

Mgr. Táňa Sebechlebská, PhD.

Menný zoznam publikácií:

V1 Vedecký výstup publikačnej činnosti ako celok

Počet výstupov: 4

V1_001 / Chovancová, Mária (Zostavovateľ, editor) [UKOPRBAN] (20%) - Sebechlebská, Táňa (Zostavovateľ, editor) [UKOPRCFZ] (20%) - Kostoláni, Dominik (Zostavovateľ, editor) [UKOPRBFR] (20%) - Juračka, Dominik (Zostavovateľ, editor) [Interný doktorand] [UKOPRCJD] (20%) - Šmida, Dominik (Zostavovateľ, editor) [Interný doktorand] [UKOPRDP] (20%): **Študentská vedecká konferencia PriF UK 2025** [elektronický dokument] : zborník recenzovaných príspevkov. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2025. – 1205 s. [online] : text, fotogr., graf., tab., obr. – [recenzované]. – ISBN (online) 978-80-223-6080-7. – OA
Študentská vedecká konferencia PriF UK [Bratislava, Slovensko, 30.04.2025]
[zborník - vedecký]
[OV 130 Vedy o živej prírode - OV 120 Chémia, chemická technológia a biotechnológie - OV 092 Vedy o Zemi a vesmíre - OV 100 Environmentalistika a ekológia - OV 010 Pedagogické vedy - OV 210 Vedy o športe]
[ŠO 1536 biológia - ŠO 1420 chémia - ŠO 1217 vedy o Zemi - ŠO 1610 ekologické a environmentálne vedy - ŠO 7605 učiteľstvo a pedagogické vedy - ŠO 7418 vedy o športe]

V1_002 / Chovancová, Mária (Zostavovateľ, editor) [UKOPRBAN] (20%) - Sebechlebská, Táňa (Zostavovateľ, editor) [UKOPRCFZ] (20%) - Kostoláni, Dominik (Zostavovateľ, editor) [UKOPRBFR] (20%) - Juračka, Dominik (Zostavovateľ, editor) [Interný doktorand] [UKOPRCJD] (20%) - Šmida, Dominik (Zostavovateľ, editor) [Interný doktorand] [UKOPRDP] (20%): **Študentská vedecká konferencia PriF UK 2024** [elektronický dokument] : zborník recenzovaných príspevkov. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2024. – 1027 s. [online] : text. – [recenzované]. – ISBN (online) 978-80-223-5822-4. – OA
Študentská vedecká konferencia PriF UK 2024 [Bratislava, Slovensko, 25.04.2024]
[zborník - vedecký]
[OV 130 Vedy o živej prírode - OV 120 Chémia, chemická technológia a biotechnológie - OV 010 Pedagogické vedy]
[ŠO 1536 biológia - ŠO 1420 chémia - ŠO 7605 učiteľstvo a pedagogické vedy]

V1_003 / Chovancová, Mária (Zostavovateľ, editor) [UKOPRBAN] (25%) - Sebechlebská, Táňa (Zostavovateľ, editor) [UKOPRCFZ] (25%) - Viglašová, Eva (Zostavovateľ, editor) [UKOPRCJD] (25%) - Gajanová, Dagmara (Zostavovateľ, editor) [Interný doktorand] [UKOPRBAN] (25%): **Študentská vedecká konferencia PriF UK 2023** [textový dokument (print)] [elektronický dokument] : zborník recenzovaných príspevkov. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2023. – 1106 s. [tlačená forma] [online] : text. – [recenzované]. – ISBN 978-80-223-5608-4. – ISBN (online) 978-80-223-5609-1
Študentská vedecká konferencia PriF UK 2023 [Bratislava, Slovensko, 26.04.2023]
[zborník - vedecký]
[OV 120 Chémia, chemická technológia a biotechnológie - OV 130 Vedy o živej prírode]
[ŠO 1420 chémia - ŠO 1536 biológia]

V1_004 / Viglašová, Eva (Zostavovateľ, editor) [UKOPRCJD] (25%) - Chovancová, Mária (Zostavovateľ,

editor) [UKOPRBAN] (25%) - Sebechlebská, Táňa (Zostavovateľ, editor) [UKOPRCFZ] (25%) - Gajanová, Dagmara (Zostavovateľ, editor) [Interný doktorand] [UKOPRBAN] (25%): **Študentská vedecká konferencia PriF UK 2022** [elektronický dokument] [textový dokument (print)] : zborník recenzovaných príspevkov. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave. Prírodovedecká fakulta UK, 2022. – 1189 s. [online] [tlačená forma] : text, fotogr., graf., tab., obr. – [recenzované]. – ISBN 978-80-223-5385-4

Študentská vedecká konferencia PriF UK 2022, 14 [Bratislava, Slovensko, 27.04.2022]

[zborník - vedecký]

[OV 130 Vedy o živej prírode - OV 100 Environmentalistika a ekológia - OV 120 Chémia, chemická technológia a biotechnológie - OV 092 Vedy o Zemi a vesmíre - OV 010 Pedagogické vedy - OV 210 Vedy o športe]

[ŠO 1536 biológia - ŠO 1610 ekologické a environmentálne vedy - ŠO 1420 chémia - ŠO 1217 vedy o Zemi - ŠO 7605 učiteľstvo a pedagogické vedy - ŠO 7418 vedy o športe]

V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka

Počet výstupov: 2

V2_001 / Mydla, Gregor (Autor) [Interný doktorand] [UKOPRCFZ] (40%) - Vaněčková, Eva (Autor) (10%) - Sándor, Zoltán (Autor) (5%) - Kapdos, Ádám (Autor) (5%) - Vesztergom, Soma (Autor) (5%) - Kolivoška, Viliam (Autor) (5%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (30%): **Termoelektrochémia na 3D tlačných elektródach** = Thermoelectrochemistry on 3D printed electrodes. – text, graf., tab.

In: *Študentská vedecká konferencia PriF UK 2024* [elektronický dokument] : zborník recenzovaných príspevkov / Chovancová, Mária [Zostavovateľ, editor] ; Sebechlebská, Táňa [Zostavovateľ, editor] ; Kostoláni, Dominik [Zostavovateľ, editor] ; Juračka, Dominik [Zostavovateľ, editor] ; Šmida, Dominik [Zostavovateľ, editor]. – [recenzované]. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2024. – ISBN (online) 978-80-223-5822-4, s. 751-756 [online]

Študentská vedecká konferencia PriF UK 2024 [Bratislava, Slovensko, 25.04.2024]

Počet všetkých autorov: 7

[príspevok z podujatia]

Lit.: 16

[OV 120 Chémia, chemická technológia a biotechnológie]

[ŠO 1420 chémia]

V2_002 / Mydla, Gregor (Autor) [Interný doktorand] [UKOPRCFZ] (50%) - Vaněčková, Eva (Autor) (10%) - Sándor, Zoltán (Autor) (5%) - Kapdos, Ádám (Autor) (5%) - Vesztergom, Soma (Autor) (5%) - Kolivoška, Viliam (Autor) (5%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (20%): **3D tlačné elektródy v termoelektrochémií**. – text, graf.

In: *Chémia a technológia pre život* [elektronický dokument] : 26. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou / Reháková, Milena [Zostavovateľ, editor] ; Oravec, Juraj [Zostavovateľ, editor]. – [recenzované]. – 1. vyd. – Bratislava (Slovensko) : Slovenská technická univerzita v Bratislave. Fakulta chemickej a potravinárskej technológie. Slovenská chemická knižnica, 2024. – ISBN 978-80-8208-128-5, s. 211-212 [online]

Chémia a technológia pre život, 26 [Bratislava, Slovensko, 20.11.2024]

Počet všetkých autorov: 7

[abstrakt z podujatia - KP]

Lit.: 5

[OV 120 Chémia, chemická technológia a biotechnológie]

[ŠO 1420 chémia]

V3 Vedecký výstup publikačnej činnosti z časopisu

Počet výstupov: 4

V3_001 / Vaněčková, Eva (Autor) (20%) - Hrdlička, Vojtěch (Autor) (20%) - Šebera, Jakub (Autor) (2%) - Hromadová, Magdaléna (Autor) (2%) - Kocábová, Jana (Autor) (6%) - Sebechlebská, Táňa (Autor)

[UKOPRCFZ] (25%) - Kolivoška, Viliam (Autor) (25%): **Pencil graphite electrodes for in-situ spectroelectrochemical sensing of reaction intermediates and products in organic solvents**. – text, ilustr., graf. – [recenzované]. – DOI 10.1016/j.aca.2024.342350. – CCC ; SCO ; WOS CC ; SCIE.
In: *Analytica Chimica Acta* [textový dokument (print)] [elektronický dokument] : an International Journal Devoted to All Branches of Analytical Chemistry. – Amsterdam (Holandsko) : Elsevier. – ISSN 0003-2670. – ISSN (online) 1873-4324. – č. 1296 (2024), art. no. 342350, s. [1-10] [tlačená forma] [online]

Počet všetkých autorov: 7

[článok]

Lit.: 53

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 5.7 - 2023

SNIP: 1,067 - 2023

SJR: 0,998 - 2023

CiteScore: 10,4 - 2023

Nordic List: 1 - 2023

AIS: 0.888 - 2023

Kvartil Q:

2023, AIS - Chemistry, analytical - Q1; **2023, JCI** - Chemistry, analytical - Q1; **2023, JIF** - Chemistry, analytical - Q1; **2023, Scimago** - Analytical chemistry - Q1; **2023, Scimago** - Biochemistry - Q2; **2023, Scimago** - Environmental chemistry - Q2; **2023, Scimago** - Spectroscopy - Q1

V3_002 / Sebechlebská, Táňa (Autor) [UKOPRCFZ] (40%) - Kolivoška, Viliam (Autor) (20%) - Šebera, Jakub (Autor) (20%) - Fukal, Jiří (Autor) (1%) - Řeha, David (Autor) (1%) - Buděšínsky, Michal (Autor) (1%) - Rosenberg, Ivan (Autor) (1%) - Bednárová, Lucie (Autor) (1%) - Gasior, Jindřich (Autor) (1%) - Meszáros, Gábor (Autor) (1%) - Hromadová, Magdaléna (Autor) (8%) - Sychrovský, Vladimír (Autor) (5%): **Additive transport in DNA molecular circuits**. – text, graf., tab., obr. – [recenzované]. – DOI 10.1039/d2tc01219g. – CCC ; SCO ; WOS CC.

In: *Journal of Materials Chemistry C* [textový dokument (print)] [elektronický dokument] : Materials for Optical, Magnetic and Electronic Devices. – Londýn (Veľká Británia) : The Royal Society of Chemistry. – ISSN 2050-7526. – ISSN (online) 2050-7534. – Roč. 10, č. 33 (2022), s. 12022-12031 [tlačená forma] [online]

Počet všetkých autorov: 12

[článok]

Lit.: 99

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 6.4 - 2022

SNIP: 1,229 - 2022

SJR: 1,534 - 2022

CiteScore: 11,8 - 2022

AIS: 1.166 - 2022

Kvartil Q:

2022, AIS - Materials science, multidisciplinary - Q2; **2022, AIS** - Physics, applied - Q1; **2022, JCI** - Materials science, multidisciplinary - Q1; **2022, JCI** - Physics, applied - Q1; **2022, JIF** - Materials science, multidisciplinary - Q1; **2022, JIF** - Physics, applied - Q1; **2022, Scimago** - Chemistry (miscellaneous) - Q1; **2022, Scimago** - Materials chemistry - Q1

Ohlasy (6):

2024 [01/20] / GBR - Polycarpou, Georgia - Skourtis, Spiros S. **Intra-strand phosphate-mediated pathways in microsolvated double-stranded DNA** [elektronický dokument]. DOI

10.1088/1361-648X/ad559d In: *Journal of Physics: Condensed Matter*. Bristol: Institute of Physics. IOP

Publishing, 2024, Roč. 36, č. 37, art. no. 375301 [tlačená forma] [online]. ISSN 0953-8984. ISSN (online) 1361-648X. - SCO ; CCC ; WOS CC, s. art. no. 375301

2024 [01/20] / CHE - Panagopoulou, Chrysi - Skotadis, Evangelos - Aslanidis, Evangelos - Tzourmana, Georgia - Rapesi, Annita - Tsiouostas, Charalampos - Kainourgiaki, Maria - Kleitsiotis, Georgios - Tsekenis, George - Tsoukalas, Dimitrios. **Non-Faradaic Impedimetric Detection of Heavy Metal Ions via a Hybrid Nanoparticle-DNAzyme Biosensor** [elektronický dokument]. DOI 10.3390/bios14070321 In: Biosensors. Basel: Multidisciplinary Digital Publishing Institute, 2024, Roč. 14, č. 7, art. no. 321 [online]. ISSN (online) 2079-6374. - SCO ; CCC ; WOS CC, s. art. no. 321

