

Menný zoznam publikácií:

V2 Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka

Počet výstupov: 13

V2_001 / Biswas, Apurba (Autor) [Interný doktorand] [UKOPRCOR] (60%) - Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (30%) - Májek, Michal (Autor) [UKOPRCOR] (10%): **Synthesis of [5]helicene by piezoelectric-mediated mechanoredox [4+2] benzannulation.** – text, ilustr. – [recenzované].

In: *Študentská vedecká konferencia PriF UK 2025* [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]. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2025. – ISBN (online) 978-80-223-6080-7, s. 719-724 [online]

Študentská vedecká konferencia PriF UK [Bratislava, Slovensko, 30.04.2025]

Počet všetkých autorov: 3

[príspevok z podujatia]

Lit.: 7

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_002 / Das, Rahul (Korešpondenčný autor) [Interný doktorand] [UKOPRCOR] (70%) - Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (20%) - Májek, Michal (Autor) [UKOPRCOR] (10%): **Mechanoredox enabled synthesis of diaryl sulfones.** – text, graf. – [recenzované].

In: *Chémia a technológia pre život* [elektronický dokument] : 26. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou / Reháková, Milena [Zostavovateľ, editor] ; Oravec, Juraj [Zostavovateľ, editor]. – 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. 113-114 [online]

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

Počet všetkých autorov: 3

[príspevok z podujatia]

Lit.: 6

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_003 / Biswas, Apurba (Autor) [Interný doktorand] [UKOPRCOR] (75%) - Sourav, Roy (Autor) (5%) - Hrishikesh, Paul (Autor) (5%) - SK, Ariyan (Autor) (5%) - Májek, Michal (Autor) [UKOPRCOR] (5%) - Chatterjee, Indranil (Autor) (5%): **Introducing N-Sulfinylamines into Visible-Light-Induced Carbene Chemistry for the Synthesis of Diverse Amides and alpha-iminoesters.** – text, graf. – [recenzované].

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]. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2024. – ISBN (online) 978-80-223-5822-4, s. 591-594 [online]

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

Počet všetkých autorov: 6

[príspevok z podujatia]

Lit.: 5

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_004 / Das, Rahul (Autor) [Interný doktorand] [UKOPRCOR] (80%) - Májek, Michal (Autor) [UKOPRCOR] (10%) - Das, Sajal (Autor) (10%): **Selective Functionalization of 4-Quinolone Core.** – text, graf. – [recenzované].

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]. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2024. – ISBN (online) 978-80-223-5822-4, s. 646-650 [online]

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

Počet všetkých autorov: 3

[príspevok z podujatia]

Lit.: 3

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_005 / Das, Rahul (Autor) [Interný doktorand] [UKOPRCOR] (80%) - Májek, Michal (Autor) [UKOPRCOR] (20%) - Danko, Martin (Recenzent) - Koóš, Peter (Recenzent) : **Mechano-redox-Driven Functionalization of Small Molecules.** – text, graf., tab.

In: *Zimné kolokvium organickej chémie 2024* [elektronický dokument] : Zborník príspevkov / Cigán, Marek [Zostavovateľ, editor] ; Mravec, Bernard [Zostavovateľ, editor] ; Mravíková, Zuzana [Zostavovateľ, editor] ; Šebesta, Radovan [Zostavovateľ, editor]. – 1.. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2024. – ISBN (online) 978-80-223-5977-1, s. 11-17 [online]

Počet všetkých autorov: 2

[príspevok]

Lit.: 3

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_006 / Dudáš, Peter (Autor) (80%) - Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (15%) - Májek, Michal (Autor) [UKOPRCOR] (5%): **Mechanochemically-induced radical nitrations of aromatic compounds using metal nitrates.** – text, graf., tab. – [recenzované].

