoInnovation 2025* [electronic document] / [bez zostavovateľa] [Author]. – 1. vyd. – Rím (Italy) : Sapienza Università di Roma, 2025, s. 112-113 [online]
NanoInnovation 2025, 10 [Rím, Italy, 15.09.2025-19.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 8
[OV 110 Metallurgic and mining sciences - OV 091 Physics]
[ŠO 2381 - ŠO 1160]

O2_189 / Zahid, Rida (Author of correspondence) [Internal PhD student] [UKOPRCAG] (25%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (25%) - Roch, Tomáš (Author) [UKOMFCENAM] (25%) - Motola, Martin (Author) (25%): **Photocatalytic potential of cerium mofs: exploring ligand effects in pollutant degradation**. – text.

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European Conference on Metal Organick Frameworks and Porous Polymers, 6 [Heraclion, Greece, 21.09.2025-24.09.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 120 Chemistry, chemical technology and biotechnology]
[ŠO 1420]

O2_190 / Hensel, Karol (Author of correspondence) [UKOMFKAFZM] (45%) - Selvaraj, Gokul (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Cimerman, Richard (Author) [UKOMFKAFZM] (20%) - Janda, Mário (Author) [UKOMFKAFZM] (15%): **Honeycomb discharges their physical properties and chemical potential for environmental applications**. – text.
In: *International Plasma Technology Joint Conference* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – New Taipei (Taiwan, Province of China) : National Taiwan University of Science and Technology, 2025, s. [1-1] [online]
International Plasma Technology Joint Conference, 1 [New Taipei, Taiwan, Province of China, 25.06.2025-28.06.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

O2_191 / Jangra, Ramavtar (Author of correspondence) (33.334%) - Selvaraj, Gokul (Author) [Internal PhD student] [UKOMFKAFZM] (33.333%) - Hensel, Karol (Author) [UKOMFKAFZM] (33.333%): **Non-thermal plasma assisted VOCs decomposition: influence of humidity, residence time, pellet materials**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 116-116 [printed form] [online]
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Number of all authors: 3
[abstract from event - PP]
Lit.: 2
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_192 / Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (20%) - Veis, Matej (Author) [UKOMFKEF] (20%) - Gasior, Pawel (Author) (20%) - Sokulski, Damian (Author) (20%) - Veis, Pavel (Author) [UKOMFKEF] (20%): **Quantification of fusion materials using synthetic LIBS spectra and ANN enhanced by PSO optimized autoencoders for dimensionality reduction**. – text.
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Plasma-Facing Materials and Components for Fusion Applications 2025, 20 [Ľubľana, Slovenia, 19.05.2025-23.05.2025]
Number of all authors: 5
[abstract from event - PP]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

O2_193 / Simon, André (Author) (16.67%) - Belluš, Martin (Author) (16.666%) - Neštiak, Michal (Author) (16.666%) - Méri, Ladislav (Author) (16.666%) - Derková, Mária (Author) (16.666%) - Šinger, Miroslav (Author) (16.666%): **Severe weather studies using high resolution forecast applications at SHMU**. – text.
In: *Posterový deň SMS 2025* [electronic document] : Interakcia zložiek krajinnej sféry v meniacej sa klíme 21.

storočia / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská meteorologická spoločnosť, 2025. – ISBN (online) 978-80-973051-3-0, s. 37-37 [online]
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Number of all authors: 6
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_194 / Slavíčková, Mária (Author) [UKOMFKDMFI] (100%): **Zo základnej školy na strednú a ďalej**. – text.
In: *55. Konferencia slovenských matematikov* [printed document] / Kúdelčíková, Mária [Compiler]. – 1. vyd. – Žilina (Slovakia) : Žilinská univerzita v Žiline, 2025. – ISBN 978-80-554-2242-8, s. 44-44 [printed form]
Konferencia slovenských matematikov 2025, 55 [Jasná pod Chopkom, Slovakia, 20.11.2025-23.11.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_195 / Slavíčková, Mária (Author) [UKOMFKDMFI] (100%): **Argumentačné výzvy v učebniciach aj mimo nich**. – text, pictures (illustration).
In: *Dva dni s didaktikou matematiky 2025* [electronic document] : zborník príspevkov / Slavíčková, Mária [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – ISBN (online) 978-80-8147-164-3, s. 103-107 [online]
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
Number of all authors: 1
[contribution from event]
Lit.: 15
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_196 / Slavíčková, Mária (Author) [UKOMFKDMFI] (60%) - Novotná, Jarmila (Author) (40%): **Rôzne typy dôvodenia v prípravách študentstva učiteľstva matematiky**. – text, graphs, tables, pictures (illustration).
In: *Dva dny s didaktikou matematiky 2025* [electronic document] : sborník příspěvků / Vondrová, Naďa [Compiler]. – 1. vyd. – Praha (Czech Republic) : Univerzita Karlova v Praze. Pedagogická fakulta, 2025. – ISBN (online) 978-80-7603-642-0, s. 116-122 [online]
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Number of all authors: 2
[contribution from event]
Lit.: 12
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_197 / Somogyi, Pál (Author) [Internal PhD student] [UKOMFKAMS] (100%): **Optimizing Multi-Response Experimental Designs under Linear Constraints**. – text.
In: *EURO 2025 - Leeds* [electronic document] : Technical Program / [bez zostavovateľa] [Compiler]. – 1. vyd. – Birmingham (United Kingdom) : Operational Research Society, 2025, s. 282-282 [online]
European Conference on Operational Research, 34 [Leeds, United Kingdom, 22.06.2025-25.06.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 240 Mathematics and statistics]
[ŠO 1113]

O2_198 / Stachová, Barbora (Author) [Internal PhD student] [UKOMFKEF] (12.5%) - Garcia Angulo, Enmily Loelbis (Author) [Internal PhD student] [UKOMFKEF] (12.5%) - Országh, Juraj (Author) [UKOMFKEF] (12.5%) - Kovár, Samuel Peter (Author) (12.5%) - Papp, Peter (Author) [UKOMFKEF] (12.5%) - Bodewits, Dennis (Author) (12.5%) - Bromley, Steven J. (Author) (12.5%) - Matejčík, Štefan (Author) [UKOMFKEF] (12.5%): **Electron Induced Fluorescence of Carbon Monoxide**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš,

Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 120-124 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 8
[contribution from event]
Lit.: 8
[OV 091 Physics]
[ŠO 1160]

O2_199 / Stano, Michal (Author) [UKOMFKEF] (16.67%) - Kuťka, Martin (Author) [Internal PhD student] [UKOMFKEF] (16.666%) - Staňo, Ľubomír (Author) [UKOMFCENAM] (16.666%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (16.666%) - Zahoranová, Anna (Author) [UKOMFKEF] (16.666%) - Kováčik, Dušan (Author) (16.666%): **Separators for alkaline water electrolysis prepared by plasma-initiated grafting**. – text.
In: *The 4th Plasma Nanotechnologies and Bioapplications Workshop* [printed document] [electronic document] : Scientific program & Book of Abstracts / Sihelník, Slavomír [Compiler] ; Ličková, Petra [Compiler] ; Skácelová, Dana [Compiler] ; Kováčik, Dušan [Compiler]. – 1. vyd. – Brno (Czech Republic) : Masarykova univerzita. Masaryk University Press, 2025. – ISBN 978-80-280-0780-5. – ISBN (online) 978-80-280-0781-2, s. 60-61 [printed form] [online]
Plasma Nanotechnologies and Bioapplications Workshop 2025, 4 [Češkovice, Czech Republic, 20.10.2025-23.10.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_200 / Sučák, Karol (Author) [Internal PhD student] [UKOMFKJFB] (58%) - Ješkovský, Miroslav (Author) [UKOMFKJFB] (7%) - Bobáľ, Boris (Author) [Internal PhD student] [UKOMFKJFB] (7%) - Kaizer, Jakub (Author) [UKOMFKJFB] (7%) - Kontuľ, Ivan (Author) [UKOMFKJFB] (7%) - Zeman, Jakub (Author) [UKOMFKJFB] (7%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (7%): **Datovanie artefaktov s využitím rádioaktívneho uhlíka 14C a stanovenie prvkového zloženia pigmentov metódou PIXE**. – text.
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MatFyz Connections 2025, 2 [Bratislava, Slovakia, 26.11.2025]
Number of all authors: 7
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_201 / Kontuľ, Ivan (Author of correspondence) [UKOMFKJFB] (25%) - Sýkora, Ivan (Author) [UKOMFKJFB] (25%) - Sučák, Karol (Author) [Internal PhD student] [UKOMFKJFB] (25%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (25%): **Activity size distribution of 7Be in aerosol samples collected in Bratislava, Slovakia**. – text.
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International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_202 / Šadláková, Dominika (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Zmeny klimatických podmienok a ich vývoj počas obdobia rokov 1951 – 2100**. – text.
In: *Posterový deň SMS 2025* [electronic document] : Interakcia zložiek krajinnej sféry v meniacej sa klíme 21. storočia / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská meteorologická spoločnosť, 2025. – ISBN (online) 978-80-973051-3-0, s. 35-35 [online]

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Number of all authors: 1
[abstract from event - PP]
Lit.: 1
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1160 - ŠO 1217]

O2_203 / Ševčovičová, Andrea (Author) [UKOPRBGE] (25%) - Makukova, Jana (Author) [Internal PhD student] [UKOPRBGE] (15%) - Mariničová, Kristína (Author) [Internal PhD student] [UKOPRBGE] (5%) - Kyzeková, Ivana (Author) [UKOPRBGE] (5%) - Peťková, Mária (Author) [UKOPRBGE] (5%) - Gaplovská, Katarína (Author) [UKOPRBGE] (5%) - Kubovčíková, Zuzana (Author) [Internal PhD student] [UKOPRBGE] (5%) - Serdahelyová, Júlia (Author) (5%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (5%) - Machala, Zdenko (Author) [UKOMFKAFZM] (5%) - Monfort, Olivier (Author) [UKOPRCAG] (5%) - Gálová, Eliška (Author) [UKOPRBGE] (5%) - Kyzek, Stanislav (Author) [UKOPRBGE] (10%): **Unraveling The Toxicity Of Environmental Pollutants And Their Degradation By Non-Thermal Plasma** : Insights From Organisms Lacking An Endocrine System. – text.
In: *The International Seminar of Ecology - 2025* [electronic document] : Modern Ecology – Theoretical and Applied View : program and abstracts / Chankova, Stephka [Compiler] ; Todorova, Teodora [Compiler]. – 1. vyd. – Sofia (Bulgaria) : Institute of Biodiversity and Ecosystem Research at Bulgarian Academy of Sciences, 2025. – ISBN (online) 978-619-206-295-8, s. 54-55 [online]
The International Seminar of Ecology [Sofia, Bulgaria, 25.09.2025-26.09.2025]
Number of all authors: 13
[abstract from event - PP]
[OV 130 Life sciences - OV 120 Chemistry, chemical technology and biotechnology - OV 091 Physics]
[ŠO 1536 - ŠO 1420 - ŠO 1160]

O2_204 / Šilha, Jiří (Author) [UKOMFKAFZM] (20%) - Žilková, Danica (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Jevčák, Peter (Author) (20%) - Hrobár, Tomáš (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Kuksenko, Vitalii (Author) [Internal PhD student] [UKOMFKAFZM] (20%): **Artificial space objects characterization using low- and high-resolution spectroscopy**. – text.
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Bezovec 2025, 57 [Nová Lehota, Slovakia, 06.06.2025-08.06.2025]
Number of all authors: 5
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_205 / Šilha, Jiří (Author) [UKOMFKAFZM] (20%) - Zigo, Matej (Author) (12%) - Loehle, Stefan (Author) (12%) - Mueller, Clemens (Author) (9%) - Tóth, Juraj (Author) [UKOMFKAFZM] (10%) - Paulech, Tomáš (Author) [UKOMFKAFZM] (5%) - Zander, Fabian (Author) (5%) - Birch, Byrenn (Author) (3%) - Ravichandran, Ranjith (Author) (3%) - Armstrong, Gerard (Author) (3%) - Lips, Tobias (Author) (3%) - Kärräng, Patrik (Author) (3%) - Jilete, Beatriz (Author) (5%) - Virgili, Benjamin (Author) (2%) - Lemmens, Stijn (Author) (5%): **Re-entry Observation Setup and International Execution (ROSIE) mission**. – text, photographs, tables.
In: *9th European Conference on Space Debris* [electronic document] : [Conference Proceedings] / Lemmens, S. [Compiler] ; Flohrer, Tim [Compiler] ; Schmitz, F. [Compiler]. – 1. vyd. – Darmstadt (Germany) : European Space Agency. ESA Space Debris Office, 2025, s. [1-4] [online]
European Conference on Space Debris 2025, 9 [Bonn, Germany, 01.04.2025-04.04.2025]
Number of all authors: 15
[contribution from event]
Lit.: 6
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

O2_206 / Šilha, Jiří (Author) [UKOMFKAFZM] (30%) - Bartková, Daniela (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Tóth, Juraj (Author) [UKOMFKAFZM] (15%) - Paulech, Tomáš (Author) [UKOMFKAFZM] (5%) - Zigo, Matej (Author) (10%) - Lips, Tobias (Author) (2%) - Kärräng, Patrik (Author) (2%) - Loehle, Stefan (Author) (2%) - Mueller, Clemens (Author) (2%) - Zander, Fabian (Author) (2%) - Birch, Byrenn (Author) (2%) - Ravichandran, Ranjith (Author) (2%) - Armstrong, Gerard (Author) (2%) - Jilete, Beatriz

(Author) (2%) - Lemmens, Stijn (Author) (2%): **Science and Modelling of the ESA Salsa Satellite Re-Entry Captured During Airborne Observation**. – text, photographs, graphs, pictures (illustration).
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Advanced Maui Optical and Space Surveillance Technologies, 26 [Maui, United States, 16.09.2025-19.09.2025]
Number of all authors: 15
[contribution from event]
Lit.: 9
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