2024 [01/20] / CHE - Amamizu, Naoka - Nishida, Mitsuhiro - Sasaki, Keisuke - Kishi, Ryohei - Kitagawa, Yasutaka. **Theoretical Study on the Open-Shell Electronic Structure and Electron Conductivity of [18]Annulene as a Molecular Parallel Circuit Model** [elektronický dokument]. DOI 10.3390/nano14010098 In: Nanomaterials. Bazilej: Multidisciplinary Digital Publishing Institute, 2024, Roč. 14, č. 1, art. no. 98 [online]. ISSN (online) 2079-4991. - SCO ; CCC ; WOS CC, s. art. no. 98

2023 [01/20] / USA - Kaur, Rupendeeep - Kaur, Sukhdeep - Randhawa, Deep Kamal Kaur - Sharma, Rahul. **Tuning the transport properties of tetracene-based single-molecule junctions with chemical or structural variation of side and anchoring groups** [elektronický dokument]. DOI 10.1007/s00894-023-05615-3 In: Journal of Molecular Modeling: Computational Chemistry: Life Science: Advanced Materials: New Methods. New York: Springer Nature. Springer-VDI-Verlag, 2023, Roč. 29, č. 7, art. no. 208 [tlačená forma] [online]. ISSN 1610-2940. ISSN (online) 0948-5023. - SCO ; CCC ; WOS CC

2023 [01/20] / GBR - Chandra, Subrata - Williams, Ajoke - Maksudov, Farkhad - Kliuchnikov, Evgenii - Pattiya Arachchillage, Keshani G.G. - Piscitelli, Patrick - Castillo, Aderlyn - Marx, Kenneth A. - Barsegov, Valeri - Artes Vivancos, Juan M. **Charge transport in individual short base stacked single-stranded RNA molecules** [elektronický dokument]. DOI 10.1038/s41598-023-46263-0 In: Scientific reports. Londýn: Springer Nature. Nature Publishing Group, 2023, Roč. 13, č. 1, art. no. 19858 [online]. ISSN (online) 2045-2322. - SCO ; CCC ; WOS CC, s. art. no. 19858

2023 [01/20] / CHE - Skotadis, Evangelos - Aslanidis, Evangelos - Tsekenis, Georgios - Panagopoulou, Chryssi - Rapesi, Annita - Tzourmana, Georgia - Kennou, Stella - Ladas, Spyridon - Zeniou, Angelos - Tsoukalas, Dimitris. **Hybrid Nanoparticle/DNAzyme Electrochemical Biosensor for the Detection of Divalent Heavy Metal Ions and Cr³⁺** [elektronický dokument]. DOI 10.3390/s23187818 In: Sensors. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 23, č. 18, art. no. 7818 [online] [tlačená forma]. ISSN 1424-3210. ISSN (online) 1424-8220. - SCO ; CCC ; WOS CC, s. art. no. 7818

V3_003 / Sebechlebská, Táňa (Autor) [UKOPRCFZ] (31%) - Vaněčková, Eva (Autor) (25%) - Choinska-Mlynarczyk, Marta Katarzyna (Autor) (1%) - Navrátil, Tomáš (Autor) (1%) - Poltorak, Lukasz (Autor) (1%) - Bonini, Andrea (Autor) (1%) - Vivaldi, Federico (Korešpondenční autor) (15%) - Kolivoška, Viliam (Korešpondenční autor) (25%): **3D Printed Platform for Impedimetric Sensing of Liquids and Microfluidic Channels**. – text, fotogr., graf., obr. – [recenzované]. – DOI 10.1021/acs.analchem.2c03191. – CCC ; SCO ; WOS CC.

In: *Analytical Chemistry* [textový dokument (print)] [elektronický dokument] . – Washington (USA) : American Chemical Society. ACS Publications. – ISSN 0003-2700. – ISSN (online) 1520-6882. – Roč. 94, č. 41 (2022), s. 14426-14433 [tlačená forma] [online]

Počet všech autorů: 8

[článek]

Lit.: 63

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 7.4 - 2022

SNIP: 1,41 - 2022

SJR: 1,733 - 2022

CiteScore: 12,3 - 2022

AIS: 1.305 - 2022

Kvartil Q:

2022, AIS - Chemistry, analytical - Q1; **2022, JCI** - Chemistry, analytical - Q1; **2022, JIF** - Chemistry, analytical - Q1; **2022, Scimago** - Analytical chemistry - Q1

Ohlasy (8):

2025 [01/20] / NLD - Li, Nanya - Sun, Changkun - Lu, Yongzhi - Zhang, Jiaming - Li, Jidong. **FFF-based 3D printing path design of interconnected microchannel network inside continuous fibre-reinforced composites for thermal manipulation** [elektronický dokument]. DOI

10.1016/j.compositesb.2025.112391 In: Composites Part B: Engineering: An International Journal. Amsterdam: Elsevier, 2025, Roč. 298, art. no. 112391 [tlačená forma] [online]. ISSN 1359-8368. ISSN (online) 1879-1069. - SCO ; CCC ; WOS CC, s. art. no. 112391

2025 [01/20] / GBR - Su, Yufeng - Hutter, Tanya. **3D-printed micro-pore evaporator for increasing concentration of analytes in aqueous solutions** [elektronický dokument]. DOI 10.1039/d5lc00329f In: Lab on a Chip. London: The Royal Society of Chemistry, 2025, Roč. 25, č. 13, s. 3141-3155 [tlačená forma] [online]. ISSN 1473-0197. ISSN (online) 1473-0189. - SCO ; CCC ; WOS CC, s. 3141 - 3155

2025 [01/20] / USA - Chávez, Miriam - Escarpa, Alberto. **3D-Printed Dual-Channel Flow-Through Miniaturized Devices with Dual In-Channel Electrochemical Detection** [elektronický dokument]. DOI 10.1021/acs.analchem.4c04099 In: Analytical Chemistry. Washington: American Chemical Society. ACS Publications, 2025, Roč. 97, č. 5, s. 2667-2677 [tlačená forma] [online]. ISSN 0003-2700. ISSN (online) 1520-6882. - SCO ; CCC ; WOS CC, s. 2667 - 2677

2023 [01/20] / NLD - de Faria, Lucas V. - do Nascimento, Suéllen F.L. - Villafuerte, Luana M. - Semaan, Felipe S. - Pacheco, Wagner F. - Dornellas, Rafael M. **3D printed graphite-based electrode coupled with batch injection analysis: An affordable high-throughput strategy for atorvastatin determination** [elektronický dokument]. DOI 10.1016/j.talanta.2023.124873 In: Talanta: the International Journal of Pure and Applied Analytical Chemistry. Amsterdam: Elsevier, 2023, Roč. 265, art. no. 124873 [tlačená forma] [online]. ISSN 0039-9140. ISSN (online) 1873-3573. - SCO ; CCC ; WOS CC, s. art. no. 124873

2023 [01/20] / USA - Hernández-Rodríguez, Juan F. - Rojas, Daniel - Escarpa, Alberto. **Print-Pause-Print Fabrication of Tailored Electrochemical Microfluidic Devices** [elektronický dokument]. DOI 10.1021/acs.analchem.3c03364 In: Analytical Chemistry. Washington: American Chemical Society. ACS Publications, 2023, Roč. 95, č. 51, s. 18679-18684 [tlačená forma] [online]. ISSN 0003-2700. ISSN (online) 1520-6882. - SCO ; CCC ; WOS CC, s. 18679 - 18684

2023 [01/20] / GBR - Liang, Minghui - Liu, Xiang - Chong, Yuying - Ye, Ziyun - Zhao, Lei - Yu, Qiang - Tang, Kai - Geng, Anqi - Hu, Bo - Ge, Guanqun - Yuan, Shifang. **Engineering Biosensors and Biomedical Detection Devices from 3D-Printed Technology** [elektronický dokument]. DOI 10.1149/2754-2726/ace5bd In: ECS Sensors Plus. Bristol: Institute of Physics, 2023, Roč. 2, č. 3, art. no. 030604. ISSN (online) 2754-2726. - SCO, s. art. no. 030604

2023 [01/20] / NLD - Domingo-Roca, R. - Lasserre, P. - Riordan, L. - Macdonald, A. R. - Dobrea, A. - Duncan, K. R. - Hannah, S. - Murphy, M. - Hoskisson, P. A. - Corrigan, D. K. **Rapid assessment of antibiotic susceptibility using a fully 3D-printed impedance-based biosensor** [elektronický dokument]. DOI 10.1016/j.biosx.2023.100308 In: Biosensors and Bioelectronics: X. Amsterdam: Elsevier, 2023, Roč. 13, art. no. 100308. ISSN (online) 2590-1370. - SCO, s. art. no. 100308

2023 [01/20] / CHE - Hernández-Rodríguez, Juan F. - Rojas, Daniel - Escarpa, Alberto. **Electrochemical fluidic fused filament fabricated devices (eF4D): In-channel electrode activation** [elektronický dokument]. DOI 10.1016/j.snb.2023.134290 In: Sensors and Actuators B: Chemical: an International

Journal Devoted to Research and Development of Chemical Transducers. Lausanne: Elsevier. Elsevier Science, 2023, Roč. 393, art. no. 134290 [tlačená forma] [online]. ISSN 0925-4005. ISSN (online) 1873-3077. - SCO, s. art. no. 134290

V3_004 / Vivaldi, Federico (Autor) (40%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (20%) - Vaněčková, Eva (Autor) (20%) - Biagini, D. (Autor) (1%) - Bonini, Andrea (Autor) (1%) - Kolivoška, Viliam (Autor) (18%): **Electric conductivity measurements employing 3D printed electrodes and cells.** – text, fotogr., graf. – [recenzované]. – DOI 10.1016/j.aca.2022.339600. – SCO ; CCC ; WOS CC.

In: *Analytica Chimica Acta* [textový dokument (print)] [elektronický dokument] : an International Journal Devoted to All Branches of Analytical Chemistry. – Amsterdam (Holandsko) : Elsevier. – ISSN 0003-2670. – ISSN (online) 1873-4324. – č. 1203 (2022), art. no. 39600, s. [1-10] [tlačená forma] [online]

Počet všetkých autorov: 6

[článok]

Lit.: 78

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 6.2 - 2022

SNIP: 1,176 - 2022

SJR: 1,042 - 2022

CiteScore: 10,7 - 2022

Nordic List: 1 - 2022

AIS: 0.936 - 2022

Kvartil Q:

2022, AIS - Chemistry, analytical - Q1; **2022, JCI** - Chemistry, analytical - Q1; **2022, JIF** - Chemistry, analytical - Q1; **2022, Scimago** - Analytical chemistry - Q1; **2022, Scimago** - Biochemistry - Q2; **2022, Scimago** - Environmental chemistry - Q2; **2022, Scimago** - Spectroscopy - Q1

Ohlasy (7):

2025 [01/20] / NLD - Wang, Rui - Fang, Biao - Liang, Han - Mo, Runwei. **Advanced partially holey reduced graphene oxide inks for 3D printing self-healing thick electrodes with ultra-high areal desalination capacity.** DOI 10.1016/j.desal.2025.118605 In: Desalination: the international journal on the science and technology of water desalting. Amsterdam: Elsevier, 2025, Roč. 602, art. no. 118605 [tlačená forma]. ISSN 0011-9164. - SCO ; CCC ; WOS CC, s. art. no. 118605

2025 [01/20] / GBR - Chen, Zhixiang - Yu, Huayue - Wan, Yong - He, Xingxing - Hua, Longfei.