O2_207 / Zigo, Matej (Author of correspondence) (30%) - Šilha, Jiří (Author) [UKOMFKAFZM] (25%) - Tóth, Juraj (Author) [UKOMFKAFZM] (5%) - Bartková, Daniela (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Paulech, Tomáš (Author) [UKOMFKAFZM] (5%) - Jilete, Beatriz (Author) (5%) - Lemmens, Stijn (Author) (5%): **Advancing Re-Entry Event Characterization: Astros Solutions' Contributions to Space Safety and Re-entry risk Assessment**. – text, photographs, graphs, tables.
In: *76th International Astronautical Congress Sydney* [electronic document] : Technical Programme / [bez zostavovateľa] [Compiler]. – 1. vyd. – Paríž (France) : International Astronautical Federation, 2025, s. 1-10 [online]
International Astronautical Congress 2025, 76 [Sydney, Australia, 29.09.2025-03.10.2025]
Number of all authors: 7
[contribution from event]
Lit.: 15
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_208 / Škoviera, Martin (Author) [UKOMFKI] (50%) - Mačajová, Edita (Author) [UKOMFKI] (50%): **Are there any permutation snarks of order 6 (mod 8)?**. – text.
In: *60th Czech-Slovak Conference on Graph Theory* [printed document] : Book of Abstracts / [bez zostavovateľa] [Compiler] ; Holub, Přemek [Compiler] ; Šebková, Milena [Compiler]. – 1. vyd. – Plzeň (Czech Republic) : Západočeská univerzita v Plzni, 2025, s. 34-34 [printed form]
Czech-Slovak Conference on Graph Theory, 60 [Hluboká nad Vltavou, Czech Republic, 26.05.2025-30.05.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 2
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O2_209 / Šturc, Michal (Author) [Internal PhD student] [UKOMFKAFZM] (33.334%) - Nagy, Roman (Author) [UKOMFKAFZM] (33.333%) - Janák, Filip (Author) [Internal PhD student] [UKOMFKAFZM] (33.333%): **Galactic warp in rotated galactic coordinates**. – text.
In: *Bezovec 2025* [electronic document] : Conference of Young Astronomers / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská astronomická spoločnosť, 2025, s. 8-8 [online]
Bezovec 2025, 57 [Nová Lehota, Slovakia, 06.06.2025-08.06.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_210 / Tatarevska, Hanna (Author) (20%) - Peralta Ayala, Jairo Christopher (Author) [Internal PhD student] [UKOMFKEF] (20%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (20%) - Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (20%) - Veis, Pavel (Author) [UKOMFKEF] (20%): **Quantification of Low Concentration of Cu and Cr in Saline Infussion Using Nanoparticles Enhancement LIBS (NELIBS)**. – text.
In: *5th AMACEE Conference* [electronic document] : Book of abstracts / Mádi, Lenka [Compiler]. – 1. vyd. – Brno (Czech Republic) : Vysoké učení technické v Brně. Nakladatelství Vutium, 2025. – ISBN (online) 978-80-214-6358-5, s. 60-60 [online]
Advanced Measurement, Analysis, and Control for Energy and Environment, 5 [Brno, Czech Republic, 26.08.2025-28.08.2025]

Number of all authors: 5
[poster from event - PP]
Lit.: 5
[OV 091 Physics]
[ŠO 1160]

O2_211 / Tóth, Juraj (Author) [UKOMFKAFZM] (8.337%) - Matlovič, Pavol (Author) [UKOMFKAFZM] (8.333%) - Kornoš, Leonard (Author) [UKOMFKAFZM] (8.333%) - Paulech, Tomáš (Author) [UKOMFKAFZM] (8.333%) - Zigo, Pavol (Author) [UKOMFKAFZM] (8.333%) - Baláž, Martin (Author) (8.333%) - Vörös, Tomáš (Author) [Internal PhD student] [UKOMFKAFZM] (8.333%) - Paprskárová, Mária (Author) [Internal PhD student] [UKOMFKAFZM] (8.333%) - Hlobik, Filip (Author) [Internal PhD student] [UKOMFKAFZM] (8.333%) - Pisarčíková, Adriana (Author) (8.333%) - Pazderová, Veronika (Author) [Internal PhD student] [UKOMFKAFZM] (8.333%) - Šimon, Jaroslav (Author) [UKOMFKAFZM] (8.333%): **AMOS global meteor network - status and results**. – text.
In: *Bezovec 2025* [electronic document] : Conference of Young Astronomers / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská astronomická spoločnosť, 2025, s. 6-6 [online]
Bezovec 2025, 57 [Nová Lehota, Slovakia, 06.06.2025-08.06.2025]
Number of all authors: 12
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_212 / Tóth, Peter (Author) [Internal PhD student] [UKOMFKAFZM] (33.334%) - Janda, Mário (Author) [UKOMFKAFZM] (33.333%) - Smirnov, Sergei (Author) [Internal PhD student] [UKOMFKAFZM] (33.333%): **Emission Spectra of Transient Spark with Electrospray**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 246-250 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 3
[contribution from event]
Lit.: 9
[OV 091 Physics]
[ŠO 1160]

O2_213 / Trnovská, Mária (Author) [UKOMFKAMS] (50%) - Halická, Margaréta (Author) (50%): **Efficiency Measurement and Returns-to-Scale Analysis in Selective Slacks-Based Models**. – text.
In: *EURO 2025 - Leeds* [electronic document] : Technical Program / [bez zostavovateľa] [Compiler]. – 1. vyd. – Birmingham (United Kingdom) : Operational Research Society, 2025, s. 138-138 [online]
European Conference on Operational Research, 34 [Leeds, United Kingdom, 22.06.2025-25.06.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 240 Mathematics and statistics]
[ŠO 1113]

O2_214 / Hirose, Katsumi (Author of correspondence) (25%) - Tsumune, Daisuke (Author) (25%) - Sakaguchi, Aya (Author) (25%) - Povinec, Pavel P. (Author) [UKOMFKJFB] (25%): **Partitioning of plutonium between bottom waters and sediments in the Far Eastern Seas**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 72-72 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 4
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_215 / Turiničová, Veronika (Author) [Internal PhD student] [UKOMFCENAM] (40%) - Poláčková, Magdaléna (Author) [Internal PhD student] [UKOMFCENAM] (20%) - Roch, Tomáš (Author) [UKOMFCENAM] (10%) - Šroba, Viktor (Author) (15%) - Tofail, Syed Ansar M. (Author) (5%) - Gregor, Maroš (Author) [UKOMFCENAM] (10%): **Oxygen Deficiency and Crystallinity as Determinants of Charge Trapping in Hydroxyapatite Thin Films**. – text.
In: *APCOM 2025* [electronic document] : Scientific Program / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská technická univerzita v Bratislave. Fakulta elektrotechniky a informatiky, 2025, s. [1-1] [online]
Applied Physics of Condensed Matter, 30 [Štrbské Pleso, Slovakia, 25.06.2025-27.06.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

O2_216 / Turiničová, Veronika (Author) [Internal PhD student] [UKOMFCENAM] (40%) - Poláčková, Magdaléna (Author) [Internal PhD student] [UKOMFCENAM] (20%) - Šroba, Viktor (Author) (5%) - Roch, Tomáš (Author) [UKOMFCENAM] (10%) - Barnana, Hema Dinesh (Author) (5%) - Ul-Haq, E. (Author) (5%) - Tofail, Syed Ansar M. (Author) (5%) - Gregor, Maroš (Author) [UKOMFCENAM] (10%): **Real Charge Trapping in Hydroxyapatite Thin Films Prepared by Pulsed Laser Deposition**. – text, pictures (illustration).
In: *20th International Symposium on Electrets* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Washington (United States) : Institute of Electrical and Electronics Engineers. IEEE Dielectrics and Electrical Insulation Society, 2025, s. 128-129 [online]
International Symposium on Electrets 2025, 20 [Matsue, Japan, 01.09.2025-05.09.2025]
Number of all authors: 8
[poster from event - PP]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

O2_217 / Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (25%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (25%) - Peralta Ayala, Jairo Christopher (Author) [Internal PhD student] [UKOMFKEF] (15%) - Tatarevska, Hanna (Author) (15%) - Contreras, Victor (Author) (5%) - Veis, Pavel (Author) [UKOMFKEF] (15%): **Quantification of Low Concentration of Boron in Liquids Sample Using LIBS Assisted by Acoustic Levitation LIBS (LIBS-AL)**. – text.
In: *5th AMACEE Conference* [electronic document] : Book of abstracts / Mádi, Lenka [Compiler]. – 1. vyd. – Brno (Czech Republic) : Vysoké učení technické v Brně. Nakladatelství Vutium, 2025. – ISBN (online) 978-80-214-6358-5, s. 22-23 [online]
Advanced Measurement, Analysis, and Control for Energy and Environment, 5 [Brno, Czech Republic, 26.08.2025-28.08.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_218 / Vargová, Michaela (Author) [UKOMFKDMFI] (50%) - Vankúš, Peter (Author) [UKOMFKDMFI] (50%): **Zavádzanie pojmu stredná hodnota vo vyučovaní matematiky** = Introducing the Concept of Mean Value in Mathematics Education. – text.
In: *Vývoj a perspektívy matematického vzdelávania* [electronic document] : zborník abstraktov. Nitrianska matematická konferencia organizovaná Katedrou matematiky FPVaI UKF v Nitre dňa 23. 10. 2025 pod záštitou rektora Univerzity Konštantína Filozofa v Nitre prof. RNDr. Libora Vozára, CSc. a dekana Fakulty prírodných vied a informatiky Univerzity Konštantína Filozofa v Nitre prof. RNDr. Františka Petroviča, PhD., MBA pri príležitosti nedožitých 90 rokov Dr. h. c. prof. RNDr. Ondreja Šedivého, CSc. / Rumanová, Lucia [Compiler] ; Páleníková, Kitti [Compiler]. – 1. vyd. – Nitra (Slovakia) : Univerzita Konštantína Filozofa v Nitre. Fakulta prírodných vied a informatiky, 2025. – (Prírodovedec : edícia UKF v Nitre ; 908). – ISBN 978-80-558-2317-1, s. 18-18 [printed form] [online]
Nitrianska matematická konferencia [Nitra, Slovakia, 23.10.2025]
Number of all authors: 2

[abstract from event - PP]
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_219 / Vargová, Michaela (Author) [UKOMFKDMFI] (50%) - Vankúš, Peter (Author) [UKOMFKDMFI] (50%): **Stredné hodnoty**. – text, pictures (illustration).
In: *Dva dni s didaktikou matematiky 2025* [electronic document] : zborník príspevkov / Slavíčková, Mária [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025. – ISBN (online) 978-80-8147-164-3, s. 119-121 [online]
Dva dni s didaktikou matematiky 2025, 10 [Bratislava, Slovakia, 04.09.2025-05.09.2025]
Number of all authors: 2
[contribution from event]
Lit.: 2
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O2_220 / Vazquez, Thomas (Author) (20%) - Destrieux, Alex Jean Andre (Author) [UKOMFKAFZM] (20%) - Lavrikova, Aleksandra (Author) (10%) - Wiederman, D. (Author) (5%) - Babic, J. (Author) (5%) - Palko, Maroš (Author) [103202] (5%) - Palko, Miroslav (Author) [103202] (5%) - Janda, Mário (Author) [UKOMFKAFZM] (5%) - Hensel, Karol (Author) [UKOMFKAFZM] (5%) - Machala, Zdenko (Author) [UKOMFKAFZM] (20%): **Indoor air decontamination by non-thermal DBD plasma and photocatalysis**. – text.
In: *ICPIG 2025* [electronic document] : Detailled Program - Book of abstracts / [bez zostavovateľa] [Author]. – 1.. vyd. – Marseille (France) : Aix Marseille Université, 2025, s. 61-61 [online]
International Conference on Phenomena in Ionized Gases 2025, 36 [Aix en Provence, France, 20.07.2025-25.07.2025]
Number of all authors: 10
[abstract from event - PP]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

O2_221 / Vazquez, Thomas (Author) (40%) - Lavrikova, Aleksandra (Author) (20%) - Wiedermann, Dalimír (Author) (5%) - Babic, Ján (Author) (5%) - Machala, Zdenko (Author) [UKOMFKAFZM] (30%): **Indoor Air Cleaning by Non-Thermal Plasma and Photocatalysis**.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 74-76 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 5
[contribution from event]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_222 / Veis, Matej (Author) [UKOMFKEF] (34%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (33%) - Veis, Pavel (Author) [UKOMFKEF] (33%): **Laser Induced Plasma of CaF2**. – text.
In: *5th AMACEE Conference* [electronic document] : Book of abstracts / Mádi, Lenka [Compiler]. – 1. vyd. – Brno (Czech Republic) : Vysoké učení technické v Brně. Nakladatelství Vutium, 2025. – ISBN (online) 978-80-214-6358-5, s. 72-72 [online]
Advanced Measurement, Analysis, and Control for Energy and Environment, 5 [Brno, Czech Republic, 26.08.2025-28.08.2025]
Number of all authors: 3
[poster from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_223 / Veis, Pavel (Author) [UKOMFKEF] (20%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (20%) - Veis, Matej (Author) [UKOMFKEF] (20%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (10%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (10%) - Bhat, Pavitra Ganapati (Author) [Internal PhD student] [UKOMFKEF] (5%) - Šiškovič, Gorazd (Author) (5%) - Ramachandran, Krishnadev Elambalassery (Author) [Internal PhD student] [UKOMFKEF] (5%) - Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (5%): **Enhancing LIBS Depth Resolution in Fusion-Relevant Samples Using Picosecond Lasers and Plasma Re-Excitation Techniques**. – text.
In: *5th AMACEE Conference* [electronic document] : Book of abstracts / Mádi, Lenka [Compiler]. – 1. vyd. – Brno (Czech Republic) : Vysoké učení technické v Brně. Nakladatelství Vutium, 2025. – ISBN (online) 978-80-214-6358-5, s. 37 [online]
Advanced Measurement, Analysis, and Control for Energy and Environment, 5 [Brno, Czech Republic, 26.08.2025-28.08.2025]
Number of all authors: 9
[abstract from event - PP]
Lit.: 6
[OV 091 Physics]
[ŠO 1160]

O2_224 / Veis, Pavel (Author) [UKOMFKEF] (14.29%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (14.285%) - Veis, Matej (Author) [UKOMFKEF] (14.285%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (14.285%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (14.285%) - Ramachandran, Krishnadev Elambalassery (Author) [Internal PhD student] [UKOMFKEF] (14.285%) - Bhat, Pavitra Ganapati (Author) [Internal PhD student] [UKOMFKEF] (14.285%): **Different Re-excitation of Laser Induced Plasma for Enhancement and Prolongation of Spectral Emission – towards Precise Depth Profile Analysis**. – text.
In: *21st International Symposium on Laser-Aided Plasma Diagnostics* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Ecublens (Switzerland) : Ecole Polytechnique Federale de Lausanne. Swiss Plasma Center, 2025, s. 123-124 [online]
International Symposium on Laser-Aided Plasma Diagnostics, 19 [Whitefish, United States, 22.09.2019-26.09.2019]
Number of all authors: 7
[abstract from event - PP]
Lit.: 7
[OV 091 Physics]
[ŠO 1160]

O2_225 / Veis, Pavel (Author) [UKOMFKEF] (16%) - Peralta Ayala, Jairo Christopher (Author) [Internal PhD student] [UKOMFKEF] (16%) - Shetty, Sanath Jagannath (Author) [Internal PhD student] [UKOMFKEF] (16%) - Veis, Matej (Author) [UKOMFKEF] (16%) - Dhanada, Sukumaran V. (Author) (10%) - Neelmani, Neelmani (Author) (10%) - Urbina Medina, Ivan Alexander (Author) [UKOMFKEF] (16%): **Trace Elements Detection and CF Elemental Analysis of Water by LIBS for Environmental Control- Comparison of Surface Assisted, Acoustic Levitation and NE Methods**. – text.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma Processing* [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 78-78 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 7
[abstract from event - PP]
Lit.: 9
[OV 091 Physics]
[ŠO 1160]

O2_226 / Viskupová, Katarína (Author) [Internal PhD student] [UKOMFCENAM] (8.337%) - Šroba, Viktor (Author) (8.333%) - Lu, Jun (Author) (8.333%) - Primetzhofer, Daniel (Author) (8.333%) - Wicher, Bartosz (Author) (8.333%) - Rogoz, Vladyslav (Author) (8.333%) - Roch, Tomáš (Author) [UKOMFCENAM] (8.333%) - Truchlý, Martin (Author) [UKOMFCENAM] (8.333%) - Mikula, Marián (Author) [UKOMFCENAM] (8.333%) - Petrov, Ivan (Author) (8.333%) - Hultman, Lars (Author) (8.333%) - Greczynski, Grzegorz (Author) (8.333%):

Dense Hard TiBx Films Grown by Magnetron Sputtering without Substrate Heating Using W-Ion Irradiation. – text.
In: *APCOM 2025* [electronic document] : Scientific Program / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská technická univerzita v Bratislave. Fakulta elektrotechniky a informatiky, 2025, s. [1-1] [online]
Applied Physics of Condensed Matter, 30 [Štrbské Pleso, Slovakia, 25.06.2025-27.06.2025]
Number of all authors: 12
[abstract from event - PP]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

O2_227 / Vorobiov, Serhii I. (Author) [UPS14201] (30%) - Stropkai, Branislav (Author) [Internal PhD student] [UPS14201] (15%) - Latyshev, Vitalii (Author) [UPS14201] (5%) - Lisnichuk, Maksym (Author) [UPS14201] (10%) - Čižmár, Erik (Author) [UPS14201] (10%) - Shpetnyi, Ihor O. (Author) [UKOMFCENAM] (10%) - Komanický, Vladimír (Author) [UPS14201] (20%): **Magnetocaloric Effect in Ni3Pt-Based Nanoribbon Arrays**. – text. – [reviewed].
In: *2025 IEEE 15th International Conference "Nanomaterials: Applications & Properties"* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – [Piscataway] (United States) : Institute of Electrical and Electronics Engineers, 2025, s. 394-394 [online]
International Conference “Nanomaterials: Applications & Properties” 2025, 15 [Bratislava, Slovakia, 07.09.2025-12.09.2025]
Number of all authors: 7
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_228 / Waczulíková, Iveta (Author) [UKOMFKJFB] (20%) - Zvarík, Milan (Author) [UKOMFKJFB] (10%) - Mydla, Patrick (Author) [Internal PhD student] [UKOMFKJFB] (10%) - Šutý, Šimon (Author) [UKOMFKJFB] (10%) - Janko, Dávid (Author) [Internal PhD student - external training center] [UKOPRBZF] (10%) - Balis, P. (Author) (10%) - Jasenovec, Tomáš (Author) [UKOLFFYU] (10%) - Radošinská, Jana (Author) [UKOLFFYU] (10%) - Kvandová, Miroslava (Author) (10%): **Changes in RBC membrane lipid packing in a metabolic syndrome model - implications for blood rheology**. – text.
In: *52. pracovná konferencia Komisie experimentálnej kardiológie* [printed document] : Zborník abstraktov / [bez zostavovateľa] [Compiler]. – 1. vyd. – Banská Bystrica (Slovakia) : Občianske združenie Preveda, 2025. – ISBN 978-80-974608-5-3, s. [16-17] [printed form]
Pracovná konferencia Komisie experimentálnej kardiológie, 52 [Pezinok, Slovakia, 15.10.2025-17.10.2025]
Number of all authors: 9
[abstract from event - PP]
Lit.: 7
[OV 130 Life sciences - OV 180 Medical, pharmaceutical and non-medical health sciences - OV 091 Physics]
[ŠO 1536 - ŠO 5141 - ŠO 1160]

O2_229 / Destrieux, Alex Jean Andre (Author of correspondence) [UKOMFKAFZM] (45%) - Wiederman, D. (Author) (10%) - Babic, J. (Author) (5%) - Palko, Miroslav (Author) (5%) - Palko, Maroš (Author) (5%) - Machala, Zdenko (Author) [UKOMFKAFZM] (30%): **Large scale air decontamination system using dielectric barrier discharge combined with UV activated TiO2**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 56-56 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 6
[abstract from event - PP]
Lit.: 3
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O2_230 / UKAEA RACE Team [Author corporation] ; Yi, Rongxing (Author) (4.555%) - Rayaprolu, Rahul (Author) (4.545%) - Likonen, Jari (Author) (4.545%) - Almaviva, Salvatore (Author) (4.545%) - Jepu, Ionut (Author) (4.545%) - Sergienko, Gennady V. (Author) (4.545%) - Widdowson, Anna (Author) (4.545%) - Atikukke, Sahithya (Author) [UKOMFKAFZM] (4.545%) - Dittmar, Timo (Author) (4.545%) - Karhunen, Juuso (Author) (4.545%) - Gasior, Pawel (Author) (4.545%) - Sackers, Marc (Author) (4.545%) - Soni, Shweta (Author) [Internal PhD student] [UKOMFKEF] (4.545%) - Wüst, Erik (Author) (4.545%) - Butikova, Jelena (Author) (4.545%) - Gromelski, Wojciech (Author) (4.545%) - Hakola, Antti H. (Author) (4.545%) - Jogi, Indrek (Author) (4.545%) - Paris, Peeter (Author) (4.545%) - Ristkok, Jasper (Author) (4.545%) - Veis, Pavel (Author) [UKOMFKEF] (4.545%) - Brezinsek, Sebastijan (Author) (4.545%): **In-vessel and depth-resolved hydrogen isotope composition analysis in JET by LIBS operated on a remote handling arm**. – text.
In: *20th International Conference on Plasma-Facing Materials and Components for Fusion Applications* [electronic document] : Book of Abstracts / Markelj, Sabina [Compiler] ; Jenuš, Petra [Compiler] ; Bučar, Klemen [Compiler]. – 1. vyd. – Ľubľana (Slovenia) : Jožef Stefan Institute, 2025. – ISBN (online) 978-961-264-316-4, s. 154-155 [online]
Plasma-Facing Materials and Components for Fusion Applications 2025, 20 [Ľubľana, Slovenia, 19.05.2025-23.05.2025]
Number of all authors: 22
[poster from event - PP]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

O2_231 / Gahramanli, Sahila (Author of correspondence) [Internal PhD student] [UKOMFKEF] (80%) - Zahoranová, Anna (Author) [UKOMFKEF] (10%) - Ličková, Petra (Author) [UKOMFKEF] (10%): **Analysis of plasma-induced surface modifications on polymers: a comparative study of PA, PP, PC using DCSBD and Piezobrush**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 89-89 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 3
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

O2_232 / Ličková, Petra (Author of correspondence) [UKOMFKEF] (80%) - Zahoranová, Anna (Author) [UKOMFKEF] (20%): **Plasma technology for enhanced seed germination and polymer coating adhesion**. – text.
In: *Book of Abstracts* [printed document] [electronic document] : 10th Central – European Symposium on Plasma Chemistry : 21st International Conference on Plasma Physics and Applications / Dobrin, Daniela [Compiler] ; Magureanu, Monica [Compiler] ; Mitu, Bogdana [Compiler] ; Satulu, Veronica [Compiler]. – 1. vyd. – Magurele (Romania) : Institutul National pentru Fizica Laserilor, Plasmei si Radiatiei, 2025. – (International Conference on Plasma Physics and Applications, ISSN 2344-0481), s. 133-133 [printed form] [online]
Central European Symposium on Plasma Chemistry 2025, 10 [Bukurešť, Romania, 01.09.2025-05.09.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 4
[OV 091 Physics]
[ŠO 1160]

O2_233 / Zahoranová, Anna (Author) [UKOMFKEF] (10%) - Ďurčányová, Sandra (Author) [Internal PhD student] [UKOMFKEF] (20%) - Ličková, Petra (Author) [UKOMFKEF] (10%) - Švubová, Renáta (Author) [UKOPRBFR] (10%) - Bathóová, Monika (Author) [UKOPRBFR] (10%) - Kostoláni, Dominik (Author) [UKOPRBFR] (10%) - Kyzek, Stanislav (Author) [UKOPRBGE] (10%) - Gálová, Eliška (Author) [UKOPRBGE] (10%) - Kováčik, Dušan (Author) [Part-time] [UKOMFKEF] (10%): **Comparative Study of Plasma Treatment of Pea Seeds with Different Germination Using Two Plasma Sources**. – text, graphs.
In: *25th Symposium on Application of Plasma Processes and 14th EU-Japan Joint Symposium on Plasma*

Processing [electronic document] : Book of Contributed Papers / Megersa, Gadisa Deme [Compiler] ; Maťaš, Emanuel [Compiler] ; Országh, Juraj [Compiler] ; Papp, Peter [Compiler] ; Matejčík, Štefan [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Spoločnosť pre podporu výskumu a aplikácií plazmy, 2025. – ISBN (online) 978-80-972179-5-2, s. 192-195 [online]
Symposium on Application of Plasma Processes 2025, 25 [Štrbské Pleso, Slovakia, 31.01.2025-05.02.2025]
Number of all authors: 9
[contribution from event]
Lit.: 6
[OV 091 Physics - OV 130 Life sciences]
[ŠO 1160 - ŠO 1536]

O2_234 / Zhytlukhina, Olena S. (Author) [UKOMFCENAM] (35%) - Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (35%) - Seidel, Paul (Author) (30%): **Probing N/I/S/I/S heterostructures by an extended BTK approach**. – text.
In: *EUCAS 2025* [electronic document] : 17th European Conference on Applied Superconductivity, 21-25 September 2025, Porto / [bez zostavovateľa] [Compiler]. – 1. vyd. – Porto (Portugal) : [s.n.], 2025, s. [1-1] [online]
European Conference on Applied Superconductivity, 17 [Porto, Portugal, 21.09.2025-25.09.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics]
[ŠO 1160]

O2_235 / Zigo, Matej (Author) (35%) - Bartková, Daniela (Author) [Internal PhD student] [UKOMFKAFZM] (25%) - Šilha, Jiří (Author) [UKOMFKAFZM] (20%) - Tóth, Juraj (Author) [UKOMFKAFZM] (10%) - Lemmens, Stijn (Author) (5%) - Jillet, Beatriz (Author) (5%): **Validation of the ESA statistical re-entry modelling tool DRAMA on ground-based optical data**. – text, photographs, graphs, tables, pictures (illustration).
In: *9th European Conference on Space Debris* [electronic document] : [Conference Proceedings] / Lemmens, S. [Compiler] ; Flohrer, Tim [Compiler] ; Schmitz, F. [Compiler]. – 1. vyd. – Darmstadt (Germany) : European Space Agency. ESA Space Debris Office, 2025, s. [1-8] [online]
European Conference on Space Debris 2025, 9 [Bonn, Germany, 01.04.2025-04.04.2025]
Number of all authors: 6
[contribution from event]
Lit.: 14
[OV 092 Earth and space sciences]
[ŠO 1217 - ŠO 1160]