Temperature-dependent relationship between soil water content and electrical conductivity

[elektronický dokument]. DOI 10.1680/jenge.23.00013 In: Environmental Geotechnics. Leeds: Emerald Publishing, 2025, Roč. 12, č. 2, s. 144-153. ISSN (online) 2051-803X. - SCO ; CCC ; WOS CC, s. 144 - 153

2025 [01/20] / NLD - Wang, Rui - Fang, Biao - Liang, Han - Zhao, Chenpeng - Mo, Runwei. **Partially reduced holey graphene oxide for high performance capacitive deionization** [elektronický dokument]. DOI 10.1016/j.ces.2024.120765 In: Chemical Engineering Science. Amsterdam: Elsevier, 2025, Roč. 301, art. no. 120765 [tlačená forma]. ISSN 0009-2509. ISSN (online) 1873-4405. - SCO ; CCC ; WOS CC, s. art. no. 120765

2023 [01/20] / NLD - de Faria, Lucas V. - do Nascimento, Suéllen F.L. - Villafuerte, Luana M. - Semaan, Felipe S. - Pacheco, Wagner F. - Dornellas, Rafael M. **3D printed graphite-based electrode coupled with batch injection analysis: An affordable high-throughput strategy for atorvastatin determination** [elektronický dokument]. DOI 10.1016/j.talanta.2023.124873 In: Talanta: the International Journal of Pure and Applied Analytical Chemistry. Amsterdam: Elsevier, 2023, Roč. 265, art. no. 124873 [tlačená forma] [online]. ISSN 0039-9140. ISSN (online) 1873-3573. - SCO ; CCC ; WOS CC, s. art. no. 124873

2023 [01/20] / CHE - Lecoublet, Morgan - Ragoubi, Mohamed - Kenfack, Leonel Billy - Leblanc, Nathalie - Koubaa, Ahmed. **How Do 3D Printing Parameters Affect the Dielectric and Mechanical Performance of Polylactic Acid–Cellulose Acetate Polymer Blends?** [elektronický dokument]. DOI 10.3390/jcs7120492 In: Journal of Composites Science. Basel: Multidisciplinary Digital Publishing Institute, 2023, Roč. 7, č. 12, art. no. 492 [online]. ISSN (online) 2504-477X. - SCO, s. art. no. 492

2023 [01/20] / USA - Robin, Delbart - Thomas, Noble - Laurane, Roumy - Juan Carlos, Fernandez Toribio - Colin, Robert - Thuy Quynh, Truong Hoang - Francisca, Martinez Hergueta. **Multiscale characterisation of the electrical response of 3d printed carbon black polylactic acid** [elektronický dokument]. DOI 10.1007/s10853-023-08840-6 In: Journal of Materials Science. Norwell: Springer Nature. Springer International Publishing AG, 2023, Roč. 58, č. 32, s. 13118-13135 [tlačená forma] [online]. ISSN 0022-2461. ISSN (online) 1573-4803. - SCO ; CCC ; WOS CC, s. 13118 - 13135

2023 [01/20] / CHE - Hernández-Rodríguez, Juan F. - Rojas, Daniel - Escarpa, Alberto. **Electrochemical fluidic fused filament fabricated devices (eF4D): In-channel electrode activation** [elektronický dokument]. DOI 10.1016/j.snb.2023.134290 In: Sensors and Actuators B: Chemical: an International Journal Devoted to Research and Development of Chemical Transducers. Lausanne: Elsevier. Elsevier Science, 2023, Roč. 393, art. no. 134290 [tlačená forma] [online]. ISSN 0925-4005. ISSN (online) 1873-3077. - SCO, s. art. no. 134290

O2 Odborný výstup publikačnej činnosti ako časť knižnej publikácie alebo zborníka

Počet výstupov: 2

O2_001 / Mydla, Gregor (Autor) [Interný doktorand] [UKOPRCFZ] (50%) - Vaněčková, Eva (Autor) (10%) - Sándor, Zoltán (Autor) (3%) - Kapdos, Ádám (Autor) (3%) - Vesztergom, Soma (Autor) (4%) - Kolivoška, Viliam (Autor) (10%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (20%): **3D-Printed Electrodes in Thermoelectrochemical Applications**. – text, graf.

In: *44th Modern Electrochemical Methods* [textový dokument (print)] : Proceedings of the International Conference / Navrátil, Tomáš [Zostavovateľ, editor] ; Fojta, Miroslav [Zostavovateľ, editor] ; Schwarzková, Karolina [Zostavovateľ, editor]. – 1. vyd. – Ústí nad Labem (Česko) : Best servis, 2025. – ISBN 978-80-908947-2-3, s. 115-119 [tlačená forma] [online]

Modern Electrochemical Methods, 44 [Jetřichovice, Česko, 19.05.2025-23.05.2025]

Počet všetkých autorov: 7

[príspevok z podujatia]

Lit.: 7

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

O2_002 / Sebechlebská, Táňa (Autor) [UKOPRCFZ] (20%) - Hurajtová, Martina (Autor) (55%) - Sándor, Zoltán (Autor) (5%) - Kapdos, Ádám (Autor) (5%) - Vesztergom, Soma (Autor) (5%) - Kolivoška, Viliam (Autor) (10%): **UV-Vis and Fluorescence Spectroelectrochemistry on 3D-printed Electrodes**. – text, graf.

In: *44th Modern Electrochemical Methods* [textový dokument (print)] : Proceedings of the International Conference / Navrátil, Tomáš [Zostavovateľ, editor] ; Fojta, Miroslav [Zostavovateľ, editor] ; Schwarzková, Karolina [Zostavovateľ, editor]. – 1. vyd. – Ústí nad Labem (Česko) : Best servis, 2025. – ISBN 978-80-908947-2-3, s. 133-136 [tlačená forma] [online]

Modern Electrochemical Methods, 44 [Jetřichovice, Česko, 19.05.2025-23.05.2025]

Počet všetkých autorov: 6

[príspevok z podujatia]

Lit.: 8

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

P1 Pedagogický výstup publikačnej činnosti ako celok

Počet výstupov: 2

P1_001 / Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (21%) (5,93 AH) - Halko, Radoslav (Autor) [UKOPRCAL] (13.6%) (3,78 AH) - Hurajt, Andrej (Autor) [Interný doktorand] [UKOPRCFZ] (6.6%) (1,83 AH) - Chrappová, Jana (Autor) [UKOPRCAG] (3.1%) (0,86 AH) - Jakubičková, Andrea (Autor) (0.2%) (0,05 AH) - Polčic, Peter (Autor) [UKOPRCBI] (4%) (1,06 AH) - Puffler, Martin (Autor) (7.1%) (2,04 AH) - Rakovský, Erik (Autor) [UKOPRCAG] (5%) (1,29 AH) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (9%) (2,52 AH) - Schniererová, Karin (Autor) [Interný doktorand] [UKOPRCOR] (7.6%) (2,11 AH) - Stankovičová, Henrieta (Autor) [UKOPRCOR] (11.8%) (3,31 AH) - Zahradníková, Barbora (Autor) [Interný doktorand] [UKOPRCOR] (11%) (3,05 AH) - Mečiarová, Mária (Recenzent) - Bystrický, Roman (Recenzent) : **Tvorivé úlohy z chémie pre prácu s talentovanými žiakmi** [elektronický dokument] : Teoretická časť . – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2025. – 500 s. [27,83 AH] [online] : text, ilustr., graf., tab. – ISBN (online) 978-80-223-6091-3

Počet všetkých autorov: 12

[skriptum]

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

P1_002 / Neogrady, Pavel (Autor) [UKOPRCFZ] (33.334%) (3,40 AH) - Pitoňák, Michal (Autor) [UKOPRCFZ] (33.333%) (3,40 AH) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (33.333%) (3,40 AH): **Riešené úlohy z fyzikálnej chémie** (1. Acidobázické rovnováhy vo vodných roztokoch) [elektronický dokument] . – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2023. – 197 s. [10,20 AH] : text. – ISBN (online) 978-80-223-5679-4

Počet všetkých autorov: 3

[skriptum]

Lit.: 39

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

ADC Vedecké práce v zahraničných karentovaných časopisoch

Počet výstupov: 15

ADC_001 / Baranyaiová, Tímea (Autor) [Interný doktorand] [UKOPRCFZ] (40%) - Mészáros, Róbert (Autor) [UJSPFKCH] (15%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (5%) - Bujdák, Juraj (Autor) [UKOPRCFZ] (40%): **Non-Arrhenius kinetics and slowed-diffusion mechanism of molecular aggregation of a rhodamine dye on colloidal particles**. – text, graf., tab., obr. – [recenzované]. – DOI 10.1039/d1cp02762j. – WOS CC ; CCC ; SCO.

In: *Physical Chemistry Chemical Physics* [textový dokument (print)] [elektronický dokument] . – Londýn (Veľká Británia) : The Royal Society of Chemistry, Cambridge (Veľká Británia) : The Royal Society of Chemistry. – ISSN 1463-9076. – ISSN (online) 1463-9084. – Roč. 23, č. 32 (2021), 17177-17185 [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 42

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 3.945 - 2021

SNIP: 0,947 - 2021

SJR: 0,899 - 2021

CiteScore: 6,3 - 2021

AIS: 0.756 - 2021

Kvartil Q:

2021, AIS - Chemistry, physical - Q2; **2021, AIS** - Physics, atomic, molecular & chemical - Q2; **2021,**

JIF - Chemistry, physical - Q2; **2021**, JIF - Physics, atomic, molecular & chemical - Q1; **2021**, Scimago - Physical and theoretical chemistry - Q1; **2021**, Scimago - Physics and astronomy (miscellaneous) - Q1

Ohlasy (2):

2024 [01/20] / USA - Arakawa, Kyosuke - Shimada, Tetsuya - Ishida, Tamao - Takagi, Shinsuke - Han, Won Sik. **Emission enhancement of anthracene derivative caused by a dramatic molecular orbital change on the nanosheet surface** [elektronický dokument]. DOI 10.1021/acs.jpcc.3c06631 In: The Journal of Physical Chemistry C: Energy Conversion and Storage, Optical and Electronic Devices, Interfaces, Nanomaterials, and Hard Matter. Washington: American Chemical Society, 2024, Roč. 128, č. 5, s. 1995-2002 [tlačená forma] [online]. ISSN 1932-7447. ISSN (online) 1932-7455. - SCO ; CCC ; WOS CC, s. 1995 - 2002

2022 [01/20] / CHE - Mekkath, Junais Habeeb - Muhammed, Mufasila Mumthaz - Chamkha, Ali J. **Free energy surfaces and barriers for vacancy diffusion on al(100), al(110), al(111) reconstructed surfaces** [elektronický dokument]. DOI 10.3390/nano12010076 In: Nanomaterials. Bazilej: Multidisciplinary Digital Publishing Institute, 2022, Roč. 12, č. 1, [online]. ISSN (online) 2079-4991. - SCO ; WOS CC

ADC_002 / Nováková Lachmanová, Štěpánka (Autor) (30%) - Vavrek, František (Autor) (20%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (20%) - Kolivoška, Viliam (Autor) (5%) - Valášek, Michal (Autor) (10%) - Hromadová, Magdaléna (Autor) (15%): **Charge transfer in self-assembled monolayers of molecular conductors containing tripodal anchor and terpyridine-metal redox switching element.** – text, graf. – DOI 10.1016/j.electacta.2021.138302. – CCC ; SCO ; WOS CC.

In: *Electrochimica Acta* [textový dokument (print)] [elektronický dokument] : The official journal of the International Society of Electrochemistry (ISE). – Amsterdam (Holandsko) : Elsevier. – ISSN 0013-4686. – ISSN (online) 1873-3859. – č. 384 (2021), s. [1-8] [tlačená forma] [online]

Počet všetkých autorov: 6

[článok]

Lit.: 53

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 7.336 - 2021

SNIP: 1,068 - 2021

SJR: 1,306 - 2021

CiteScore: 12,3 - 2021

AIS: 0.888 - 2021

Kvartil Q:

2021, AIS - Electrochemistry - Q2; **2021**, JIF - Electrochemistry - Q1; **2021**, Scimago - Chemical engineering (miscellaneous) - Q1; **2021**, Scimago - Electrochemistry - Q1

Ohlasy (3):

2024 [01/20] / CHE - He, Jian - Zhou, Wanhai - Li, Jinchi - Chen, Shiqi - Zhu, Ding - Chen, Yungui. **Bifunctional interface of metal–organic framework synergized with bismuth endows high stable zinc anode** [elektronický dokument]. DOI 10.1016/j.cej.2024.149740 In: Chemical Engineering Journal: an International Journal of Research and Development. Lausanne: Elsevier, 2024, Roč. 485, art. no. 149740 [tlačená forma] [online]. ISSN 1385-8947. ISSN (online) 1873-3212. - SCO ; CCC ; WOS CC, s. art. no. 149740

2023 [01/20] / GBR - Trang, Christina D.M. - Saal, Thomas - Inkpen, Michael S. **Methyldisulfide groups enable the direct connection of air-stable metal bis(terpyridine) complexes to gold surfaces** [elektronický dokument]. DOI 10.1039/d3dt00955f In: Dalton Transactions. Londýn: The Royal Society of Chemistry, 2023, Roč. 52, č. 23, s. 7836-7842 [tlačená forma] [online]. ISSN 1477-9226. ISSN (online) 1477-9234. - SCO ; CCC ; WOS CC, s. 7836 - 7842

2022 [01/20] / CHE - Liu, Xuan - Tian, Qianhong - Li, Yvpei - Zhou, Zixiang - Wang, Jinlian - Liu, Shuling -

Wang, Chao. **Electron transfer dynamics and electrocatalytic oxygen evolution activities of the Co₃O₄ nanoparticles attached to indium tin oxide by self-assembled monolayers** [elektronický dokument]. DOI 10.3389/fchem.2022.919192 In: *Frontiers in Chemistry*. Lausanne: Frontiers Media, 2022, Roč. 10, art. no. 919192 [online]. ISSN (online) 2296-2646. - SCO, s. art. no. 919192

ADC_003 / Poltorak, Lukasz (Autor) (25%) - Rudnicki, Konrad (Autor) (15%) - Kolivoška, Viliam (Autor) (25%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (25%) - Krzyczmonik, Pavel (Autor) (5%) - Skrzypek, Slawomira (Autor) (5%): **Electrochemical study of ephedrine at the polarized liquid-liquid interface supported with a 3D printed cell**. – text, ilustr., graf. – [recenzované]. – DOI 10.1016/j.jhazmat.2020.123411. – SCO ; CCC ; WOS CC ; SCIE.