O2_236 / Žilková, Danica (Author) [Internal PhD student] [UKOMFKAFZM] (30%) - Šilha, Jiří (Author) [UKOMFKAFZM] (18%) - Vojtek, Pavel (Author) [Part-time] [UKOMFKEF] (9%) - Rodriguez-Villamizar, Julian (Author) (9%) - de Leon Cruz, Julia (Author) (9%) - Matlovič, Pavol (Author) [UKOMFKAFZM] (5%) - Sabolová, Katarína (Author) (5%) - Schildknecht, Thomas (Author) (5%) - Tóth, Juraj (Author) [UKOMFKAFZM] (5%) - László, Róbert (Author) (5%): **Connecting laboratory and spectroscopic observations of aerospace materials to characterize the reflectivity of artificial space objects and debris in LEO regimes**. – text. – DOI 10.52202/078360-0079.
In: *22nd IAA Symposium on Space Debris* (2) [printed document] [electronic document] : Held at the 75th International Astronautical Congress (IAC 2024) / [bez zostavovateľa] [Compiler]. – 1. vyd. – Paríž (France) : International Astronautical Federation, 2025. – (Proceedings of the International Astronautical Congress, IAC, ISSN 0074-1795). – ISBN (online) 9798331312114, s. 860-869 [online]
IAA Symposium on Space Debris 2024, 22 [Miláno, Italy, 14.10.2024-18.10.2024]
Number of all authors: 10
[contribution from event]
Lit.: 16
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

O3
Počet výstupov: 28

O3_001 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.366%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara

(Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Electroweak, QCD and flavour physics studies with ATLAS data from Run 2 of the LHC**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physrep.2024.12.003. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physics Reports* [printed document] [electronic document] : Review Section of Physics Letters. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-1573. – ISSN (online) 1873-6270. – suppl. ATLAS and CMS Run II Legacy results, č. 1116 (2025), s. 57-126 [printed form] [online]
Number of all authors: 2901
[article]
Lit.: 370
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 29.5 - 2024
SNIP: 8,673 - 2024
SJR: 5,735 - 2024
CiteScore: 49,9 - 2024
AIS: 8.636 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

O3_002 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.57%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **ATLAS searches for additional scalars and exotic Higgs boson decays with the LHC Run 2 dataset**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physrep.2024.09.002. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physics Reports* [printed document] [electronic document] : Review Section of Physics Letters. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-1573. – ISSN (online) 1873-6270. – suppl. ATLAS and CMS Run II Legacy results, č. 1116 (2025), s. 184-260 [printed form] [online]
Number of all authors: 2896
[article]
Lit.: 203
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 29.5 - 2024
SNIP: 8,673 - 2024
SJR: 5,735 - 2024
CiteScore: 49,9 - 2024
AIS: 8.636 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

O3_003 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.57%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abdelhameed, Sara (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal

(Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Climbing to the Top of the ATLAS 13 TeV data**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physrep.2024.12.004. – OA ; SCO ; WOS CC ; SCIE ; CCC.
In: *Physics Reports* [printed document] [electronic document] : Review Section of Physics Letters. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-1573. – ISSN (online) 1873-6270. – suppl. ATLAS and CMS Run II Legacy results, č. 1116 (2025), s. 127-183 [printed form] [online]
Number of all authors: 2896
[article]
Lit.: 277
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 29.5 - 2024
SNIP: 8,673 - 2024
SJR: 5,735 - 2024
CiteScore: 49,9 - 2024
AIS: 8.636 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

O3_004 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (0.992%) - Aakvaag, Erlend (Member of corporation) (0.034%) - Abbott, B. (Member of corporation) (0.034%) - Abeling, Kira (Member of corporation) (0.034%) - Abicht, N. J. (Member of corporation) (0.034%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.034%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.034%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.034%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.034%) - Keszeghová, Lucia (Member of corporation) (0.034%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.034%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.034%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.034%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.034%): **Exploration at the high-energy frontier: ATLAS Run 2 searches investigating the exotic jungle beyond the Standard Model**. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.physrep.2024.10.001. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physics Reports* [printed document] [electronic document] : Review Section of Physics Letters. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-1573. – ISSN (online) 1873-6270. – suppl. ATLAS and CMS Run II Legacy results, č. 1116 (2025), s. 301-385 [printed form] [online]
Number of all authors: 2913
[article]
Lit.: 351
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 29.5 - 2024
SNIP: 8,673 - 2024
SJR: 5,735 - 2024
CiteScore: 49,9 - 2024
AIS: 8.636 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

O3_005 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.475%) - Aakvaag, Erlend (Member of corporation) (0.035%) - Abbott, B. (Member of corporation) (0.035%) - Abeling, Kira (Member of corporation) (0.035%) - Abicht, N. J. (Member of corporation) (0.035%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.035%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.035%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.035%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.035%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.035%) - Keszeghová, Lucia (Member of corporation) (0.035%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.035%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.035%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.035%) - Ženiš, Tibor (Member of

corporation) [UKOMFKJFB] (0.035%): **Characterising the Higgs boson with ATLAS data from the LHC Run-2**. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physrep.2024.11.001. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physics Reports* [printed document] [electronic document] : Review Section of Physics Letters. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-1573. – ISSN (online) 1873-6270. – suppl. ATLAS and CMS Run II Legacy results, č. 1116 (2025), s. 4-56 [printed form] [online]
Number of all authors: 2816
[article]
Lit.: 207
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 29.5 - 2024
SNIP: 8,673 - 2024
SJR: 5,735 - 2024
CiteScore: 49,9 - 2024
AIS: 8.636 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

O3_006 / ATLAS Collaboration [Author corporation] ; Aad, G. (Member of corporation) (1.3%) - Aakvaag, Erlend (Member of corporation) (0.035%) - Abbott, B. (Member of corporation) (0.035%) - Abeling, Kira (Member of corporation) (0.035%) - Abicht, N. J. (Member of corporation) (0.035%) - Astaloš, Róbert (Member of corporation) [UKOMFKJFB] (0.035%) - Bartoš, Pavol (Member of corporation) [UKOMFKJFB] (0.035%) - Dohnalová, Adriana (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.035%) - Dubovský, Michal (Member of corporation) [UKOMFKJFB] (0.035%) - Eckerová, Barbora (Member of corporation) [UKOMFKJFB] (0.035%) - Keszeghová, Lucia (Member of corporation) (0.035%) - Suchý, Daniel (Member of corporation) [Internal PhD student] [UKOMFKJFB] (0.035%) - Sýkora, Ivan (Member of corporation) [UKOMFKJFB] (0.035%) - Tokár, Stanislav (Member of corporation) [UKOMFKJFB] (0.035%) - Ženiš, Tibor (Member of corporation) [UKOMFKJFB] (0.035%): **The quest to discover supersymmetry at the ATLAS experiment**. – text, graphs, pictures (illustration). – [reviewed]. – DOI 10.1016/j.physrep.2024.09.010. – SCO ; OA ; WOS CC ; SCIE ; CCC.
In: *Physics Reports* [printed document] [electronic document] : Review Section of Physics Letters. – Amsterdam (Netherlands) : Elsevier. – ISSN 0370-1573. – ISSN (online) 1873-6270. – suppl. ATLAS and CMS Run II Legacy results, č. 1116 (2025), s. 261-300 [printed form] [online]
Number of all authors: 2821
[article]
Lit.: 102
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 29.5 - 2024
SNIP: 8,673 - 2024
SJR: 5,735 - 2024
CiteScore: 49,9 - 2024
AIS: 8.636 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

O3_007 / Benedikt, M. (Author) (1.309%) - Zimmermann, F. (Author) (0.067%) - Auchmann, B. (Author) (0.067%) - Bartmann, W. (Author) (0.067%) - Burnet, J. P. (Author) (0.067%) - Sitár, Branislav (Author) (0.067%): **Future Circular Collider Feasibility Study Report** (2. Accelerators, technical infrastructure and safety). – text, graphs, tables. – [reviewed]. – DOI 10.1140/epjs/s11734-025-01967-4. – SCO ; WOS CC ; CCC ; OA ; SCIE.
In: *European Physical Journal Special Topics* [printed document] [electronic document] . – Heidelberg (Germany) : Springer Nature. Springer International Publishing AG. – ISSN 1951-6355. – ISSN (online) 1951-6401. – Roč. 234, č. 19 (2025), s. 5713-6197 [printed form] [online]
Number of all authors: 1474
[article]
Lit.: 592
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:

IF: 2.3 - 2024
SNIP: 0,779 - 2024
SJR: 0,447 - 2024
CiteScore: 6 - 2024
AIS: 0.554 - 2024
Quartile Q:
2024, AIS - Physics, multidisciplinary - ; **2024, JCI** - Physics, multidisciplinary - ; **2024, JIF** - Physics, multidisciplinary - ; **2024, Scimago** - Materials science (miscellaneous) - ; **2024, Scimago** - Physical and theoretical chemistry - ; **2024, Scimago** - Physics and astronomy (miscellaneous) -

O3_008 / Di Valentino, Eleonora (Author) (0.285%) - Said, Jackson Levi (Author) (0.185%) - Riess, Adam (Author) (0.185%) - Pollo, Agnieszka (Author) (0.185%) - Poulin, Vivian (Author) (0.185%) - Kršsák, Martin (Author) [UKOMFKTF] (0.185%): **The CosmoVerse White Paper** : Addressing observational tensions in cosmology with systematics and fundamental physics. – text, graphs, tables. – [reviewed]. – DOI 10.1016/j.dark.2025.101965. – SCIE ; SCO ; WOS CC ; CCC ; OA.
In: *Physics of the Dark Universe* [electronic document] : Frontiers in Particle Astrophysics and Cosmology. – Amsterdam (Netherlands) : Elsevier. – ISSN (online) 2212-6864. – č. 49 (2025), art. no. 101965, s. 1-263 [online]
Number of all authors: 540
[article]
Lit.: 4293
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 6.4 - 2024
SNIP: 1,289 - 2024
SJR: 1,362 - 2024
CiteScore: 8,4 - 2024
AIS: 1.209 - 2024
Quartile Q:
2024, AIS - Astronomy & astrophysics - ; **2024, JCI** - Astronomy & astrophysics - ; **2024, JIF** - Astronomy & astrophysics - ; **2024, Scimago** - Astronomy and astrophysics - ; **2024, Scimago** - Space and planetary science -

O3_009 / Griguš, Stanislav (Author) (100%): **Ako funguje QR kód**. – text, pictures (illustration).
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 1 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O3_010 / Griguš, Stanislav (Author) (100%): **Roboty budúcnosti**. – text, pictures (illustration).
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 2 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

O3_011 / Griguš, Stanislav (Author) (100%): **Vidieť na diaľku**. – text, pictures (illustration).
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 4 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 091 Physics]
[ŠO 1160]

O3_012 / Griguš, Stanislav (Author) (100%): **Spoľahlivý merač času**. – text, pictures (illustration).

In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 3 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 091 Physics]
[ŠO 1160]

O3_013 / Griguš, Stanislav (Author) (100%): **Zápchy a pruhy**. – text, pictures (illustration).
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 5 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 050 Designing, engineering, technology and water management]
[ŠO 3507]

O3_014 / Griguš, Stanislav (Author) (100%): **Magické čísla**. – text, pictures (illustration).
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 6 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 240 Mathematics and statistics]
[ŠO 1113]

O3_015 / Griguš, Stanislav (Author) (100%): **Pre lenivé kosti**. – text, pictures (illustration).
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 8 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 091 Physics]
[ŠO 1160]

O3_016 / Griguš, Stanislav (Author) (100%): **Vznášajúca sa dráha**. – text, photographs.
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 9 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 050 Designing, engineering, technology and water management]
[ŠO 3507]

O3_017 / Janda, Mário (Author) [UKOMFKAFZM] (25%) - Stancampiano, Augusto (Author) (25%) - di Natale, Francesco (Author) (25%) - Machala, Zdenko (Author) [UKOMFKAFZM] (25%): **Short Review on Plasma-Aerosol Interactions**. – text. – [reviewed]. – DOI 10.1002/ppap.202400275. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Plasma Processes and Polymers* [printed document] [electronic document] . – Weinheim (Germany) : John Wiley & Sons. Wiley-VCH. – ISSN 1612-8850. – ISSN (online) 1612-8869. – suppl. Plasma and Liquids - Fundamentals and Applications Roč. 22, č. 1 (2025), art. no. 2400275, s. 1-21 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 137
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.9 - 2024

SNIP: 0,934 - 2024
SJR: 0,513 - 2024
CiteScore: 6,3 - 2024
AIS: 0.508 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, AIS** - Polymer science - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JCI** - Polymer science - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, JIF** - Polymer science - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Polymers and plastics -

O3_018 / Kočvarová, Jana (Author) (100%): **Infiltrácia zrážkovej vody**. – text, photographs.
In: *Správa budov* [printed document] : časopis pre spoločenstvá vlastníkov bytov. – Košice (Slovakia) : V.O.Č. Slovakia - Vydavateľstvo odborných časopisov, Bratislava (Slovakia) : Jaga group. – ISSN 1337-6233. – Roč. 19, č. 4 (2025), s. 48-49 [printed form]
Number of all authors: 1
[article]
[OV 100 Environmental science and ecology - OV 050 Designing, engineering, technology and water management]
[ŠO 1610]

O3_019 / Kubinec, Adam (Author) [Internal PhD student - external training center] [UKOLFFYU] (60%) - Marko, Martin (Author of correspondence) (40%): **Transcranial direct current stimulation** : From mechanisms of action to practical recommendations. – text, pictures (illustration). – [reviewed]. – DOI 10.31577/ansr.2025.67.3.5. – WOS CC ; ESCI ; SCO ; OA.
In: *Activitas Nervosa Superior Rediviva* [printed document] [electronic document] : international journal for integrated neuroscience. – Bratislava (Slovakia) : Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety v Bratislave, Bratislava (Slovakia) : Slovenská akadémia vied. – ISSN 1337-933X. – ISSN (online) 1338-4015. – Roč. 67, č. 3 (2025), s. 129-138 [printed form] [online]
Number of all authors: 2
[article]
Lit.: 100
[OV 180 Medical, pharmaceutical and non-medical health sciences - OV 160 Information sciences, automation and telecommunications - OV 060 Social and behavioural sciences]
[ŠO 5141 - ŠO 2508 - ŠO 7701]
Journal Indicator:
IF: 0.2 - 2024
SNIP: 0,132 - 2024
SJR: 0,141 - 2024
CiteScore: 0,5 - 2024
AIS: 0.054 - 2024
Quartile Q:
2024, AIS - Clinical neurology - ; **2024, JCI** - Clinical neurology - ; **2024, JIF** - Clinical neurology - ; **2024, Scimago** - Neuropsychology and physiological psychology - ; **2024, Scimago** - Psychiatry and mental health -