In: *Journal of Hazardous Materials* [textový dokument (print)] [elektronický dokument] : Environmental Control, Risk Assessment, Impact and Management. – Amsterdam (Holandsko) : Elsevier. – ISSN 0304-3894. – ISSN (online) 1873-3336. – č. 402 (2021), art. no. 123411, s. [1-10] [tlačená forma] [online]

Počet všetkých autorov: 6

[článok]

Lit.: 67

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 14.224 - 2021

SNIP: 2,062 - 2021

SJR: 1,991 - 2021

CiteScore: 14,7 - 2021

AIS: 1.515 - 2021

Kvartil Q:

2021, AIS - Engineering, environmental - Q1; **2021, AIS** - Environmental sciences - Q1; **2021, JIF** - Engineering, environmental - Q1; **2021, JIF** - Environmental sciences - Q1; **2021, Scimago** - Environmental chemistry - Q1; **2021, Scimago** - Environmental engineering - Q1; **2021, Scimago** - Health, toxicology and mutagenesis - Q1; **2021, Scimago** - Pollution - Q1; **2021, Scimago** - Waste management and disposal - Q1

Ohlasy (11):

2025 [01/20] / SRB - Cai, Mingfan - Wang, Wentao. **Advances in electrochemical methods for the determination of ephedrine: Current status and future trends**. DOI 10.1016/j.ijoes.2024.100903 In: *International Journal of Electrochemical Science*. Belehrad: ESG, 2025, Roč. 20, č. 1, art. no. 100903 [tlačená forma] [online]. ISSN 1452-3981. - SCO ; CCC ; WOS CC, s. art. no. 100903

2024 [01/20] / DEU - Ribeiro, José A. - Pereira, Carlos M. **Applications of Electrochemistry at the ITIES in Drug Discovery and Development – A Review** [elektronický dokument]. DOI 10.1002/celc.202400134 In: *ChemElectroChem*. Weinheim: John Wiley & Sons. Wiley-VCH, 2024, Roč. 11, č. 13, art. no. e202400134 [online] [tlačená forma]. ISSN (online) 2196-0216. - SCO ; CCC ; WOS CC

2024 [01/20] / NLD - Li, Yan - Liu, Weina. **Electrochemical detection of blood doping in sports: A novel biosensor based on nickel oxide/nitrogen-doped graphene oxide nanocomposite** [elektronický dokument]. DOI 10.1016/j.aej.2024.03.099 In: *Alexandria Engineering Journal*. Amsterdam: Elsevier, 2024, Roč. 96, s. 176-184 [tlačená forma] [online]. ISSN 1110-0168. ISSN (online) 2090-2670. - SCO ; CCC ; WOS CC, s. 176 - 184

2024 [01/20] / NLD - Roveda, Liriana Mara - Ottoni, Vitor Ferreira - de Carvalho, Cláudio Teodoro - Rodrigues, Raphael - Corazza, Marcela Zanetti - Trindade, Magno Aparecido Gonçalves. **Merging 3D-printing technology and disposable materials for electrochemical purposes: A sustainable alternative to ensure greener electroanalysis** [elektronický dokument]. DOI 10.1016/j.talanta.2024.125814 In: *Talanta: the International Journal of Pure and Applied Analytical Chemistry*. Amsterdam: Elsevier, 2024, Roč. 272, art. no. 125814 [tlačená forma] [online]. ISSN 0039-9140. ISSN (online) 1873-3573. - SCO ; CCC ; WOS CC, s. art. no. 125814

- 2024 [01/20] / NLD** - Ribeiro, José A. - Silva, A. Fernando - Girault, H. H. - Pereira, Carlos M. **Electroanalytical applications of ITIES – A review** [elektronický dokument]. DOI 10.1016/j.talanta.2024.126729 In: Talanta: the International Journal of Pure and Applied Analytical Chemistry. Amsterdam: Elsevier, 2024, Roč. 280, art. no. 126729 [tlačená forma] [online]. ISSN 0039-9140. ISSN (online) 1873-3573. - SCO ; CCC ; WOS CC, s. art. no. 126729
- 2023 [01/20] / USA** - Xun, Yanran - Zhang, Kaixi - Jonhson, Win - Ding, Jun. **A minireview on 3D printing for electrochemical water splitting electrodes and cells** [elektronický dokument]. DOI 10.1063/5.0138178 In: APL materials. Melville: ACA and AIP Publishing, 2023, Roč. 11, č. 6, art. no. 061119 [online]. ISSN (online) 2166-532X. - SCO ; CCC ; WOS CC, s. art. no. 061119
- 2023 [01/20] / NLD** - Dushna, Olha - Dubenska, Liliya - Marton, Marián - Hatala, Michal - Vojs, Marian. **Sensitive and selective voltammetric method for determination of quinoline alkaloid, quinine in soft drinks and urine by applying a boron-doped diamond electrode** [elektronický dokument]. DOI 10.1016/j.microc.2023.108839 In: Microchemical Journal: devoted to the application of microtechniques in all branches of science. Amsterdam: Elsevier, 2023, Roč. 191, Art. no. 108839, s. 1-11 [tlačená forma] [online]. ISSN 0026-265X. ISSN (online) 1095-9149. - SCO ; CCC ; WOS CC, s. 1 - 11
- 2022 [01/20] / CHE** - Fan, Daoyang - Liu, Yafei - Wang, Yifan - Wang, Qi - Guo, Hao - Cai, Yiming - Song, Ruipeng - Wang, Xing - Wang, Weidong. **3D printing of bone and cartilage with polymer materials** [elektronický dokument]. DOI 10.3389/fphar.2022.1044726 In: Frontiers in Pharmacology. Lausanne: Frontiers Media, 2022, Roč. 13, art. no. 1044726 [online]. ISSN (online) 1663-9812. - SCO ; CCC ; WOS CC
- 2022 [01/20] / USA** - Stefano, Jéssica Santos - Kalinke, Cristiane - Da Rocha, Raquel Gomes - Rocha, Diego Pessoa - Da Silva, Vinicius Aparecido Oliani Pedro - Bonacin, Juliano Alves - Angnes, Lúcio - Richter, Eduardo Mathias - Janegitz, Bruno Campos - Muñoz, Rodrigo Alejandro Abarza. **Electrochemical (Bio)Sensors Enabled by Fused Deposition Modeling-Based 3D Printing: A Guide to Selecting Designs, Printing Parameters, and Post-Treatment Protocols** [elektronický dokument]. DOI 10.1021/acs.analchem.1c05523 In: Analytical Chemistry. Washington: American Chemical Society. ACS Publications, 2022, Roč. 94, č. 17, s. 6417-6429 [tlačená forma] [online]. ISSN 0003-2700. ISSN (online) 1520-6882. - SCO, s. 6417 - 6429
- 2021 [01/20] / NLD** - Zanutto, F. M. - Fernández, R. A. - Dassie, S. A. **An electroanalytical method for monitoring acid hydrolysis reactions using thick-film modified electrodes** [elektronický dokument]. DOI 10.1016/j.electacta.2021.137906 In: Electrochimica Acta: The official journal of the International Society of Electrochemistry (ISE). Amsterdam: Elsevier, 2021, č. 380, art. no. 137906 [tlačená forma] [online]. ISSN 0013-4686. ISSN (online) 1873-3859. - SCO ; CCC ; WOS CC
- 2021 [01/20] / GBR** - Rocha, Raquel G. - Ribeiro, Julia S. - Santana, Mário H.P. - Richter, Eduardo M. - Munoz, Rodrigo A.A. **3D-printing for forensic chemistry: Voltammetric determination of cocaine on additively manufactured graphene-polylactic acid electrodes** [elektronický dokument]. DOI 10.1039/d1ay00181g In: Analytical Methods: Advancing Methods and Applications. Cambridge: The Royal Society of Chemistry, 2021, Roč. 13, č. 15, s. 1788-1794 [tlačená forma] [online]. ISSN 1759-9660. ISSN (online) 1759-9679. - SCO ; CCC ; WOS CC, s. 1788 - 1794
- ADC_004** / Vaněčková, Eva (Autor) (28%) - Bouša, Milan (Autor) (2%) - Shestivska, Violetta (Autor) (2%) - Kubišta, Jiří (Autor) (1%) - Moreno-García, Pavel (Autor) (1%) - Broekmann, Peter (Autor) (1%) - Rahaman, Motiar (Autor) (1%) - Zlámál, Martin (Autor) (1%) - Heyda, Jan (Autor) (1%) - Bernauer, Milan (Autor) (2%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (30%) - Kolivoška, Viliam (Autor) (30%): **Electrochemical Reduction of Carbon Dioxide on 3D Printed Electrodes**. – text, graf., tab., obr. – DOI 10.1002/celc.202100261. – WOS CC ; SCO ; CCC.
In: *ChemElectroChem* [elektronický dokument] . – Weinheim (Nemecko) : John Wiley & Sons. Wiley-VCH. – ISSN (online) 2196-0216. – Roč. 8, č. 11 (2021), s. 2137-2149 [online] [tlačená forma]

Počet všetkých autorov: 12

[článok]

Lit.: 84

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 4.782 - 2021

SNIP: 0,635 - 2021

SJR: 1,038 - 2021

CiteScore: 7,6 - 2021

AIS: 0.744 - 2021

Kvartil Q:

2021, AIS - Electrochemistry - Q2; 2021, JIF - Electrochemistry - Q2; 2021, Scimago - Catalysis - Q2; 2021, Scimago - Electrochemistry - Q2

Ohlasy (17):

2025 [01/20] / GBR - Crapnell, Robert D. - Arantes, Iana V.S. - Bernalte, Elena - Sigley, Evelyn - Smith, Graham C. - Paixão, Thiago R.L.C. - Banks, Craig E. **The effects of different plasticisers on the electrochemical performance of bespoke conductive additive manufacturing filaments using recycled PLA** [elektronický dokument]. DOI 10.1039/d4an00969j In: Analyst: the Analytical Journal of the Royal Society of Chemistry. Cambridge: The Royal Society of Chemistry, 2025, Roč. 150, č. 12, s. 2702-2711 [tlačená forma] [online]. ISSN 0003-2654. ISSN (online) 1364-5528. - SCO ; CCC ; WOS CC, s. 2702 - 2711

2025 [01/20] / GBR - Alizadeh, Mehrzad - Charoen-Amornkitt, Patcharawat - Suzuki, Takahiro - Tsushima, Shohji. **Recent advances in electrode optimization of electrochemical energy devices using topology optimization** [elektronický dokument]. DOI 10.1088/2516-1083/ad8abd In: Progress in Energy. Bristol: Institute of Physics. IOP Publishing, 2025, Roč. 7, č. 1, art. no. 012003 [online]. ISSN (online) 2516-1083. - SCO ; WOS CC, s. art. no. 012003

2024 [01/20] / DEU - Granados-Fernández, Rafael - Cárdenas-Arenas, Andrea - Montiel, Miguel A. **Revolutionizing Lab-Scale Electrochemical Reactors: Innovative Breakthroughs With 3D Printing Fabrication** [elektronický dokument]. DOI 10.1002/celc.202400205 In: ChemElectroChem. Weinheim: John Wiley & Sons. Wiley-VCH, 2024, Roč. 11, č. 15, art. no. e202400205 [online] [tlačená forma]. ISSN (online) 2196-0216. - SCO ; CCC ; WOS CC

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ADC_005 / Vavrek, František (Autor) (25%) - Butsyk, Olena (Autor) (10%) - Kolivoška, Viliam (Autor) (10%) - Nováková Lachmanová, Štěpánka (Autor) (10%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (25%) - Šebera, Jakub (Autor) (5%) - Gasior, Jindřich (Autor) (2%) - Meszáros, Gábor (Autor) (3%) - Hromadová, Magdaléna (Autor) (10%): **Does the Seebeck coefficient of a single-molecule junction depend on the junction configuration?**. – text, graf., tab. – [recenzované]. – DOI 10.1039/d1ta05324h. – SCO ; CCC ; WOS CC.