O3_020 / Lapin, Milan (Author) (100%): **Rekordy priemernej teploty pokračujú**. – text.
In: *Naše poľovníctvo* [printed document] : časopis pre poľovníkov, ochrancov a milovníkov prírody. – Bratislava (Slovakia) : Popress. – ISSN 1336-5568. – Roč. 22, č. 6 (2025), s. 12-13 [printed form]
Number of all authors: 1
[article]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

O3_021 / Lapin, Milan (Author) (100%): **Rekordy priemernej teploty pokračujú na Zemi, v Európe aj na Slovensku**. – text.
In: *Naše poľovníctvo* [printed document] : časopis pre poľovníkov, ochrancov a milovníkov prírody. – Bratislava (Slovakia) : Popress. – ISSN 1336-5568. – Roč. 22, č. 6 (2025), s. 12-13 [printed form]
Number of all authors: 1
[article]
[OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

O3_022 / Lofaj, František (Author) (50%) - Hviščová, Petra (Author) (15%) - Roch, Tomáš (Author) [UKOMFCENAM] (10%) - Girman, Vladimír (Author) [UPS14201] (10%) - Kabátová, Margita (Author) (10%) - Dobrovodský, Jozef (Author) [MTF STU] (5%): **Hysteresis-free reactive DC magnetron sputtered TiZrHfVNbTa-xN coatings** : Structure and mechanical properties. – text. – [reviewed]. – DOI 10.1016/j.ijrmhm.2024.107024. – sign UPJS SSEP 025436. – SCO ; CCC ; WOS CC ; SCIE.
In: *International journal of refractory metals and hard materials* [printed document] [electronic document] . – Oxford (United Kingdom) : Elsevier. Elsevier Science, Londýn (United Kingdom) : Elsevier. – ISSN 0263-4368. – ISSN (online) 2213-3917. – č. 128 (2025), art. no. 107024, s. 1-13 [printed form] [online]
Number of all authors: 6
[article]
Lit.: 44
[OV 110 Metallurgic and mining sciences - OV 091 Physics]
[ŠO 2381 - ŠO 1160]
Journal Indicator:
IF: 4.6 - 2024
SNIP: 1,466 - 2024
SJR: 1,101 - 2024
CiteScore: 7,3 - 2024
AIS: 0.740 - 2024
Quartile Q:
2024, AIS - Materials science, multidisciplinary - ; **2024, AIS** - Metallurgy & metallurgical engineering - ; **2024, JCI** - Materials science, multidisciplinary - ; **2024, JCI** - Metallurgy & metallurgical engineering - ; **2024, JIF** - Materials science, multidisciplinary - ; **2024, JIF** - Metallurgy & metallurgical engineering - ; **2024, Scimago** - Ceramics and composites - ; **2024, Scimago** - Materials chemistry - ; **2024, Scimago** - Mechanical engineering - ; **2024, Scimago** - Mechanics of materials - ; **2024, Scimago** - Metals and alloys -

O3_023 / Montalbetti, Roberto (Author) (25%) - Machala, Zdenko (Author) [UKOMFKAFZM] (25%) - Gherardi, Matteo (Author) (25%) - Laurita, Romolo (Author) (25%): **"Production and Chemical Composition of Plasma Activated Water: A Systematic Review and Meta-Analysis"** [Production and Chemical Composition of Plasma Activated Water: A Systematic Review and Meta-Analysis]. – text. – [reviewed]. – DOI 10.1002/ppap.202400249. – CCC ; WOS CC ; SCO ; SCIE ; OA.
In: *Plasma Processes and Polymers* [printed document] [electronic document] . – Weinheim (Germany) : John Wiley & Sons. Wiley-VCH. – ISSN 1612-8850. – ISSN (online) 1612-8869. – suppl. Plasma and Liquids - Fundamentals and Applications Roč. 22, č. 1 (2025), art. no. 2400249, s. 1-17 [printed form] [online]
Number of all authors: 4
[article]
Lit.: 62
[OV 091 Physics]
[ŠO 1160]
Journal Indicator:
IF: 2.9 - 2024
SNIP: 0,934 - 2024
SJR: 0,513 - 2024
CiteScore: 6,3 - 2024
AIS: 0.508 - 2024
Quartile Q:
2024, AIS - Physics, applied - ; **2024, AIS** - Physics, condensed matter - ; **2024, AIS** - Physics, fluids & plasmas - ; **2024, AIS** - Polymer science - ; **2024, JCI** - Physics, applied - ; **2024, JCI** - Physics, condensed matter - ; **2024, JCI** - Physics, fluids & plasmas - ; **2024, JCI** - Polymer science - ; **2024, JIF** - Physics, applied - ; **2024, JIF** - Physics, condensed matter - ; **2024, JIF** - Physics, fluids & plasmas - ; **2024, JIF** - Polymer science - ; **2024, Scimago** - Condensed matter physics - ; **2024, Scimago** - Polymers and plastics -

O3_024 / Neslušan, L. (Author) (16.67%) - Rudawska, Regina (Author) (16.666%) - Hajduková, Mária (Author) (16.666%) - Jakubík, M. (Author) (16.666%) - Ďurišová, Silvia (Author) [Internal PhD student - external training center] [UKOMFKAFZM] (16.666%) - Jopek, Tadeusz J. (Author) (16.666%): **A short report of news in the IAU Meteor Data Center in 2024**. – text.
In: *eMetN Meteor Journal* [electronic document] : eJournal for meteor observers. – Mechelen (Belgium) : Paul Roggemans. – ISSN (online) 3041-4261. – Roč. 10, č. 1 (2025), s. 2-4 [online]
Number of all authors: 6
[article]
Lit.: 22
[OV 092 Earth and space sciences - OV 091 Physics]

[ŠO 1160]

O3_025 / Rostás, Kristína (Author) [UKOMFKMANM] (50%) - Viszus, Eugen (Author) [UKOMFKMANM] (50%): **O matematickej indukcii podporenej ilustráciou**. – text, pictures (illustration). – [reviewed].
In: *Obzory matematiky, fyziky a informatiky* [printed document] : časopis pre teóriu a praktické otázky vyučovania matematiky, fyziky a informatiky na základných a stredných školách = the Journal for Theory and Applied Issues of Mathematics, Informatics and Physics Teaching at Primary and Secondary Schools. – Nitra (Slovakia) : Protonit. – ISSN 1335-4981. – Roč. 54, č. 3 (2025), s. 1-8 [printed form]
Number of all authors: 2
[article]
Lit.: 3
[OV 240 Mathematics and statistics]
[ŠO 1113]

O3_026 / Slavíčková, Mária (Author) [UKOMFKDMFI] (100%): **Matematika, teší ma!**. – text, pictures (illustration). – [reviewed].
In: *Obzory matematiky, fyziky a informatiky* [printed document] : časopis pre teóriu a praktické otázky vyučovania matematiky, fyziky a informatiky na základných a stredných školách = the Journal for Theory and Applied Issues of Mathematics, Informatics and Physics Teaching at Primary and Secondary Schools. – Nitra (Slovakia) : Protonit. – ISSN 1335-4981. – Roč. 54, č. 4 (2025), s. 64-66 [printed form]
Number of all authors: 1
[article]
[OV 010 Pedagogical science - OV 240 Mathematics and statistics]
[ŠO 7605 - ŠO 1113]

O3_027 / Davlet, Mira (Author of correspondence) (34%) - Smyrnova, Kateryna (Author) [UKOMFCENAM] (33%) - Pohrebniak, Oleksandr (Author) [M1000] (33%): **Advanced biomaterials in tissue engineering** : A critical review of nanocomposites based on bacterial cellulose, MXenes, hydroxyapatite, and metal particles for regenerative medicine. – text, graphs, tables, pictures (illustration). – [reviewed]. – DOI 10.1016/j.cis.2025.103634. – WOS CC ; CCC ; SCO ; SCIE.
In: *Advances in colloid and interface science* [printed document] [electronic document] . – Amsterdam (Netherlands) : Elsevier. – ISSN 0001-8686. – ISSN (online) 1873-3727. – č. 345 (2025), art. no. 103634, s. 1-32 [printed form] [online]
Number of all authors: 3
[article]
Lit.: 233
[OV 110 Metallurgic and mining sciences - OV 091 Physics]
[ŠO 2908 - ŠO 2381 - ŠO 1160]
Journal Indicator:
IF: 19.3 - 2024
SNIP: 3,422 - 2024
SJR: 3,09 - 2024
CiteScore: 29,7 - 2024
AIS: 2.853 - 2024
Quartile Q:
2024, AIS - Chemistry, physical - ; **2024, JCI** - Chemistry, physical - ; **2024, JIF** - Chemistry, physical - ; **2024, Scimago** - Colloid and surface chemistry - ; **2024, Scimago** - Physical and theoretical chemistry - ; **2024, Scimago** - Surfaces and interfaces -

O3_028 / Turutanov, Oleh (Author) (100%): **Nobelivska premija i vnesok ukrajinskych učenych u rozuminnja kvantovych javyšč, zokrema povedinky makroskopičnych kvantovych system** : Nobelivska premija z fizyky 2025 roku = Nobel Prize and the contribution of Ukrainian scientists to the understanding of quantum phenomena, in particular the behavior of macroscopic quantum systems (Nobel Prize in Physics 2025). – text. – [reviewed]. – DOI 10.15407/visn2025.12.020.
In: *Visnyk Nacionaľnoj akademiji nauk Ukrajiny* [printed document] [electronic document] . – Kyjev (Ukraine) : Nacionaľna akademija nauk Ukrajiny. – ISSN 1027-3239. – ISSN (online) 2518-1203. – č. 12 (2025), s. 20-30 [printed form] [online]
Number of all authors: 1
[article]
Lit.: 30

[OV 091 Physics]
[ŠO 1160]

P1
Počet výstupov: 12

P1_001 / Halická, Margaréta (Author) (50%) - Jurča, Pavol (Author) (50%): **Optimálne riadenie 2** [electronic document] : Spojité úlohy s aplikáciami do ekonómie a financií . – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – 180 s. [online] : text, graphs, pictures (illustration). – ISBN (online) 978-80-8147-162-9
Number of all authors: 2
[scriptum]
Lit.: 26
[OV 240 Mathematics and statistics]
[ŠO 1113]

P1_002 / Haverlíková, Viera (Author) [UKOMFKDMFI] (75%) - Janiga, Ladislav (Author) [Internal PhD student] [UKOMFKDMFI] (25%) - Kuruc, Martin (Reviewer) - Vankúš, Peter (Reviewer) : **Vzdelávacie hry** [electronic document] : Učebný text pre študentov učiteľstva prírodovedných predmetov s praktickými ukážkami fyzikálnych vzdelávacích hier. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – 167 s. [online] : text, photographs, graphs, tables, pictures (illustration). – ISBN (online) 978-80-8147-156-8. – OA
Number of all authors: 2
[scriptum]
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

P1_003 / Janda, Mário (Author) [UKOMFKAFZM] (100%) - Martišovitš, Viktor (Reviewer) : **Úvod do plazmochémie** [electronic document] : Učebný text pre študijný program "OZE - obnoviteľné zdroje energie a environmentálna fyzika" : Učebný text k výberovej prednáške: Úvod do fyziky plazmy a elektrických výbojov. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – 142 s. [online] : text, graphs, tables, pictures (illustration). – ISBN (online) 978-80-8147-161-2
Number of all authors: 1
[scriptum]
Lit.: 104
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

P1_004 / Kalaš, Ivan (Author) [UKOMFKDMFI] (70%) - Blaho, Andrej (Author) [UKOMFKAI] (15%) - Moravčík, Milan (Author) (15%) - Dropčová, Veronika (Reviewer) - Vaníček, Jiří (Reviewer) : **Informatika s Emilom : Naše programovanie so Scratchom pre 2. stupeň základnej školy** (1) [printed document] : pracovná učebnica. – 1. vyd. – Bratislava (Slovakia) : Indícia, s.r.o., 2025. – 60 s. [printed form] : text. – ISBN 978-80-8276-050-0
Number of all authors: 3
Informatika s Emilom
[workbook]
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

P1_005 / Kostolányi, Peter (Author) [UKOMFKI] (100%) - Jajcayová, Tatiana (Reviewer) - Mačaj, Martin (Reviewer) : **Neštruktúrované rozpravy o štruktúrach** (1) [electronic document] : kapitoly z matematiky pre informatikov. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – 252 s. [online] : text, graphs, tables. – ISBN (online) 978-80-8147-158-2. – OA
Number of all authors: 1
[textbook for universities]
Lit.: 105

[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508 - ŠO 1113]

P1_006 / Kudličková, Soňa (Author) (33.334%) - Bátorová, Martina (Author) [UKOMFKAG] (33.333%) - Mackovová, Alžbeta (Author) (33.333%) - Molnár, Josef (Reviewer) - Zamboj, Michal (Reviewer) : **Tradičné a inovatívne rozvíjanie priestorovej predstavivosti** [printed document] [electronic document] . – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – 240 s. [17,01 AH] [printed form] [online] : text, photographs, graphs. – ISBN 978-80-223-6101-9. – ISBN (online) 978-80-223-6102-6. – OA
Number of all authors: 3
[textbook for universities]
Lit.: 105
[OV 240 Mathematics and statistics]
[ŠO 1113]

P1_007 / Maďarová, Alexandra (Author) [UKOMFKJP] (50%) - Kožehubová, Ľubomíra (Author) [UKOMFKJP] (40%) - Foltánová, Eva (Author) [UKOMFKJP] (10%) - Motešická, Zuzana (Reviewer) : **English for students of Managerial Mathematics and Mathematics of Economy and Finance** [electronic document] : a textbook for students at Faculty of Mathematics, Physics and Informatics of Comenius University. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – 142 s. [online] : text, graphs, tables. – ISBN (online) 978-80-8147-157-5. – OA
Number of all authors: 3
[scriptum]
Lit.: 36
[OV 010 Pedagogical science - OV 020 Humanities]
[ŠO 7605 - ŠO 7320]