In: *Journal of Materials Chemistry A* [textový dokument (print)] [elektronický dokument] : Materials for Energy and Sustainability. – Cambridge (Velká Británie) : The Royal Society of Chemistry. – ISSN 2050-7488. – ISSN (online) 2050-7496. – Roč. 9, č. 32 (2021), s. 17512-17520 [tlačená forma] [online]

Počet všetkých autorov: 9

[článok]

Lit.: 56

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 14.511 - 2021

SNIP: 1,619 - 2021

SJR: 3,099 - 2021

CiteScore: 21 - 2021

AIS: 2.094 - 2021

Kvartil Q:

2021, AIS - Chemistry, physical - Q1; **2021, AIS** - Energy & fuels - Q1; **2021, AIS** - Materials science, multidisciplinary - Q1; **2021, JIF** - Chemistry, physical - Q1; **2021, JIF** - Energy & fuels - Q1; **2021, JIF** - Materials science, multidisciplinary - Q1; **2021, Scimago** - Chemistry (miscellaneous) - Q1; **2021, Scimago** - Materials science (miscellaneous) - Q1; **2021, Scimago** - Renewable energy, sustainability and the environment - Q1

Ohlasy (5):

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ADC_006 / Čierna, Martina (Autor) (1%) - Naumowicz, Monika (Autor) (1%) - Bírošová, Lucia (Autor) [040270] (15%) - Krahulec, Ján (Autor) [UKOPRBMB] (15%) - Sokolová, Romana (Autor) (1%) - Kolivoška, Viliam (Autor) (1%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (15%) - Kielar, Filip (Autor) (1%) - Gál, Miroslav (Autor) [042120] (50%): **Study of permeabilization of bacterial membrane by electrochemical methods.** – text, obr. – DOI 10.1016/j.jelechem.2019.113761. – CCC ; SCO ; WOS CC.

In: *Journal of Electroanalytical Chemistry* [textový dokument (print)] [elektronický dokument] . – Lausanne (Švajčiarsko) : Elsevier. – ISSN 1572-6657. – ISSN (online) 1873-2569. – č. 857 (2020), art. no. 113761, s. [1-5] [tlačaná forma] [online]

Počet všetkých autorov: 9

[článok]

Lit.: 28

[OV 120 Chémia, chemická technológia a biotechnológia - OV 130 Vedy o živej prírode]

Indikátor časopisu:

IF: 4,464 - 2020

SNIP: 0,905 - 2020

SJR: 0,845 - 2020

CiteScore: 6 - 2020

AIS: 0.597 - 2020

Kvartil Q:

2020, AIS - Chemistry, analytical - Q2; **2020, AIS** - Electrochemistry - Q2; **2020, JIF** - Chemistry, analytical - Q1; **2020, JIF** - Electrochemistry - Q2; **2020, Scimago** - Analytical chemistry - Q2; **2020, Scimago** - Chemical engineering (miscellaneous) - Q1; **2020, Scimago** - Electrochemistry - Q2

Ohlasy (5):

2024 [01/20] / DEU - Chen, Lin - Cheng, Shuning - Lu, Shunyi - Gao, Xiang - Gong, Fei - Shi, Junwu - Han, Zhihui - Wang, Yuanjie - Yang, Xiaoyuan - Zhou, Xiaozhong - Cheng, Liang. **Bioactive Calcium Hydride-Driving "Triple" Hydrogen/Alkaline/Calcium Therapy for Efficient Treatment of Osteomyelitis** [elektronický dokument]. DOI 10.1002/sml.202306315 In: Small. Weinheim: John Wiley & Sons, 2024, Roč. 20, č. 43, art. no. 2306315 [tlačaná forma] [online]. ISSN 1613-6810. ISSN (online) 1613-6829. - SCO ; CCC ; WOS CC

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2024 [01/20] / GBR - Lingamgunta, Swetha - Xiao, Yao - Choi, Heungjae - Christie, Graham - Fruk, Ljiljana. **Microwave-enhanced antibacterial activity of polydopamine-silver hybrid nanoparticles** [elektronický dokument]. DOI 10.1039/d3ra07543e In: RSC advances. Cambridge: The Royal Society of Chemistry, 2024, Roč. 14, č. 12, s. 8331-8340 [online]. ISSN (online) 2046-2069. - SCO ; CCC ; WOS CC, s. 8331 - 8340

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ADC_007 / Escobar, Joao Giorgini (Autor) (20%) - Vaněčková, Eva (Autor) (10%) - Nováková Lachmanová, Štěpánka (Autor) (1%) - Vivaldi, Federico (Autor) (1%) - Heyda, Jan (Autor) (2%) - Kubišta, Jiří (Autor) (1%) - Shestivska, Violetta (Autor) (2%) - Španěl, Patrik (Autor) (1%) - Schwarzová-Pecková, Karolina (Autor) (1%) - Rathouský, Jiří (Autor) (1%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (30%) - Kolivoška, Viliam (Autor) (30%): **The development of a fully integrated 3D printed electrochemical platform and its application to investigate the chemical reaction between carbon dioxide and hydrazine.** – text, ilustr., graf., tab. – [recenzované]. – DOI 10.1016/j.electacta.2020.136984. – SCO ; CCC ; WOS CC.

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Počet všech autorů: 12

[článok]

Lit.: 80

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 6,901 - 2020

SNIP: 1.139 - 2020

SJR: 1.534 - 2020

CiteScore: 11.2 - 2020

AIS: 0.939 - 2020

Kvartil Q:

2020, AIS - Electrochemistry - Q2; **2020, JIF** - Electrochemistry - Q2; **2020, Scimago** - Chemical engineering (miscellaneous) - Q1; **2020, Scimago** - Electrochemistry - Q1

Ohlasy (15):

2023 [01/20] / NLD - Teekayupak, Kanyapat - Aumnate, Chuanchom - Lomae, Atchara - Preechakasedkit, Pattarachaya - Henry, Charles S. - Chailapakul, Orawon - Ruecha, Nipapan. **Portable smartphone integrated 3D-Printed electrochemical sensor for nonenzymatic determination of creatinine in human urine** [elektronický dokument]. DOI 10.1016/j.talanta.2022.124131 In: Talanta: the International Journal

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2022 [01/20] / CHE - Rocha, Raquel G. - Ramos, David L.O. - de Faria, Lucas V. - Germscheidt, Rafael L. - dos Santos, Diego P. - Bonacin, Juliano A. - Munoz, Rodrigo A.A. - Richter, Eduardo M. **Printing parameters affect the electrochemical performance of 3D-printed carbon electrodes obtained by fused deposition modeling** [elektronický dokument]. DOI 10.1016/j.jelechem.2022.116910 In: Journal of Electroanalytical Chemistry. Lausanne: Elsevier, 2022, Roč. 925, art. no. 116910 [tlačená forma] [online]. ISSN 1572-6657. ISSN (online) 1873-2569. - SCO, s. art. no. 116910

2022 [01/20] / NLD - Stefano, Jéssica Santos - Guterres e Silva, Luiz Ricardo - Rocha, Raquel Gomes - Brazaca, Laís Canniatti - Richter, Eduardo Mathias - Abarza Muñoz, Rodrigo Alejandro - Janegitz, Bruno Campos. **New conductive filament ready-to-use for 3D-printing electrochemical (bio)sensors: Towards the detection of SARS-CoV-2** [elektronický dokument]. DOI 10.1016/j.aca.2021.339372 In: Analytica Chimica Acta: an International Journal Devoted to All Branches of Analytical Chemistry. Amsterdam: Elsevier, 2022, Roč. 1191, art. no. 339372 [tlačená forma] [online]. ISSN 0003-2670. ISSN (online) 1873-4324. - SCO, s. art. no. 339372

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2020 [01/20] / CHE - Vlachou, Evaggelia - Margariti, Antigoni - Papaefstathiou, Giannis S. - Kokkinos, Christos. **Voltammetric determination of pb(ii) by a ca-mof-modified carbon paste electrode integrated in a 3d-printed device** [elektronický dokument]. DOI 10.3390/s20164442 In: Sensors. Bazilej: Multidisciplinary Digital Publishing Institute, 2020, Roč. 20, č. 16, s. 1-10 [online] [tlačená forma]. ISSN 1424-3210. ISSN (online) 1424-8220. - SCO ; CCC ; WOS CC, s. 1 - 10

2020 [01/20] / NLD - Cardoso, Rafael M. - Kalinke, Cristiane - Rocha, Raquel G. - dos Santos, Pãmyla L. - Rocha, Diego P. - Oliveira, Paulo R. - Janegitz, Bruno C. - Bonacin, Juliano Alves - Richter, Eduardo M. - Munoz, Rodrigo A.A. **Additive-manufactured (3D-printed) electrochemical sensors: A critical review** [elektronický dokument]. DOI 10.1016/j.aca.2020.03.028 In: Analytica Chimica Acta: an International Journal Devoted to All Branches of Analytical Chemistry. Amsterdam: Elsevier, 2020, Roč. 1118, s. 73-91 [tlačená forma] [online]. ISSN 0003-2670. ISSN (online) 1873-4324. - SCO ; CCC ; WOS CC, s. 73 - 91

ADC_011 / Kolivoška, Viliam (Autor) (25%) - Šebera, Jakub (Autor) (25%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (10%) - Lindner, Marcin (Autor) (5%) - Gasior, Jindřich (Autor) (5%) - Meszáros, Gábor (Autor) (5%) - Mayor, Marcel (Autor) (5%) - Valášek, Michal (Autor) (10%) - Hromadová, Magdaléna (Autor) (10%): **Probabilistic mapping of single molecule junction configurations as a tool to achieve the desired geometry of asymmetric tripodal molecules.** – text, obr. – WOS CC ; SCO ; CCC ; SCIE ; IC. In: *Chemical Communications* [textový dokument (print)] [elektronický dokument] . – Cambridge (Veľká Británia) : The Royal Society of Chemistry. – ISSN 1359-7345. – ISSN (online) 1364-548X. – ISSN (zrušené) 0009-241X. – Roč. 55, č. 23 (2019), s. 3351-3354 [tlačená forma] [online]

Počet všetkých autorov: 9

[článok]

Lit.: 29

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 5,996 - 2019

SNIP: 1,144 - 2019

SJR: 1,992 - 2019

CiteScore: 9,8 - 2019

Kvartil Q:

2019, JIF - Chemistry, multidisciplinary - Q1; **2019, Scimago** - Catalysis - Q1; **2019, Scimago** - Ceramics and composites - Q1; **2019, Scimago** - Chemistry (miscellaneous) - Q1; **2019, Scimago** - Electronic, optical and magnetic materials - Q1; **2019, Scimago** - Materials chemistry - Q1; **2019, Scimago** - Metals and alloys - Q1; **2019, Scimago** - Surfaces, coatings and films - Q1

Ohlasy (7):

2025 [01/20] / DEU - Sil, Amit - Spano, Chiara E. - Chelli, Yahia - Higgins, Simon J. - Sangtarash, Sara - Piccinini, Gianluca - Graziano, Mariagrazia - Nichols, Richard J. - Sadeghi, Hatef - Vezzoli, Andrea.

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2023 [01/20] / DEU - Sun, Ruiqin - Lv, Jieyao - Xue, Xinyi - Yu, Shiyong - Tan, Zhibing. **Chemical Sensors using Single-Molecule Electrical Measurements** [elektronický dokument]. DOI 10.1002/asia.202300181 In: Chemistry - An Asian Journal. Weinheim: John Wiley & Sons. Wiley-VCH, 2023, Roč. 18, č. 15, art. no. e202300181 [tlačená forma] [online]. ISSN 1861-4728. ISSN (online) 1861-471X. - SCO ; WOS CC

2021 [01/20] / GBR - O'Driscoll, Luke J. - Bryce, Martin R. **A review of oligo(arylene ethynylene) derivatives in molecular junctions** [elektronický dokument]. DOI 10.1039/d1nr02023d In: Nanoscale. Cambridge: The Royal Society of Chemistry, 2021, Roč. 13, č. 24, s. 10668-10711 [tlačená forma] [online]. ISSN 2040-3364. ISSN (online) 2040-3372. - SCO, s. 10668 - 10711

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ADC_012 / Šebera, Jakub (Autor) (25%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (25%) - Nováková Lachmanová, Štěpánka (Autor) (5%) - Gasior, Jindřich (Autor) (5%) - Moreno-García, Pavel (Autor) (5%) - Meszáros, Gábor (Autor) (5%) - Valášek, Michal (Autor) (10%) - Kolivoška, Viliam (Autor) (10%) - Hromadová, Magdaléna (Autor) (10%): Investigation of the charge transport in model single molecule junctions based on expanded bipyridinium molecular conductors. – text, tab., obr. – SCO ; CCC ; WOS CC.