P1_008 / Nagy, Roman (Author) [UKOMFKAFZM] (33.334%) - Pazderová, Veronika (Author) [Internal PhD student] [UKOMFKAFZM] (33.333%) - Matlovič, Pavol (Author) [UKOMFKAFZM] (33.333%): **Teoretická astrofyzika** (1) [electronic document] . – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. Knižničné a edičné centrum, 2025. – 101 s. [5,92 AH] [online] : text, graphs. – ISBN (online) 978-80-8147-159-9. – OA
Number of all authors: 3
[scriptum]
Lit.: 8
[OV 092 Earth and space sciences - OV 091 Physics]
[ŠO 1217 - ŠO 1160]

P1_009 / Szűcs, Gábor (Author) [UKOMFKAMS] (100%): **Základy životného poistenia** [electronic document] . – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – 250 s. [15,36 AH] [online] : text, graphs, tables, pictures (illustration). – ISBN (online) 978-80-223-6129-3. – OA
Number of all authors: 1
[scriptum]
Lit.: 75
[OV 240 Mathematics and statistics]
[ŠO 1113]

P1_010 / Velmovská, Klára (Author) [UKOMFKDMFI] (90%) - Vanyová, Monika (Author) (10%) - Červeňová, Daša (Reviewer) - Rezák, Patrik (Reviewer) : **Rozvíjanie kritického myslenia vo vyučovaní fyziky a technickej výchovy** (Svetlo) [printed document] : Metodická príručka pre 8. ročník. – 1. vyd. – Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Ústav materiálov a mechaniky strojov, 2025. – 155 s. [printed form] : text, pictures (illustration). – ISBN 978-80-974599-7-0
Number of all authors: 2
Kreatívna veda
[didactic manual]
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

P1_011 / Velmovská, Klára (Author) [UKOMFKDMFI] (90%) - Vanyová, Monika (Author) (10%) - Červeňová, Daša (Reviewer) - Rezák, Patrik (Reviewer) : **Rozvíjanie kritického myslenia vo vyučovaní fyziky a technickej výchovy** (Sila a pohyb. Práca. Energia.) [printed document] : Metodická príručka pre 8. ročník. – 1. vyd. – Bratislava (Slovakia) : Slovenská akadémia vied. Pracoviská SAV. Ústav materiálov a mechaniky strojov, 2025. – 227 s. [printed form] : text, pictures (illustration). – ISBN 978-80-974599-5-6
Number of all authors: 2
Kreatívna veda
[didactic manual]
[OV 010 Pedagogical science - OV 091 Physics]
[ŠO 7605 - ŠO 1160]

P1_012 / Zlatoš, Pavol (Author) [UKOMFKAG] (100%) - Haviar, Miroslav (Reviewer) - Kvasz, Ladislav (Reviewer) : **Prednášky z matematickej logiky** [printed document] [electronic document] . – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave, 2025. – 174 s. [printed form] [online] : text, tables. – ISBN 978-80-223-6121-7. – ISBN (online) 978-80-223-6122-4. – OA
Number of all authors: 1
[textbook for universities]
Lit.: 53
[OV 240 Mathematics and statistics]
[ŠO 1113]

D1
Počet výstupov: 1

D1_001 / Schmidt, Philip (Author) (20%) - Sezer, Ugur (Author) (20%) - Žemlička, Martin (Author) (20%) - Neilinger, Pavol (Author) [UKOMFKEF] (20%) - Kern, Samuel (Author) (20%): **A Cryogenic Amplification Device** = 24165475.5 [EP 4 622 100 A1, 24.09.2025]. – Mníchov (Germany) : European Patent Office, 22.03.2024. – 15 s. : text, graphs, pictures (illustration)
Number of all authors: 5
[patent_final]
[OV 091 Physics]
[ŠO 1160]

I1
Počet výstupov: 1

I1_001 / Kováčik, Samuel (Author) [UKOMFKTF] (100%): **Limity poznania** [printed document] : Cesta tam a ešte ďalej. – 1. vyd. – Bratislava (Slovakia) : Slovart, 2025. – 260 s. [printed form] : text, illustrations. – ISBN 9788055672717
Number of all authors: 2
[other]
[OV 091 Physics - OV 240 Mathematics and statistics - OV 020 Humanities]
[ŠO 1160 - ŠO 1113 - ŠO 6107]

I2
Počet výstupov: 17

I2_001 / Sýkora, Ivan (Author of correspondence) (100%): **Long term monitoring of Bratislava aerosol radioactivity**. – text.
In: *ENVIRA 2025* [electronic document] : 8th International Conference on Environmental Radioactivity : Abstract Book / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakov (Poland) : Polska Akademia Nauk. Instytut Fizyki Jadrowej im. Henryka Niewodniczańskiego Polskiej Akademii Nauk, 2025, s. 240-240 [online]
International Conference on Environmental Radioactivity 2025, 8 [Krakov, Poland, 14.09.2025-19.09.2025]
Number of all authors: 1
[other]
[OV 091 Physics]
[ŠO 1160]

I2_002 / Bertóková, Bernadett (Author) [Internal PhD student] [UKOMFKAMS] (50%) - Trnovská, Mária (Author) [UKOMFKAMS] (50%): **Properties of the Translog Production Function with Applications to Synthetic Data Generation**. – text.
In: *EURO 2025 - Leeds* [electronic document] : Technical Program / [bez zostavovateľa] [Compiler]. – 1. vyd. – Birmingham (United Kingdom) : Operational Research Society, 2025, s. 328-328 [online]
European Conference on Operational Research, 34 [Leeds, United Kingdom, 22.06.2025-25.06.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 240 Mathematics and statistics]
[ŠO 1113]

I2_003 / Brejová, Bronislava (Author) [UKOMFKI] (50%) - Patro, Rob (Author) (50%): **Preface**. – text. – [reviewed]. – DOI 10.4230/LIPIcs.WABI.2025.0. – SCO.
In: *32nd International Conference on Yeast Genetics and Molecular Biology* [electronic document] / [bez zostavovateľa] [Compiler]. – 1. vyd. – Paríž (France) : Sorbonne Université, 2025, s. 7-8 [online]
International Workshop on Algorithms in Bioinformatics 2025, 25 [College Park, United States, 20.08.2025-22.08.2025]
Number of all authors: 2
[other (introduction)]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I2_004 / Demetrian, Michal (Author) [UKOMFKMANM] (100%): **Periodické trajektórie v modeloch interagujúcich populácií s Alleeho efektom**. – text.
In: *55. Konferencia slovenských matematikov* [printed document] / Kúdelčíková, Mária [Compiler]. – 1. vyd. – Žilina (Slovakia) : Žilinská univerzita v Žiline, 2025. – ISBN 978-80-554-2242-8, s. 22-22 [printed form]
Konferencia slovenských matematikov 2025, 55 [Jasná pod Chopkom, Slovakia, 20.11.2025-23.11.2025]
Number of all authors: 1
[other]
[OV 240 Mathematics and statistics]
[ŠO 1113]

I2_005 / Demetrian, Michal (Author) [UKOMFKMANM] (50%) - Zimka, Rudolf (Author) [UMBEF05] (50%): **Aggregate model of liquidity-profit dynamics**. – text.
In: *15 International Conference of the Georgian Mathematical Union* [electronic document] : Dedicated to the 90-th Anniversary of the Batumi Shota Rustaveli State University : Book of Abstracts / Gogishvili, Guram [Compiler] ; Japoshvili, Maia [Compiler]. – 1. vyd. – Batumi (Georgia) : Batumi Shota Rustaveli State University, 2025, s. 88-88 [online]
Annual International Conference of the Georgian Mathematical Union 2025, 15 [Batumi, Georgia, 01.09.2025-06.09.2025]
Number of all authors: 2
[other]
Lit.: 4
[OV 240 Mathematics and statistics - OV 080 Economics and management]
[ŠO 1113 - ŠO 6213]

I2_006 / Ferko, Andrej (Author) [UKOMFKAG] (100%): **Kniha ako virtuálna galéria** = Das Buch als virtuelle Galerie = The Book as a Virtrual Gallery. – text.
In: *Haban Fayence 1600-1799* [printed document] : Súkromná zbierka / Private Sammlung / Private Collections : Jozef Balážik / Pajer, Jiří [Compiler]. – 1. vyd. – Erbach (Germany) : Druckerei R. le Roux, 2025, s. nestr. [1-12] [printed form]
Number of all authors: 1
[other (introduction)]
[OV 030 Historical science and ethnology - OV 040 Art - OV 160 Information sciences, automation and telecommunications]
[ŠO 7115 - ŠO 8110 - ŠO 2508]

I2_007 / Khalaf, Mohamed (Author) [Internal PhD student] [UKOMFKEF] (85%) - Medvecká, Veronika (Author)

[UKOMFKEF] (15%): **Effect of Cold Atmospheric Plasma on Common Bean Seeds**. – text.
In: *Book of Abstracts* [electronic document] : Week of Doctoral Students 2025 / Šafránková, Jana [Compiler] ; Pavlů, Jiří [Compiler]. – 1. vyd. – Praha (Czech Republic) : Univerzita Karlova v Praze. Matematicko-fyzikální fakulta, 2025, s. 18-18 [online]
Week of Doctoral Students 2025, 34 [Praha, Czech Republic, 03.06.2025-05.06.2025]
Number of all authors: 2
[other]
[OV 091 Physics]
[ŠO 1160]

I2_008 / Kováč, Jozef (Author) [UKOMFKAMS] (33.334%) - Veselý, Ján (Author) [Internal PhD student] [UKOMFKAMS] (33.333%) - Janková, Katarína (Author) [UKOMFKAMS] (33.333%): **Stationary distributions of iterated function systems**. – text.
In: *MatFyz Connections 2025* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. 33-33 [online]
MatFyz Connections 2025, 2 [Bratislava, Slovakia, 26.11.2025]
Number of all authors: 3
[other]
[OV 240 Mathematics and statistics]
[ŠO 1113]

I2_009 / Lužar, Borut (Author) (25%) - Mačajová, Edita (Author) [UKOMFKI] (25%) - Soták, Roman (Author) [UPS14600] (25%) - Švecová, Diana (Author) [Internal PhD student] [UPS14600] (25%): **List strong edge-colouring**. – text.
In: *10th Cracow Conference on Graph Theory* [electronic document] : Book of abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Krakow (Poland) : Akademia Górniczo-Hutnicza im. Stanisława Staszica w Krakowie, 2025, s. 106-106 [online]
Cracow Conference on Graph Theory, 10 [Krakow, Poland, 22.09.2025-26.09.2025]
Number of all authors: 4
[abstract from event - PP]
Lit.: 2
[OV 160 Information sciences, automation and telecommunications - OV 240 Mathematics and statistics]
[ŠO 2508 - ŠO 1113]

I2_010 / Nagy, Roman (Author) [UKOMFKAFZM] (100%): **From Gaia to Euclid**. – text.
In: *Bezovec 2025* [electronic document] : Conference of Young Astronomers / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská astronomická spoločnosť, 2025, s. 7-7 [online]
Bezovec 2025, 57 [Nová Lehota, Slovakia, 06.06.2025-08.06.2025]
Number of all authors: 1
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

I2_011 / Pokorná, Barbora (Author) [UKOMFKAG] (100%): **3D Pen-Supported Geometry Teaching**. – text, photographs.
In: *MatFyz Connections 2025* [electronic document] : Book of Abstracts / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK, 2025, s. 34-34 [online]
MatFyz Connections 2025, 2 [Bratislava, Slovakia, 26.11.2025]
Number of all authors: 1
[other]
[OV 240 Mathematics and statistics]
[ŠO 1113]

I2_012 / Řehulka, Erik (Author) (50%) - Rajník, Jozef (Author) [UKOMFKI] (50%): **Cyclic edge-connectivity of junctions of multipoles**. – text.
In: *Abstracts of the 33rd Workshop Cycles and Colourings* [printed document] [electronic document] / Fabrici, Igor

[Compiler]. – 1. vyd. – Košice (Slovakia) : Univerzita Pavla Jozefa Šafárika v Košiciach, 2025, s. 23-23 [printed form] [online]
Workshop Cycles and Colourings, 33 [Nový Smokovec, Slovakia, 31.08.2025-05.09.2025]
Number of all authors: 2
[abstract from event - PP]
Lit.: 1
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I2_013 / Valovčan, Jaroslav (Author) [UKOMFKAFZM] (40%) - Hladký, Matúš (Author) (30%) - Sliva, Marek (Author) (30%): **Náboj Physics – the international physics competition**. – text. – [reviewed].
In: *GIREP-EPEC 2025* [electronic document] : Book of Extended Abstracts / Logman, Paul [Compiler]. – 1. vyd. – Leiden (Netherlands) : Universiteit Leiden, 2025. – ISBN (online) 978-94-92496-01-0. – ISBN (wrong) 978-94-9249601-0, s. 550-550 [online]
GIREP-EPEC Conference 2025 [Leiden, Netherlands, 30.06.2025-04.07.2025]
Number of all authors: 3
[poster from event - PP]
[OV 091 Physics - OV 010 Pedagogical science]
[ŠO 1160 - ŠO 7605]

I2_014 / Valovčan, Jaroslav (Author) [UKOMFKAFZM] (40%) - Hladký, Matúš (Author) (30%) - Sliva, Marek (Author) (30%): **40 years of Physics Correspondence Seminar and its role in education**. – text. – [reviewed].
In: *GIREP-EPEC 2025* [electronic document] : Book of Extended Abstracts / Logman, Paul [Compiler]. – 1. vyd. – Leiden (Netherlands) : Universiteit Leiden, 2025. – ISBN (online) 978-94-92496-01-0. – ISBN (wrong) 978-94-9249601-0, s. 274-275 [online]
GIREP-EPEC Conference 2025 [Leiden, Netherlands, 30.06.2025-04.07.2025]
Number of all authors: 3
[abstract from event - PP]
[OV 091 Physics - OV 010 Pedagogical science]
[ŠO 1160 - ŠO 7605]