In: *Electrochimica Acta* [textový dokument (print)] [elektronický dokument] : The official journal of the International Society of Electrochemistry (ISE). – Amsterdam (Holandsko) : Elsevier. – ISSN 0013-4686. – ISSN (online) 1873-3859. – č. 301 (2019), s. 267-273 [tlačená forma] [online]

Počet všech autorů: 9

[článek]

Lit.: 52

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 6,215 - 2019

SNIP: 1,218 - 2019

SJR: 1,467 - 2019

CiteScore: 10 - 2019

Kvartil Q:

2019, JIF - Electrochemistry - Q1; 2019, Scimago - Chemical engineering (miscellaneous) - Q1; 2019, Scimago - Electrochemistry - Q1

Ohlasy (4):

2024 [01/20] / NLD - Cai, Zhuan Yun - Ma, Zi Wei - Jin, Hao - Wang, Jia Zheng - Chen, Lai Ke - Wu, Tai Rui - Sajid, Zubia - Zhou, Jian Zhang - Wu, De Yin - Tian, Zhong Qun. **Bias switching in single-molecule junctions through destructive quantum interference** [elektronický dokument]. DOI 10.1016/j.electacta.2024.145136 In: *Electrochimica Acta: The official journal of the International Society of Electrochemistry (ISE)*. Amsterdam: Elsevier, 2024, Roč. 507, art. no. 145136 [tlačená forma] [online]. ISSN 0013-4686. ISSN (online) 1873-3859. - SCO ; CCC ; WOS CC, s. art. no. 145136

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2022 [01/20] / USA - Borissov, Arseni - Maurya, Yogesh Kumar - Moshniaha, Lilia - Wong, Wai Shing - Żyła-Karwowska, Marika - Stępień, Marcin. **Recent Advances in Heterocyclic Nanographenes and Other Polycyclic Heteroaromatic Compounds** [elektronický dokument]. DOI 10.1021/acs.chemrev.1c00449 In: *Chemical Reviews*. Washington: American Chemical Society, 2022, Roč. 122, č. 1, s. 565-788 [tlačená forma] [online]. ISSN 0009-2665. ISSN (online) 1520-6890. - SCO, s. 565 - 788

ADC_013 / Valent, Ivan (Autor) [UKOPRCFZ] (17%) - Pribus, Marek (Autor) [Interný doktorand] [UKOPRCFZ] (10%) - Novák, Filip (Autor) (10%) - Plánková, Sylvia (Autor) (5%) - Blaško, Jaroslav (Autor) [UKOPRCUS] (10%) - Kubinec, Robert (Autor) [UKOPRCUS] (10%) - Almássy, Ambroz (Autor) [UKOPRCOR] (10%) - Filo, Juraj (Autor) [UKOPRCUS] (7%) - Sigmundová, Ivica (Autor) [UKOPRCOR] (5%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (6%) - Lawson, Thuy Bich (Autor) (5%) - Noszticzus, Zoltan (Autor) (5%): **Unusual Chemistry in an Uncatalyzed Bromate-Aniline Oscillator: Ring-Contraction Oxidation of Aniline with Pulsative CO₂ Production**. – text, obr. – WOS CC ; SCO ; CCC.
In: *The Journal of Physical Chemistry A* [textový dokument (print)] [elektronický dokument] : Isolated Molecules, Clusters, Radicals, and Ions; Environmental Chemistry, Geochemistry, and Astrochemistry; Theory. – Washington (USA) : American Chemical Society. – ISSN 1089-5639. – ISSN (online) 1520-5215. – Roč. 123, č. 45 (2019), s. 9669-9681 [tlačená forma] [online]

Počet všetkých autorov: 12

[článok]

Lit.: 68

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 2.600 - 2019

SNIP: 0,919 - 2019

SJR: 0,749 - 2019

CiteScore: 4,5 - 2019

Kvartil Q:

2019, JIF - Chemistry, physical - Q3; **2019, JIF** - Physics, atomic, molecular & chemical - Q2; **2019, Scimago** - Medicine (miscellaneous) - Q2; **2019, Scimago** - Physical and theoretical chemistry - Q2

Ohlasy (4):

2024 [01/20] / NLD - Long, Liang - Xia, Li - Fang, Fang - Liu, Zheng - Wang, Jiaoliang. **Study on the non-catalyzed oscillating reaction of dark tea-KBrO₃-H₂SO₄ system** [elektronický dokument]. DOI

10.1007/s11144-024-02592-3 In: Reaction Kinetics, Mechanisms and Catalysis. Dordrecht: Springer Nature. Springer, 2024, Roč. 137, č. 3, s. 1295-1306 [tlačená forma]. ISSN 1878-5190. ISSN (online) 1878-5204. - SCO ; CCC ; WOS CC, s. 1295 - 1306

2023 [01/20] / USA - Weaver, G. W. **Electrophilic Aromatic Substitution** [elektronický dokument]. DOI 10.1002/9781119608288.ch5b In: Organic Reaction Mechanisms 2019: An annual survey covering the literature dated January to December 2019. Hoboken: John Wiley & Sons, 2023, s. 213-255 [tlačená forma] [online]. ISBN 9781119608271. ISBN (online) 9781119608288. - SCO, s. 213 - 255

2021 [01/20] / DEU - Jang, Yujin - Machín-Rivera, Roger - Lindsay, Vincent N.G. **Synthesis and Applications of Cyclopropanones and Their Equivalents as Three-Carbon Building Blocks in Organic Synthesis** [elektronický dokument]. DOI 10.1055/a-1519-1670 In: Synthesis: journal of synthetic organic chemistry. Stuttgart: Thieme publishing group. Thieme Germany, 2021, Roč. 53, č. 21, s. 3909-3934 [tlačená forma] [online]. ISSN 0039-7881. ISSN (online) 1437-210X. - SCO ; CCC ; WOS CC, s. 3909 - 3934

2020 [01/20] / USA - Tang, Alexander - Wang, Jichang. **Manipulating the Polymerization of 3,5-Diaminobenzoic Acid with a Bromate Oscillator** [elektronický dokument]. DOI 10.1021/acs.jpcc.0c00323 In: The Journal of Physical Chemistry C: Energy Conversion and Storage, Optical and Electronic Devices, Interfaces, Nanomaterials, and Hard Matter. Washington: American Chemical Society, 2020, Roč. 124, č. 8, s. 4637-4643 [tlačená forma] [online]. ISSN 1932-7447. ISSN (online) 1932-7455. - SCO ; CCC ; WOS CC, s. 4637 - 4643

ADC_014 / Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (12%) - Šebera, Jakub (Autor) (11%) - Kolivoška, Viliam (Autor) (11%) - Lindner, Marcin (Autor) (11%) - Gasior, Jindřich (Autor) (11%) - Mészáros, Gábor (Autor) (11%) - Valášek, Michal (Autor) (11%) - Mayor, Marcel (Autor) (11%) - Hromadová, Magdaléna (Autor) (11%): **Investigation of the geometrical arrangement and single molecule charge transport in self-assembled monolayers of molecular towers based on tetraphenylmethane tripod**. – text, tab., obr. – [recenzované]. – DOI 10.1016/j.electacta.2017.11.174. – CCC ; SCO ; WOS CC.

In: *Electrochimica Acta* [textový dokument (print)] [elektronický dokument] : The official journal of the International Society of Electrochemistry (ISE). – Amsterdam (Holandsko) : Elsevier. – ISSN 0013-4686. – ISSN (online) 1873-3859. – č. 258 (2017), s. 1191-1200 [tlačená forma] [online]

Počet všetkých autorov: 9

[článok]

Lit.: 84

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 5.116 - 2017

SNIP: 1,122 - 2017

SJR: 1,439 - 2017

CiteScore: 8,6 - 2017

Ohlasy (9):

2025 [01/20] / GBR - Farooq, Ambar - Wanyan, Hongying - Li, Qin - Lu, Shengchang - Huang, Weiqi - Waqas, Muhammad - Hong, Biqiong - Huang, Liulian - Chen, Lihui - Zhou, Xiayang - Wu, Hui. **An adhesive, antibacterial, conductive zwitterionic cellulose nanofibers-containing hydrogel for flexible strain sensors and super-capacitors** [elektronický dokument]. DOI 10.1016/j.carbpol.2025.123534 In: Carbohydrate polymers. Oxford: Elsevier, 2025, Roč. 358, art. no. 123534 [tlačená forma] [online]. ISSN 0144-8617. ISSN (online) 1879-1344. - SCO ; CCC ; WOS CC, s. art. no. 123534

2023 [01/20] / USA - Kaur, Rupendeeep - Kaur, Sukhdeep - Randhawa, Deep Kamal Kaur - Sharma, Rahul. **Tuning the transport properties of tetracene-based single-molecule junctions with chemical or structural variation of side and anchoring groups** [elektronický dokument]. DOI 10.1007/s00894-023-05615-3 In: Journal of Molecular Modeling: Computational Chemistry: Life Science:

Advanced Materials: New Methods. New York: Springer Nature. Springer-VDI-Verlag, 2023, Roč. 29, č. 7, art. no. 208 [tlačená forma] [online]. ISSN 1610-2940. ISSN (online) 0948-5023. - SCO ; CCC ; WOS CC, s. art. no. 208

2021 [01/20] / GBR - Herrer, L. - Martin, S. - Gonzalez-Orive, A. - Milan, D.C. - Vezzoli, A. - Nichols, R.J. - Serrano, J.L. - Cea, P. **pH control of conductance in a pyrazolyl Langmuir-Blodgett monolayer** [elektronický dokument] In: Journal of Materials Chemistry C: Materials for Optical, Magnetic and Electronic Devices. Londýn: The Royal Society of Chemistry, 2021, Roč. 9, č. 8, [tlačená forma] [online]. ISSN 2050-7526. ISSN (online) 2050-7534. - SCO, s. 2882 - 2889

2020 [01/12] / Herrer, L. - Martin, S. - Cea, P. **Nanofabrication techniques in large-area molecular electronic devices** In: Applied Sciences (Switzerland), 2020, Roč. 10, č. 17. - SCO, s. Art. No. 6064

2020 [01/12] / IND - Aadhityan, A. - Preferential Kala, C. - Thiruvadigal, D.J. **Rectification effect in gold/2,5dichlorobenzene-1,3-dithiol/gold metal molecule junction-ab initio study** [elektronický dokument] In: Rasayan Journal of Chemistry. Džajpur: Rasayan Journal, 2020, Roč. 13, č. 3, [tlačená forma] [online]. ISSN 0974-1496. ISSN (online) 0976-0083. - SCO, s. 1412 - 1416

2020 [01/12] / GBR - Escorihuela, E. - Cea, P. - Bock, S. - Milan, D.C. - Naghibi, S. - Osorio, H.M. - Nichols, R.J. - Low, P.J. - Martin, S. **Towards the design of effective multipodal contacts for use in the construction of Langmuir-Blodgett films and molecular junctions** [elektronický dokument] In: Journal of Materials Chemistry C: Materials for Optical, Magnetic and Electronic Devices. Londýn: The Royal Society of Chemistry, 2020, Roč. 8, č. 2, [tlačená forma] [online]. ISSN 2050-7526. ISSN (online) 2050-7534. - SCO, s. 672 - 682

2019 [01/12] / USA - Huang, J.-R. - Huang, H. - Tao, C.-P. - Zheng, J.-F. - Yuan, Y. - Hong, Z.-W. - Shao, Y. - Niu, Z.-J. - Chen, J.-Z. - Zhou, X.-S. **Controlling Contact Configuration of Carboxylic Acid-Based Molecular Junctions Through Side Group** [elektronický dokument] In: Nanoscale research letters. New York: Springer Nature, 2019, Roč. 14, č. 1, [tlačená forma] [online]. ISSN 1931-7573. ISSN (online) 1556-276X. - SCIE ; SCO ; WOS CC, s. Art. No. 253

2019 [01/12] / GBR - Herrer, L. - Ismael, A. - Martín, S. - Milan, D.C. - Serrano, J.L. - Nichols, R.J. - Lambert, C. - Cea, P. **Single molecule vs. large area design of molecular electronic devices incorporating an efficient 2-aminepyridine double anchoring group** [elektronický dokument] In: Nanoscale. Cambridge: The Royal Society of Chemistry, 2019, Roč. 11, č. 34, [tlačená forma] [online]. ISSN 2040-3364. ISSN (online) 2040-3372. - SCIE ; WOS CC, s. 15871 - 15880

2018 [01/12] / USA - Herrer, I.L. - Ismael, A.K. - Milan, D.C. - Vezzoli, A. - Martin, S. - Gonzalez-Orive, A. - Grace, I. - Lambert, C. - Serrano, J.L. - Nichols, R.J. - Cea, P. **Unconventional Single-Molecule Conductance Behavior for a New Heterocyclic Anchoring Group: Pyrazolyl** [elektronický dokument] In: The Journal of Physical Chemistry Letters. Washington: American Chemical Society, 2018, Roč. 9, č. 18, [online]. ISSN (online) 1948-7185. - SCIE ; SCO ; WOS CC, s. 5364 - 5372

ADC_015 / Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (40%) - Neogrady, Pavel (Autor) [UKOPRCFZ] (10%) - Valent, Ivan (Autor) [UKOPRCFZ] (50%): **A three-ions model of electrodiffusion kinetics in a nanochannel.** – text, tab., obr. – [recenzované]. – DOI 10.1016/j.cplett.2016.09.051. – CCC ; SCO ; WOS CC.

In: Chemical Physics Letters [textový dokument (print)] [elektronický dokument] : a Frontier Research in Molecular Sciences, Materials and Biological Systems. – Amsterdam (Holandsko) : Elsevier. – ISSN 0009-2614. – ISSN (online) 1873-4448. – č. 663 (2016), s. 33-39 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 33

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 1,815 - 2016

SNIP: 0,68 - 2016

SJR: 0,718 - 2016

CiteScore: 3,3 - 2016

Ohlasy (1):

2021 [01/20] / CHE - Park, Y.S. - Kang, I.S. Multi-ionic effects on the equilibrium and dynamic properties of electric double layers based on the Bikerman correction [elektronický dokument] In: Journal of Electroanalytical Chemistry. Lausanne: Elsevier, 2021, č. 880, [tlačená forma] [online]. ISSN 1572-6657. ISSN (online) 1873-2569. - SCO, s. Art. No. 114923

AFC Publikované príspevky na zahraničných vedeckých konferenciách

Počet výstupov: 1

AFC_001 / Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (50%) - Valent, Ivan (Autor) [UKOPRCFZ] (50%): **Effect of concentration, ionic strength and charge number on electrodiffusion in a simple membrane channel.** – [recenzované]. – WOS CC.

In: *Proceedings of the International Conference of Computational Methods in Sciences and Engineering 2017 (ICCMSE-2017) [elektronický zdroj]*. – 1 vyd. – 5012494. – Melville : American Institute of Physics, 2017. – ISBN 978-0-7354-1596-6

International Conference of Computational Methods in Sciences and Engineering 2017 (ICCMSE-2017) [Thessaloniki]

Počet všetkých autorov: 2

[príspevok z podujatia]

[OV 120 Chémia, chemická technológia a biotechnológia]

AFD Publikované príspevky na domácich vedeckých konferenciách

Počet výstupov: 2

AFD_001 / Šikulíncová, Lenka (Autor) [Interný doktorand] [UKOPRDP] (75%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (25%) - Nagy, Tibor (Recenzent) - Nagyová, Soňa (Recenzent) : **Návrh chemického pokusu realizovateľného počas dištančného vzdelávania** = Design of a chemical experiment feasible during distance education. – text, ilustr., graf.

In: *Študentská vedecká konferencia PriF UK 2021* [elektronický dokument] [textový dokument (print)] : zborník recenzovaných príspevkov / Viglašová, Eva [Zostavovateľ, editor] ; Chovancová, Mária [Zostavovateľ, editor] ; Sebechlebská, Táňa [Zostavovateľ, editor] ; Gajanová, Dagmara [Zostavovateľ, editor]. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave. Prírodovedecká fakulta UK, 2021. – ISBN 978-80-223-5132-4, s. 959-964 [online] [tlačená forma]

Študentská vedecká konferencia PriF UK 2021 : eŠVK PRIF UK 2021 [Bratislava, Slovensko, 21.04.2021]

Počet všetkých autorov: 2

[príspevok z podujatia]

Lit.: 4

[OV 010 Pedagogické vedy]

AFD_002 / Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (60%) - Neogrady, Pavel (Autor) [UKOPRCFZ] (10%) - Valent, Ivan (Autor) [UKOPRCFZ] (30%) - Horňáček, Michal (Recenzent) - Ačai, Pavel (Recenzent) : **Časový vývoj koncentrácie, potenciálu a elektrických prúdových hustôt v nanokanáli s tromi iónmi.**

In: *Chémia a technológia pre život. 18. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou, Bratislava, 9.11.2016* / Bakošová, Monika [Zostavovateľ, editor] ; Horňáček, Michal [Zostavovateľ, editor] ; Oravec, Juraj [Zostavovateľ, editor]. – 1. vyd. – Bratislava (Slovensko) : Slovenská technická univerzita v Bratislave. Rektorát STU. Nakladateľstvo STU, 2016. – ISBN 978-80-227-4628-1, s. 226-227 [CD-ROM]

Chémia a technológie pre život, 18 [Bratislava, Slovensko, 09.11.2016]

Počet všetkých autorov: 3

[príspevok z podujatia]

[OV 120 Chémia, chemická technológia a biotechnológia]

AFG Abstrakty príspevkov zo zahraničných vedeckých konferencií

Počet výstupov: 4

AFG_001 / Sebechlebská, Táňa (Autor) [UKOPRCFZ] (30%) - Vaněčková, Eva (Autor) (30%) - Shestivska, Violetta (Autor) (10%) - Kolivoška, Viliam (Autor) (30%): **Cyclovoltammetric Characterization of Polylactic Acid/Carbon Black Composite Filaments for the Construction of 3D Printed Electrodes.** – text, obr. – [recenzované]

In: *52nd Heyrovsky Discussion on Electrochemistry of Organic Compounds and Biopolymers* [textový dokument (print)] : book of abstracts / Navrátil, Tomáš [Zostavovateľ, editor] ; Fojta, Miroslav [Zostavovateľ, editor] ; Srsenová, Lenka [Zostavovateľ, editor]. – 1. vyd. – Praha (Česko) : Akademie věd České republiky. Ústav fyzikální chemie J. Heyrovského AV ČR, 2019. – ISBN 978-80-87351-54-3, s. 39-39 [tlačená forma]

52nd Heyrovsky Discussion [Liblice, Česko, 16.06.2019-20.06.2019]

Počet všetkých autorov: 4

[abstrakt z podujatia - KP]

Lit.: 2

[OV 120 Chémia, chemická technológia a biotechnológia]

AFG_002 / Vaněčková, Eva (Autor) (30%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (30%) - Shestivska, Violetta (Autor) (10%) - Kolivoška, Viliam (Autor) (30%): **Preparation of Patterned Copper Foam Electrodes Employing Masks Manufactured by 3D printing.** – text, obr. – [recenzované]

In: *52nd Heyrovsky Discussion on Electrochemistry of Organic Compounds and Biopolymers* [textový dokument (print)] : book of abstracts / Navrátil, Tomáš [Zostavovateľ, editor] ; Fojta, Miroslav [Zostavovateľ, editor] ; Srsenová, Lenka [Zostavovateľ, editor]. – 1. vyd. – Praha (Česko) : Akademie věd České republiky. Ústav fyzikální chemie J. Heyrovského AV ČR, 2019. – ISBN 978-80-87351-54-3, s. 49-49 [tlačená forma]

52nd Heyrovsky Discussion [Liblice, Česko, 16.06.2019-20.06.2019]

Počet všetkých autorov: 4

[abstrakt z podujatia - KP]

Lit.: 1

[OV 120 Chémia, chemická technológia a biotechnológia]

AFG_003 / Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (60%) - Neogrády, Pavel (Autor) [UKOPRCFZ] (10%) - Valent, Ivan (Autor) [UKOPRCFZ] (30%): **Electrodiffusion dynamics simulation of ionic transport in a nanochannel.** – [recenzované]

In: *NanoOstrava 2015 : 4th Nanomaterials and Nanotechnology Meeting.* – 1 vyd. – Ostrava : Vysoká škola báňská – Technická univerzita Ostrava, 2015. – ISBN 978-80-248-3745-1, s. 105-105

Nanomaterials and Nanotechnology Meeting NanoOstrava 2015, 4th [Ostrava]

Počet všetkých autorov: 3

[abstrakt z podujatia - KP]

[OV 120 Chémia, chemická technológia a biotechnológia]

AFG_004 / Valent, Ivan (Autor) [UKOPRCFZ] (80%) - Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (20%): **Application of the Poisson-Nernst-Planck theory to nanofluidic systems.** – [recenzované]

In: *NanoOstrava 2015 : 4th Nanomaterials and Nanotechnology Meeting.* – 1 vyd. – Ostrava : Vysoká škola báňská – Technická univerzita Ostrava, 2015. – ISBN 978-80-248-3745-1, s. 90-90

Nanomaterials and Nanotechnology Meeting NanoOstrava 2015, 4th [Ostrava]

Počet všetkých autorov: 2

[abstrakt z podujatia - KP]
[OV 120 Chémia, chemická technológia a biotechnológia]

AFH Abstrakty príspevkov z domácich vedeckých konferencií **Počet výstupov: 2**

AFH_001 / Baranyaiová, Tímea (Autor) [Interný doktorand] [UKOPRCFZ] (40%) - Bujdák, Juraj (Autor) [UKOPRCFZ] (40%) - Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (10%) - Šimon, Erik (Autor) [Interný doktorand] [UKOPRCAG] (10%): **Molecular aggregation of xanthene dye in colloidal dispersions of layered silicate: The effect of ionic strength.** – [recenzované]
In: *Clay minerals and selected non-raw materials in material science, industrial applications and environmental technology* [textový dokument (print)] / [bez zostavovateľa] [Zostavovateľ, editor]. – 1. vyd. – Bratislava (Slovensko) : Slovak Clay Group, 2019. – ISBN 978-80-972367-3-1, s. 1-2
Workshop of Slovak Clay Group, 6 [Banská Bystrica, Slovensko, 27.05.2019-28.05.2019]
Počet všetkých autorov: 4
[abstrakt z podujatia - KP]
Lit.: 3
[OV 120 Chémia, chemická technológia a biotechnológia]

AFH_002 / Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (60%) - Neogrady, Pavel (Autor) [UKOPRCFZ] (10%) - Valent, Ivan (Autor) [UKOPRCFZ] (30%): **Simulácie elektrodifúzneho transportu v nanokanály.**
In: *Interaktívna konferencia mladých vedcov 2015 : zborník abstraktov* [elektronický dokument] / [bez zostavovateľa] [Zostavovateľ, editor]. – [recenzované]. – 1 vyd. – Bratislava (Slovensko) : Občianske združenie Preveda, 2015. – ISBN 978-80-970712-8-8
Interaktívna konferencia mladých vedcov 2015, 7 [Bratislava]
Počet všetkých autorov: 3
[abstrakt z podujatia - KP]
[OV 120 Chémia, chemická technológia a biotechnológia]

BDF Odborné práce v ostatných domácich časopisoch **Počet výstupov: 1**

BDF_001 / Sebechlebská, Táňa (Autor) [Interný doktorand] [UKOPRCFZ] (25%) - Široká, Katarína (Autor) (25%) - Karhánek, Miloslav (Autor) (25%) - Valent, Ivan (Autor) [UKOPRCFZ] (25%): **Nanopipety: nástroje výskumu nanosveta** = Nanopipettes: tools for nanoworld research.
In: *Dnešná škola* [textový dokument (print)] [elektronický dokument] : človek a príroda. – Bratislava (Slovensko) : Združenie učiteľov chémie. – ISSN 1339-7761. – ISSN (online) 1339-3952. – Roč. 3, č. 4 (2016), s. 18-20 [tlačaná forma] [online]
Počet všetkých autorov: 4
[článok]
[OV 120 Chémia, chemická technológia a biotechnológia]

BEE Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných) **Počet výstupov: 5**

BEE_001 / Hromadová, Magdaléna (Autor) (10%) - Kolivoška, Viliam (Autor) (20%) - Šebera, Jakub (Autor) (15%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (15%) - Gasior, Jindřich (Autor) (5%) - Nováková Lachmanová, Štěpánka (Autor) (15%) - Meszáros, Gábor (Autor) (5%) - Lindner, Marcin (Autor) (5%) - Mayor, Marcel (Autor) (5%) - Valášek, Michal (Autor) (5%): **Charge Transport in Single Oligophenylene Molecular Wires with Different Anchoring Groups.** – text, obr.
In: *Proceedings of the International Conference Modern Electrochemical Methods XXXIX* / Navrátil, Tomáš [Zostavovateľ, editor] ; Fojta, Miroslav [Zostavovateľ, editor] ; Schwarzková, Karolína [Zostavovateľ, editor]. – [recenzované]. – 1 vyd. – Ústí nad Labem (Česko) : Best servis, 2019. – ISBN

978-80-905221-7-6, s. 96-99 [tlačená forma] [online]
Modern Electrochemical Methods XXXIX [Jetřichovice, Āesko, 20.05.2019-24.05.2019]
Počet vřetkřých autorov: 10
[prřspegok z podujatia]
Lit.: 21
[OV 120 Chěmia, chemickř technologřia a biotechnologřie]