I2_015 / Vlček, Ivan (Author) [External PhD student] [UKOMFKAMS] (100%): **Agregačné funkcie v zhlukovaní dát** : od vzdialenosti k podobnosti. – text.
In: *55. Konferencia slovenských matematikov* [printed document] / Kúdelčíková, Mária [Compiler]. – 1. vyd. – Žilina (Slovakia) : Žilinská univerzita v Žiline, 2025. – ISBN 978-80-554-2242-8, s. 51-51 [printed form]
Konferencia slovenských matematikov 2025, 55 [Jasná pod Chopkom, Slovakia, 20.11.2025-23.11.2025]
Number of all authors: 1
[other]
[OV 240 Mathematics and statistics - OV 160 Information sciences, automation and telecommunications]
[ŠO 1113 - ŠO 2508]

I2_016 / Vörös, Tomáš (Author) [Internal PhD student] [UKOMFKAFZM] (50%) - Tóth, Juraj (Author) [UKOMFKAFZM] (50%): **Determining the mineralogical densities of meteoroids**. – text.
In: *Bezovec 2025* [electronic document] : Conference of Young Astronomers / [bez zostavovateľa] [Compiler]. – 1. vyd. – Bratislava (Slovakia) : Slovenská astronomická spoločnosť, 2025, s. 7-7 [online]
Bezovec 2025, 57 [Nová Lehota, Slovakia, 06.06.2025-08.06.2025]
Number of all authors: 2
[abstract from event - PP]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

I2_017 / Zvarík, Milan (Author) [UKOMFKJFB] (35%) - Janko, Dávid (Author) [Internal PhD student - external training center] [UKOPRBZF] (25%) - Andelová, Natália (Author) (7.5%) - Waczulíková, Iveta (Author) [UKOMFKJFB] (25%) - Ferko, M. (Author) (7.5%): **Identifikácia proteomických zmien v srdcových mitochondriách využitím modelov strojového učenia**. – text.
In: *52. pracovná konferencia Komisie experimentálnej kardiológie* [printed document] : Zborník abstraktov / [bez zostavovateľa] [Compiler]. – 1. vyd. – Banská Bystrica (Slovakia) : Občianske združenie Preveda, 2025. – ISBN 978-80-974608-5-3, s. [18-18] [printed form]

Pracovná konferencia Komisie experimentálnej kardiológie, 52 [Pezinok, Slovakia, 15.10.2025-17.10.2025]
Number of all authors: 5
[other]
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]

I3
Počet výstupov: 29

I3_001 / Farkaš, Igor (Author, interviewee) (33.334%) - Šinková, Adriana (Author of interview) (33.333%) - Kisková Bohušová, Linda (Author of photographs) (33.333%): **Potrebujeme trénovať myseľ**. – text, photographs.
In: *Forbes* [printed document] . – Bratislava (Slovakia) : Barecz & Conrad Media. – ISSN 1338-2527. – č. október (2025), s. 198-200 [printed form]
Number of all authors: 3
[other (interview) - AR]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I3_002 / Abreu, Marién (Author) (33.334%) - Araujo-Pardo, Gabriela (Author) (33.333%) - Jajcay, Robert (Author) [UKOMFKAG] (33.333%): **Preface to the Special Issue Devoted to 2023 BIRS Workshop: Extremal Graphs Arising from Designs and Configurations**. – text. – [reviewed]. – DOI 10.26493/2590-9770.1884.7cb. – SCO.
In: *The Art of Discrete and Applied Mathematics* [electronic document] . – Koper (Slovenia) : University of Primorska. – ISSN (online) 2590-9770. – suppl. 2023 BIRS Workshop: Extremal Graphs Arising from Designs and Configurations Roč. 8, č. 3 (2025), s. [1-1] [online]
Extremal Graphs arising from Designs and Configurations [Banff, Canada, 14.05.2023-19.05.2023]
Number of all authors: 3
[other (editorial)]
Lit.: 1
[OV 160 Information sciences, automation and telecommunications - OV 240 Mathematics and statistics]
[ŠO 2508 - ŠO 1113]
Journal Indicator:
SNIP: 0,803 - 2024
SJR: 0,458 - 2024
CiteScore: 0,8 - 2024
Quartile Q:
2024, Scimago - Applied mathematics - ; **2024, Scimago** - Computational theory and mathematics - ; **2024, Scimago** - Discrete mathematics and combinatorics -

I3_003 / Belogolovskii, Mykhaylo (Author) [UKOMFCENAM] (100%): **Transparent Superconductors: Hybridization of Two Quantum Platforms**. – text. – [reviewed].
In: *International Conference on Applied Physics and Imaging* [electronic document] . – Tartu (Estonia) : University of Tartu. Füüsika instituut. Center of Photonics and Computational Imaging. – Roč. 25 (2025), s. [1-1] [online]
International Conference on Applied Physics and Imaging [Tartu, Estonia, 20.09.2025-21.09.2025]
Number of all authors: 1
[abstract from event - AR]
[OV 091 Physics]
[ŠO 1160]

I3_004 / Benishek, Vladimir (Author) (5.266%) - Pravec, Petr (Author) (5.263%) - Fatka, Petr (Author) (5.263%) - Kušnirák, P. (Author) (5.263%) - Ergashev, K. (Author) (5.263%) - Burkhonov, O. (Author) (5.263%) - Oey, Julian (Author) (5.263%) - Ruocco, N. (Author) (5.263%) - Vachier, F. (Author) (5.263%) - Gajdoš, Štefan (Author) (5.263%) - Galád, Adrián (Author) [UKOMFKAFZM] (5.263%) - Augustin, D. (Author) (5.263%) - Leroy, A. (Author) (5.263%) - Rajaonarivelo, A. (Author) (5.263%) - Ralaimanampisoa, H. J. (Author) (5.263%) - Rabemanotrona, F. (Author) (5.263%) - Klotz, A. (Author) (5.263%) - Berthier, J. (Author) (5.263%) - Thierry, P. (Author) (5.263%): **(14708) Slaven**. – text.
In: *Central Bureau Electronic Telegrams* [electronic document] . – Cambridge (United States) : Smithsonian Astrophysical Observatory. Center for Astrophysics / Harvard & Smithsonian. – č. 5632 (2025), s. [1-1] [online]
Number of all authors: 19
[other]
[OV 092 Earth and space sciences - OV 091 Physics]

[ŠO 1160]

I3_005 / Cimerman, Richard (Author) [UKOMFKAFZM] (30%) - Kšanová, Jana (Author) [Internal PhD student] [UKOMFKAFZM] (35%) - Oberste-Beulmann, Christian (Author) (5%) - Galmiz, Oleksandr (Author) [UKOMFKAFZM] (10%) - Švec, Peter (Author) (5%) - Hensel, Karol (Author) [UKOMFKAFZM] (15%): **Cyclic plasma-catalytic system applied for VOC removal with repetitive deactivation and regeneration of catalysts**. – text.
In: *ISPC Conference Proceedings* [electronic document] . – [s.l.] (Virtual) : International Plasma Chemistry Society. – č. ISPC 26 (2025), s. [1-1] [online]
International Symposium on Plasma Chemistry, 26 [Minneapolis, United States, 15.06.2025-20.06.2025]
Number of all authors: 6
[abstract from event - AR]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

I3_006 / Cimerman, Richard (Author) [UKOMFKAFZM] (40%) - Kšanová, Jana (Author) [Internal PhD student] [UKOMFKAFZM] (15%) - Roubíček, Jakub (Author) (15%) - Homolová, Monika (Author) (5%) - Šumanská, Terézia (Author) (5%) - Satrapinskyy, Leonid (Author) [UKOMFCENAM] (5%) - Hensel, Karol (Author) [UKOMFKAFZM] (15%): **Tailoring plasma-catalytic packed-bed DBD reactors for efficient gas cleaning**. – text.
In: *ISPC Conference Proceedings* [electronic document] . – [s.l.] (Virtual) : International Plasma Chemistry Society. – č. ISPC 26 (2025), s. [1-1] [online]
International Symposium on Plasma Chemistry, 26 [Minneapolis, United States, 15.06.2025-20.06.2025]
Number of all authors: 7
[abstract from event - AR]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

I3_007 / Demovič, Martin (Author) (25%) - Švec, Peter (Author) (25%) - Homola, Martin (Author) [UKOMFKAI] (25%) - Funk, Maurice (Author) (25%): **On the Prospects of EL and ELU Concept Learners for Explainable Malware Detection**. – text, tables, pictures (illustration).
In: *XLoKR 2025* [electronic document] . – [s.l.] (Virtual) : European research council. – č. 2025 (2025), s. 1-8 [online]
Workshop on Explainable Logic-Based Knowledge Representation, 6 [Melbourne, Australia, 11.11.2025-13.11.2025]
Number of all authors: 4
[article from event]
Lit.: 32
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I3_008 / Gajdoš, Štefan (Author) (0.776%) - Mugrauer, M. (Author) (0.632%) - Michel, K. U. (Author) (0.632%) - Loesch, E. (Author) (0.632%) - Edelmann, F. J. (Author) (0.632%): **Observations and Orbits of Comets and A/ Objects** : 22.9.2025. – text.
In: *The Minor Planet Electronic Circulars* [electronic document] . – Cambridge (United States) : Smithsonian Astrophysical Observatory. Minor Planet Center. – ISSN (online) 1523-6714. – č. S173 (2025), nestr., s. [1-1] [online]
Number of all authors: 158
[other]
[OV 092 Earth and space sciences]
[ŠO 1160]

I3_009 / Galmiz, Oleksandr (Author) [UKOMFKAFZM] (25%) - Kimani, Bernard Gitura (Author) [UKOMFKAFZM] (25%) - Cimerman, Richard (Author) [UKOMFKAFZM] (25%) - Machala, Zdenko (Author) [UKOMFKAFZM] (25%): **Surface DBD in contact with liquids to produce reactive species in liquids and to decontaminate catheters**. – text.

In: *ISPC Conference Proceedings* [electronic document] . – [s.l.] (Virtual) : International Plasma Chemistry Society. – č. ISPC 26 (2025), s. [1-1] [online]
International Symposium on Plasma Chemistry, 26 [Minneapolis, United States, 15.06.2025-20.06.2025]
Number of all authors: 4
[abstract from event - AR]
Lit.: 1
[OV 091 Physics]
[ŠO 1160]

I3_010 / Griguš, Stanislav (Author) (100%): **O sto rokov neskôr**. – text, pictures (illustration).
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 2 (2025), s. [1-2] [printed form] [online]
Number of all authors: 1
[article]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I3_011 / Griguš, Stanislav (Author) (100%): **Poschodové mesto**. – text, photographs.
In: *Quark* [printed document] [electronic document] : magazín o vede a technike. – Bratislava (Slovakia) : Centrum vedecko-technických informácií SR. – ISSN 1335-4000. – ISSN (online) 1337-8422. – Roč. 31, č. 10 (2025), s. [1-1] [printed form] [online]
Number of all authors: 1
[article]
[OV 050 Designing, engineering, technology and water management]
[ŠO 3507]

I3_012 / Harman, Radoslav (Author) [UKOMFKAMS] (33.333%) - Pešta, Michal (Author of correspondence) (33.334%) - Witkovský, Viktor (Author) (33.333%): **Special issue on "PROBASTAT 2024"**. – text. – DOI 10.1007/s00362-025-01733-7. – SCO ; WOS CC ; SCIE.
In: *Statistical Papers* [printed document] [electronic document] . – New York (United States) : Springer Nature. – ISSN 0932-5026. – ISSN (online) 1613-9798. – Roč. 66, č. 5 (2025), art. no. 110, s. 1-4 [printed form] [online]
Number of all authors: 3
[other (editorial)]
Lit.: 11
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.1 - 2024
SNIP: 1,686 - 2024
SJR: 0,775 - 2024
CiteScore: 2,3 - 2024
AIS: 0.576 - 2024
Quartile Q:
2024, AIS - Statistics & probability - ; **2024, JCI** - Statistics & probability - ; **2024, JIF** - Statistics & probability - ; **2024, Scimago** - Statistics and probability - ; **2024, Scimago** - Statistics, probability and uncertainty -

I3_013 / Hoegner, C. (Author) (3.343%) - Ludwig, F. (Author) (3.333%) - Hartmann, B. (Author) (3.333%) - Stecklum, B. (Author) (3.333%) - Gajdoš, Štefan (Author) (3.333%): **2025 SX1**. – text.
In: *The Minor Planet Electronic Circulars* [electronic document] . – Cambridge (United States) : Smithsonian Astrophysical Observatory. Minor Planet Center. – ISSN (online) 1523-6714. – č. S118 (2025), nestr., s. [1-1] [online]
Number of all authors: 30
[other]
[OV 092 Earth and space sciences]
[ŠO 1160]

I3_014 / Hoegner, C. (Author) (1.927%) - Ludwig, F. (Author) (1.923%) - Hartmann, M. (Author) (1.923%) -

Stecklum, B. (Author) (1.923%) - Gajdoš, Štefan (Author) (1.923%): **2025 CE13 : 4.3.2025**. – text.
In: *The Minor Planet Electronic Circulars* [electronic document] . – Cambridge (United States) : Smithsonian Astrophysical Observatory. Minor Planet Center. – ISSN (online) 1523-6714. – č. E67 (2025), nestr., s. [1-2] [online]
Number of all authors: 52
[other]
[OV 091 Physics - OV 092 Earth and space sciences]
[ŠO 1160]