BEE_002 / Sebechlebskř, Třřřa (Autor) [UKOPRCFZ] (30%) - VaněĀkovř, Eva (Autor) (30%) - Shestivska, Violetta (Autor) (10%) - Kolivořka, Viliam (Autor) (30%): **Electrochemical Investigation of Polylactic Acid/Carbon Black Composite Filament for the Manufacture of 3D Printed Electrodes**. – text, obr.
In: *Proceedings of the International Conference Modern Electrochemical Methods XXXIX* / Navrřtil, Tomřř [Zostavovateľ, editor] ; Fojta, Miroslav [Zostavovateľ, editor] ; Schwarzovř, Karolina [Zostavovateľ, editor]. – [recenzovaně]. – 1 vyd. – Űstř nad Labem (Āesko) : Best servis, 2019. – ISBN 978-80-905221-7-6, s. 183-187 [tlaĀenř forma] [online]
Modern Electrochemical Methods XXXIX [Jetřichovice, Āesko, 20.05.2019-24.05.2019]
Počet vřetkřých autorov: 4
[prřspegok z podujatia]
Lit.: 27
[OV 120 Chěmia, chemickř technologřia a biotechnologřie]

BEE_003 / VaněĀkovř, Eva (Autor) (30%) - Sebechlebskř, Třřřa (Autor) [UKOPRCFZ] (30%) - Shestivska, Violetta (Autor) (10%) - Kolivořka, Viliam (Autor) (30%): **Manufacture of Patterned Copper Foam Electrodes Employing 3D Printed Masks**. – text, obr.
In: *Proceedings of the International Conference Modern Electrochemical Methods XXXIX* / Navrřtil, Tomřř [Zostavovateľ, editor] ; Fojta, Miroslav [Zostavovateľ, editor] ; Schwarzovř, Karolina [Zostavovateľ, editor]. – [recenzovaně]. – 1 vyd. – Űstř nad Labem (Āesko) : Best servis, 2019. – ISBN 978-80-905221-7-6, s. 227-230 [tlaĀenř forma] [online]
Modern Electrochemical Methods XXXIX [Jetřichovice, Āesko, 20.05.2019-24.05.2019]
Počet vřetkřých autorov: 4
[prřspegok z podujatia]
Lit.: 16
[OV 120 Chěmia, chemickř technologřia a biotechnologřie]

BEE_004 / Vavrek, Frantiřek (Autor) (20%) - Butsyk, Olena (Autor) (20%) - Kolivořka, Viliam (Autor) (20%) - Novřkovř Lachmanovř, řtěpřřka (Autor) (10%) - Sebechlebskř, Třřřa (Autor) [UKOPRCFZ] (10%) - Hromadovř, Magdalěna (Autor) (20%): **Simultaneous Measurement of Single Molecule Conductance and Thermopower** = Simultřřne meranie elektrickej vodivosti a Seebeckovho koeficientu jednotlivřch molekul. – text, obr.
In: *Proceedings of the International Conference Modern Electrochemical Methods XXXIX* / Navrřtil, Tomřř [Zostavovateľ, editor] ; Fojta, Miroslav [Zostavovateľ, editor] ; Schwarzovř, Karolina [Zostavovateľ, editor]. – [recenzovaně]. – 1 vyd. – Űstř nad Labem (Āesko) : Best servis, 2019. – ISBN 978-80-905221-7-6, s. 231-235 [tlaĀenř forma] [online]
Modern Electrochemical Methods XXXIX [Jetřichovice, Āesko, 20.05.2019-24.05.2019]
Počet vřetkřých autorov: 6
[prřspegok z podujatia]
Lit.: 12
[OV 120 Chěmia, chemickř technologřia a biotechnologřie]

BEE_005 / Kolivořka, Viliam (Autor) (25%) - Sebechlebskř, Třřřa (Autor) [Internř doktorand] [UKOPRCFZ] (20%) - řebera, Jakub (Autor) (20%) - Gasior, Jindřich (Autor) (5%) - Lindner, Marcin (Autor) (5%) - Lukřřek, Jan (Autor) (5%) - Valřřek, Michal (Autor) (5%) - Mayor, Marcel (Autor) (5%) - Meszřros, Gřbor (Autor) (5%) - Hromadovř, Magdalěna (Autor) (5%): **Investigation of Single Molecule Charge Transport Properties and Geometrical Arrangement in Terpyridine Architectures Supported by the Tetraphenylmethane Tripod**. – text, obr. – WOS CC.

In: *Proceedings of the International Conference Modern Electrochemical Methods XXXVIII* [textový dokument (print)] [elektronický dokument] / Fojta, Miroslav [Autor]. – [recenzované]. – 1 vyd. – Ústí nad Labem (Česko) : Best servis, 2018. – ISBN 978-80-905221-6-9, s. 133-137
International Conference Modern Electrochemical Methods XXXVIII, 38 [Jetřichovice, Česko, 21.05.2018-25.05.2018]
Počet všetkých autorov: 10
[príspevok z podujatia]
Lit.: 30
[OV 120 Chémia, chemická technológia a biotechnológia]

BFA Abstrakty odborných prác zo zahraničných podujatí (konferencie...)

Počet výstupov: 2

BFA_001 / Baranyaiová, Tímea (Autor) [Interný doktorand] [UKOPRCFZ] (45%) - Bujdák, Juraj (Autor) [UKOPRCFZ] (45%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (10%): **Effect of ionic strength on the molecular aggregation of cationic dye in colloidal dispersions with montmorillonite particles.** – text.
In: *International conference on clay science and technology* [elektronický dokument] / [bez zostavovateľa] [Zostavovateľ, editor]. – 1. vyd. – Paríž (Francúzsko) : European Clay Group Association, 2019, s. 112-112 [online]
International conference on clay science and technology [Paríž, Francúzsko, 01.07.2019-05.07.2019]
Počet všetkých autorov: 3
[abstrakt z podujatia - KP]
[OV 120 Chémia, chemická technológia a biotechnológia]

BFA_002 / Bujdák, Juraj (Autor) [UKOPRCFZ] (40%) - Baranyaiová, Tímea (Autor) [Interný doktorand] [UKOPRCFZ] (55%) - Sebechlebská, Táňa (Autor) [UKOPRCFZ] (5%): **On the mechanism of molecular aggregation of dyes in colloidal dispersions of clay minerals. The effect of temperature.** – text.
In: *International conference on clay science and technology* [elektronický dokument] / [bez zostavovateľa] [Zostavovateľ, editor]. – 1. vyd. – Paríž (Francúzsko) : European Clay Group Association, 2019, s. 149-149 [online]
International conference on clay science and technology [Paríž, Francúzsko, 01.07.2019-05.07.2019]
Počet všetkých autorov: 3
[abstrakt z podujatia - KP]
Lit.: 1
[OV 120 Chémia, chemická technológia a biotechnológia]

FAI Zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky, atlasy...)

Počet výstupov: 2

FAI_001 / Viglašová, Eva (Zostavovateľ, editor) [UKOPRCJD] (25%) - Chovancová, Mária (Zostavovateľ, editor) [UKOPRBAN] (25%) - Sebechlebská, Táňa (Zostavovateľ, editor) [UKOPRCFZ] (25%) - Gajanová, Dagmara (Zostavovateľ, editor) [Interný doktorand] [UKOPRBAN] (25%): **Študentská vedecká konferencia PriF UK 2021** [elektronický dokument] [textový dokument (print)] : zborník recenzovaných príspevkov. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave. Prírodovedecká fakulta UK, 2021. – 1035 s. [online] [tlačená forma] : text, fotogr., graf., tab., obr. – [recenzované]. – ISBN 978-80-223-5132-4
Študentská vedecká konferencia PriF UK 2021 : eŠVK PRIF UK 2021 [Bratislava, Slovensko, 21.04.2021] [zborník (do 2021)]
[OV 130 Vedy o živej prírode - OV 120 Chémia, chemická technológia a biotechnológia - OV 100 Environmentalistika a ekológia]

FAI_002 / Viglašová, Eva (Zostavovateľ, editor) [UKOPRCJD] (25%) - Chovancová, Mária (Zostavovateľ,

editor) [Interný doktorand] [UKOPRBAN] (25%) - Sebechlebská, Táňa (Zostavovateľ, editor) [UKOPRCFZ] (25%) - Gajanová, Dagmara (Zostavovateľ, editor) [Interný doktorand] [UKOPRBAN] (25%): **Študentská vedecká konferencia PriF UK 2020** [elektronický dokument] [textový dokument (print)] : zborník recenzovaných príspevkov. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2020. – 1100 s. [online] [CD-ROM] [tlačená forma] : text, fotogr., mapy, tab., obr. – [recenzované]. – ISBN 978-80-223-5032-7

Študentská vedecká konferencia PriF UK 2020 : eŠVK PRIF UK 2020 [Bratislava, Slovensko, 18.11.2020] [zborník (do 2021)]

[OV 130 Vedy o živej prírode - OV 100 Environmentalistika a ekológia - OV 120 Chémia, chemická technológia a biotechnológia]

ŠTATISTIKA ZÁZNAMOV: 48

Podľa kategórie EPC od roku 2022

Počet všetkých záznamov: 14

V1 - Vedecký výstup publikačnej činnosti ako celok: 4

V2 - Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka: 2

V3 - Vedecký výstup publikačnej činnosti z časopisu: 4

O2 - Odborný výstup publikačnej činnosti ako časť knižnej publikácie alebo zborníka: 2

P1 - Pedagogický výstup publikačnej činnosti ako celok: 2

Podľa kategórie EPC do roku 2021

Počet všetkých záznamov: 34

ADC - Vedecké práce v zahraničných karentovaných časopisoch: 15

AFC - Publikované príspevky na zahraničných vedeckých konferenciách: 1

AFD - Publikované príspevky na domácich vedeckých konferenciách: 2

AFG - Abstrakty príspevkov zo zahraničných vedeckých konferencií: 4

AFH - Abstrakty príspevkov z domácich vedeckých konferencií: 2

BDF - Odborné práce v ostatných domácich časopisoch: 1

BEE - Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných): 5

BFA - Abstrakty odborných prác zo zahraničných podujatí (konferencie...): 2

FAI - Zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky, atlasy...): 2

Podľa typu dokumentu

článok: 20

príspevok z podujatia: 11

abstrakt z podujatia - KP: 9

zborník (do 2021): 2

zborník - vedecký: 4

skriptum: 2

Podľa krajiny vydania

Počet domácich vydaní: 15

Počet zahraničných vydaní: 30

Počet bez krajiny vydania: 3

Podľa oblasti výskumu

010 Pedagogické vedy: 4

092 Vedy o Zemi a vesmíre: 2

100 Environmentalistika a ekológia: 4

120 Chémia, chemická technológia a biotechnológie: 47

130 Vedy o živej prírode: 7

210 Vedy o športe: 2

Podľa študijného odboru

1217 vedy o Zemi: 2

1420 chémia: 14

1536 biológia: 4

1610 ekologické a environmentálne vedy: 2

7418 vedy o športe: 2

7605 učiteľstvo a pedagogické vedy: 3

Podľa podujatia

Počet všetkých konferenčných publikácií a príspevkov: 22

Z toho na domácich podujatiach: 11

Z toho na zahraničných podujatiach: 11

Podľa projektov

Počet publikácií s naviazaným projektom: 24

Podľa databáz a citačných indexov (obsahuje čakateľov)

CCC Current Content Connect: 19

OA Open access: 2

SCO SCOPUS: 19

WOS CC Web of Science Core Collection: 21

IC Index Chemicus: 1

SCIE Science Citation Index Expanded: 3

Podľa metrík

AIS: 13

CiteScore: 18

IF: 18

Nordic List: 1

SJR: 18

SNIP: 18

Podľa kvartilov

Počet záznamov s kvartilom AIS: 13

Z toho Q1: 5

Z toho Q2: 9

Počet záznamov s kvartilom JCI: 3

Z toho Q1: 3

Počet záznamov s kvartilom JCR: 16

Z toho Q1: 13

Z toho Q2: 8

Z toho Q3: 1

Počet záznamov s kvartilom Scimago: 16

Z toho Q1: 14

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ŠTATISTIKA OHLASOV: 236

Počet publikácií s ohlasom: 18

Podľa kategórie ohlasov

Počet ohlasov kategorizovaných podľa vyhlášky č. 456/2012: 6

Z toho bez autocitácií: 6

01 Citácie v zahraničných publikáciách registrované v citačných indexoch WOS CC a SCOPUS: 6

Z toho bez autocitácií: 6

Počet ohlasov kategorizovaných podľa vyhlášky č. 397/2020: 230

Z toho bez autocitácií: 230

01 Citácia v publikácii registrovaná v citačných indexoch: 230

Z toho bez autocitácií: 230

Počet indexovaných ohlasov

CCC Current Content Connect: 131

SCO SCOPUS: 206

WOS CC Web of Science Core Collection: 149

SCIE Science Citation Index Expanded: 3

Počet zahraničných vydání: 237

Počet bez krajiny vydania: 1

Výpis ku dňu 31.7.2025

Vypracovala: Eliška Matejčková, Ústredná knižnica - CKIPS