I3_015 / Hoegner, C. (Author) (2.42%) - Ludwig, F. (Author) (2.38%) - Hartmann, M. (Author) (2.38%) - Stecklum, B. (Author) (2.38%) - Gajdoš, Štefan (Author) (2.38%): **Observations and Orbits of Comets and A/ Objects** : 11.4.2025. – text.
In: *The Minor Planet Electronic Circulars* [electronic document] . – Cambridge (United States) : Smithsonian Astrophysical Observatory. Minor Planet Center. – ISSN (online) 1523-6714. – č. G119 (2025), nestr., s. [1-1] [online]
Number of all authors: 42
[other]
[OV 092 Earth and space sciences]
[ŠO 1160 - ŠO 1217]

I3_016 / Jajcayová, Tatiana (Author) [UKOMFKAI] (100%): **r-Regular Families of Permutations, a Computational View**. – text.
In: *Algebra and its role in Computer Science* [electronic document] : Abstracts - Contributed Talks. – Lisabon (Portugal) : Universidade de Lisboa. Faculdade de Ciências. – 2025, nestr., s. [1-1] [online]
Algebra and its role in Computer Science [Lisabon, Portugal, 26.06.2025-27.06.2025]
Number of all authors: 1
[abstract from event - AR]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I3_017 / Janák, Filip (Author) [Internal PhD student] [UKOMFKAFZM] (100%): **Incorporating Uncertainties into Machine Learning: The Probabilistic Random Forest Regressor**. – text.
In: *EAS 2025* [electronic document] . – Ženeva (Switzerland) : Université de Genève. European Astronomical Society. – č. 2025 (2025), s. [1-4] [online]
European Astronomical Society [Cork, Ireland, 23.06.2025-27.06.2025]
Number of all authors: 1
[poster from event - AR]
Lit.: 2
[OV 091 Physics]
[ŠO 1160]

I3_018 / Kalaš, Ivan (Author) [UKOMFKDMFI] (100%): **Informatics with Emil**. – text. – [reviewed].
In: *OCG Journal* [printed document] : Das IT-Magazin der österreichischen Computergesellschaft. – Viedeň (Austria) : Österreichische Computer Gesellschaft. – ISSN 1728-743X. – Roč. 50, č. 2 (2025), s. 21-23 [printed form]
Number of all authors: 1
[article]
Lit.: 4
[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

I3_019 / Kalaš, Ivan (Author) [UKOMFKDMFI] (100%) - Clemmensen, Torkil (Reviewer) : **Computational Concepts in Primary Education and Their Cognitive Demands**. – text.
In: *IFIP Select* [electronic document] : IFIP journal with selected papers for IT professionals. – Mödling (Austria) : International Federation for Information Processing. – Roč. 3, č. 1 (2025), s. 1-3 [online]
Number of all authors: 1
[article]
Lit.: 8

[OV 010 Pedagogical science - OV 160 Information sciences, automation and telecommunications]
[ŠO 7605 - ŠO 2508]

I3_020 / Kloc, Jakub (Author) (30%) - Boborová, Janka (Author) [Internal PhD student] [UKOMFKAI] (30%) - Homola, Martin (Author) [UKOMFKAI] (25%) - Pukancová, Júlia (Author) [UKOMFKAI] (15%): **CATS Solver: The Rise of Hybrid Abduction Algorithms** : (Extended Abstract). – text, graphs, tables.
In: *XLoKR 2025* [electronic document] . – [s.l.] (Virtual) : European research council. – č. 2025 (2025), s. 1-8 [online]
Workshop on Explainable Logic-Based Knowledge Representation, 6 [Melbourne, Australia, 11.11.2025-13.11.2025]
Number of all authors: 4
[abstract from event - AR]
Lit.: 45
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I3_021 / Kostoláni, Dominik (Author) [UKOPRBFR] (20%) - Bathóová, Monika (Author) [UKOPRBFR] (20%) - Ličková, Petra (Author) [UKOMFKEF] (20%) - Švubová, Renáta (Author) [UKOPRBFR] (20%) - Zahoranová, Anna (Author) [UKOMFKEF] (20%): **From treatment to storage: Lasting benefits of plasma application on pea seeds**. – text.
In: *Bulletin České společnosti experimentální biologie rostlin a Fyziologické sekce Slovenské botanické společnosti* [printed document] : sborník abstraktů. – Praha (Czech Republic) : Česká společnost experimentální biologie rostlin. – ISSN 1213-6670. – č. 1 (2025), s. 114-115 [printed form]
Plant Biology CS 2025 [Bratislava, Slovakia, 26.08.2025-28.09.2025]
Number of all authors: 5
[other]
[OV 130 Life sciences - OV 091 Physics]
[ŠO 1536 - ŠO 1160]

I3_022 / Kostolányi, Peter (Author) [UKOMFKI] (100%): **Models of Computation over Semirings**. – text. – OA.
In: *Dagstuhl Reports* [electronic document] . – Wadern (Germany) : Leibniz-Zentrum für Informatik - Dagstuhl Publishing. – ISSN (online) 2192-5283. – Roč. 15, č. 2 (2025), s. 98-98 [online]
Dagstuhl Seminar 25081 [Wadern, Germany, 16.02.2025-21.02.2025]
Number of all authors: 1
[other]
Lit.: 1
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I3_023 / Machala, Zdenko (Author) [UKOMFKAFZM] (30%) - Hassan, Mostafa Elsayed Ali (Author) (20%) - Pareek, Pankaj (Author) [UKOMFKAFZM] (20%) - Janda, Mário (Author) [UKOMFKAFZM] (30%): **Tuning the plasma-activated water by controlling the transport of reactive species from cold plasma into water bulk and aerosols**. – text, graphs.
In: *ISPC Conference Proceedings* [electronic document] . – [s.l.] (Virtual) : International Plasma Chemistry Society. – č. ISPC 26 (2025), s. [1-1] [online]
International Symposium on Plasma Chemistry, 26 [Minneapolis, United States, 15.06.2025-20.06.2025]
Number of all authors: 4
[abstract from event - AR]
Lit.: 3
[OV 091 Physics]
[ŠO 1160]

I3_024 / Mišúthová, Adriana (Author) [UKOMFKAFZM] (20%) - Mehrabifard, Ramin (Author) [Internal PhD student] [UKOMFKAFZM] (20%) - Ghulam, Mustafa (Author) [Internal PhD student] [UKOPREEM] (10%) - Lukačová, Zuzana (Author) [UKOPRBFR] (10%) - Šerá, Božena (Author) [UKOPREEM] (10%) - Machala, Zdenko (Author) [UKOMFKAFZM] (30%): **Plasma-Activated Water Applications for Plant Growth Enhancement: Seed Priming, Hydroponics, and Outdoor Planting**. – text.
In: *International Workshop on Plasma Agriculture* [electronic document] . – Philadelphia (United States) : Drexel

University. – 2025, nestr., s. [1-1] [online]
International Workshop on Plasma Agriculture, 5 [Philadelphia, United States, 08.06.2025-12.06.2025]
Number of all authors: 6
[abstract from event - AR]
[OV 091 Physics - OV 100 Environmental science and ecology]
[ŠO 1160 - ŠO 1610]

I3_025 / Novichonok, A. (Author) (0.244%) - Gajdoš, Štefan (Author) (0.204%) - Mugrauer, M. (Author) (0.204%) - Michel, K. U. (Author) (0.204%) - Loesch, E. (Author) (0.204%): **Observations and Orbits of Comets and A/ Objects** : 9.9.2025. – text.
In: *The Minor Planet Electronic Circulars* [electronic document] . – Cambridge (United States) : Smithsonian Astrophysical Observatory. Minor Planet Center. – ISSN (online) 1523-6714. – č. R69 (2025), nestr., s. [1-1] [online]
Number of all authors: 490
[other]
[OV 092 Earth and space sciences]
[ŠO 1160]

I3_026 / Pastorek, Ján (Author) [Internal PhD student] [UKOMFKAI] (100%): **Forth from Extensions of Partial Automorphisms to the Weisfeiler–Leman Algorithm & Counting Logic & Bijective Pebble Games—and Back Again**. – text.
In: *Constructions of Expanders and Extremal Graphs* [electronic document] : SK-AT-23-0019. – Bratislava (Slovakia) : Univerzita Komenského v Bratislave. Fakulta matematiky, fyziky a informatiky UK. – č. 12. December (2025), s. nestr. [1-1] [online]
Constructions of Expanders and Extremal Graphs [Bratislava, Slovakia, 10.12.2025-15.12.2025]
Number of all authors: 1
[abstract - AR]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

I3_027 / SuperNEMO Collaboration [Author corporation] ; Petro, Maroš (Author) [External PhD student] [UKOMFKJFB] (100%): **Status of the SuperNEMO Experiment and physics objectives**. – text. – DOI 10.5281/zenodo.17815453. – OA.
In: *Zenodo* [electronic document] . – Ženeva (Switzerland) : CERN : European Organization for Nuclear Research. – č. 4. december (2025), s. nestr. [1-1] [online]
Workshop on NeutrinoTelescopes 2025, 21 [Padova, Italy, 29.09.2025-03.10.2025]
Number of all authors: 1
[other]
[OV 091 Physics]
[ŠO 1160]

I3_028 / Poláčik, Peter (Author) (33.334%) - Quittner, Pavol (Author of correspondence) [UKOMFKAMS] (33.333%) - Yanagida, Eiji (Author) (33.333%): **Special issue: Explorations in elliptic and parabolic partial differential equations**. – text. – [reviewed]. – DOI 10.1007/s41808-025-00419-3. – WOS CC ; SCO ; ESCI ; OA.
In: *Journal of Elliptic and Parabolic Equations* [printed document] [electronic document] . – Heidelberg (Germany) : Springer Nature. – ISSN 2296-9020. – ISSN (online) 2296-9039. – suppl. Special Issue in Memory of Marek Fila: Explorations in elliptic and parabolic partial differential equations Roč. 11, č. 3 (2025), s. 1913-1915 [printed form] [online]
Number of all authors: 3
[other (editorial)]
[OV 240 Mathematics and statistics]
[ŠO 1113]
Journal Indicator:
IF: 1.1 - 2024
SNIP: 1,076 - 2024
SJR: 0,676 - 2024
CiteScore: 1,8 - 2024
AIS: 0.573 - 2024
Quartile Q:

2024, AIS - Mathematics - ; **2024, JCI** - Mathematics - ; **2024, JIF** - Mathematics - ; **2024, Scimago** - Analysis - ; **2024, Scimago** - Applied mathematics - ; **2024, Scimago** - Numerical analysis -

I3_029 / Ropjak, Martin (Author) (50%) - Černeková, Zuzana (Author) [UKOMFKAI] (50%): **Efficient and Explainable 3D CNNs for Alzheimer's MRI Diagnosis**. – text, pictures (illustration).
In: *EG VCBM 2025* [electronic document] : Poster Gallery. – Eindhoven (Netherlands) : Eurographics - The European Association for Computer Graphics. – č. 2025 (2025), s. [1-1] [online]
Visual Computing for Biology and Medicine, 15 [Delft, Netherlands, 01.10.2025]
Number of all authors: 2
[poster from event - AR]
[OV 160 Information sciences, automation and telecommunications]
[ŠO 2508]

STATISTICS OF RECORDS: 966

According to the EPC category since 2022
Number of all records: 966
V1 - : 5
V2 - : 235
V3 - : 398
O1 - : 4
O2 - : 236
O3 - : 28
P1 - : 12
D1 - : 1
I1 - : 1
I2 - : 17
I3 - : 29

According to the type of document
abstract - AR: 1
article: 403
book publication - professional: 1
contribution: 15
contribution from event: 205
abstract from event - PP: 247
poster from event - PP: 11
other (introduction): 2
didactic manual: 2
abstract from event - AR: 21
article from event: 15
poster from event - AR: 2
other (interview) - AR: 1
other (editorial): 3
other: 18
Patent: 1
proceedings - professional: 3
proceedings - scientific: 5
scriptum: 6
textbook for universities: 3
workbook: 1

By country of issue
Number of domestic editions: 282
Number of foreign editions: 683
Number without country of issue: 1

According to the area of research
010 Pedagogical science: 98
020 Humanities: 4
030 Historical science and ethnology: 4

040 Art: 1
050 Designing, engineering, technology and water management: 4
060 Social and behavioural sciences: 2
080 Economics and management: 6
091 Physics: 649
092 Earth and space sciences: 99
100 Environmental science and ecology: 16
110 Metallurgic and mining sciences: 7
120 Chemistry, chemical technology and biotechnology: 26
130 Life sciences: 44
150 Electrical engineering and power engineering: 1
160 Information sciences, automation and telecommunications: 219
170 Engineering and technology: 2
180 Medical, pharmaceutical and non-medical health sciences: 40
190 Agricultural and forestry sciences: 1
210 Sports sciences: 5
220 Transport services: 1
240 Mathematics and statistics: 114

According to the field of study
1113 : 117
1160 : 663
1217 : 44
1420 : 23
1536 : 40
1610 : 15
2381 : 7
2508 : 220
2647 : 33
2675 : 1
2820 : 3
2908 : 1
3507 : 3
4219 : 1
5141 : 35
5214 : 1
5607 : 1
5618 : 3
6107 : 1
6213 : 5
7115 : 3
7320 : 3
7418 : 5
7510 : 1
7605 : 97
7701 : 2
8110 : 1

According to the event
Number of all conference publications and papers: 523
Of which at domestic events: 274
Of which at foreign events: 249
Number of invited conference papers at domestic events: 3
Number of invited conference papers at foreign events: 7

According to the projects
Number of publications with a linked project: 583

According to databases and citation indexes (includes waits)
BIOSIS Citation Index: 4
CCC Current Content Connect: 336
MEDLINE®: 13
Nature Index: 34

OA Open access: 319
SCO SCOPUS: 440
WOS CC Web of Science Core Collection: 385
CPCI-S Conference Proceedings Citation Index - Science: 8
ESCI Emerging Sources Citation Index: 17
SCIE Science Citation Index Expanded: 349
SSCI Social Sciences Citation Index: 3

According to metrics
Nordic List: 5