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]. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2024. – ISBN (online) 978-80-223-5822-4, s. 652-655 [online]

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

Počet všetkých autorov: 3

[príspevok z podujatia]

Lit.: 6

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_007 / Puffler, Martin (Autor) (50%) - Májek, Michal (Autor) [UKOPRCOR] (50%): **Vývoj nových metód pre výpočet redoxných potenciálov organických zlúčenín** = Development of new methods for calculating redox potentials of organic molecules. – text, graf., tab., obr. – [recenzované].

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]. – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2024. – ISBN (online) 978-80-223-5822-4, s. 792-797 [online]

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

Počet všetkých autorov: 2

[príspevok z podujatia]

Lit.: 4

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_008 / Biswas, Apurba (Korešpondenčný autor) [Interný doktorand] [UKOPRCOR] (75%) - Roy, Sourav (Autor) (10%) - Hrishikesh, Paul (Autor) (5%) - Májek, Michal (Autor) [UKOPRCOR] (5%) - Chatterjee, Indranil (Autor) (5%): **Mechanistic Insights into Photoinduced Amidation and Imination Reaction.** – text, graf. – [recenzované].

In: *Chémia a technológia pre život* [elektronický dokument] : 26. celoslovenská študentská vedecká konferencia s medzinárodnou účasťou / Reháková, Milena [Zostavovateľ, editor] ; Oravec, Juraj [Zostavovateľ, editor]. – 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. 338-339 [online]

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

Počet všetkých autorov: 5

[príspevok z podujatia]

Lit.: 5

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_009 / Dudáš, Peter (Korešpondenčný autor) (80%) - Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (15%) - Májek, Michal (Autor) [UKOPRCOR] (5%): **Mechanochemically induced radical cyclizations with piezoelectric catalysis.** – text, ilustr.

In: *Chémia a technológia pre život* [elektronický dokument] : elektronický zborník recenzovaných príspevkov / Reháková, Milena [Zostavovateľ, editor] ; Oravec, Juraj [Zostavovateľ, editor] ; Benköová, Michaela [Recenzent] ; Blaškovičová, Jana [Recenzent]. – 1. vyd. – Bratislava (Slovensko) : Slovenská technická univerzita v Bratislave. Fakulta chemickej a potravinárskej technológie. Slovenská chemická knižnica, 2023. – ISBN 978-80-8208-106-3, s. 310-311 [online]

Chémia a technológia pre život, 25 [Bratislava, Slovensko, 22.11.2023]

Počet všetkých autorov: 3

[abstrakt z podujatia - KP]

Lit.: 3

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_010 / Andrejčák, Samuel (Korešpondenčný autor) [Interný doktorand] [UKOPRCOR] (85%) - Kisszekelyi, Peter (Autor) [UKOPRCOR] (5%) - Šebesta, Radovan (Autor) [UKOPRCOR] (5%) - Májek, Michal (Autor) [UKOPRCOR] (5%): **NaCl-promoted borylation of aryl diazonium salts under mechanochemical conditions.** – text, ilustr.

In: *Chémia a technológia pre život* [elektronický dokument] : elektronický zborník recenzovaných príspevkov / Reháková, Milena [Zostavovateľ, editor] ; Oravec, Juraj [Zostavovateľ, editor] ; Benköová, Michaela [Recenzent] ; Blaškovičová, Jana [Recenzent]. – 1. vyd. – Bratislava (Slovensko) : Slovenská technická univerzita v Bratislave. Fakulta chemickej a potravinárskej technológie. Slovenská chemická knižnica, 2023. – ISBN 978-80-8208-106-3, s. 312-313 [online]

Chémia a technológia pre život, 25 [Bratislava, Slovensko, 22.11.2023]

Počet všetkých autorov: 4

[abstrakt z podujatia - KP]

Lit.: 2

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_011 / Andrejčák, Samuel (Autor) (85%) - Šebesta, Radovan (Autor) [UKOPRCOR] (5%) - Májek, Michal (Autor) [UKOPRCOR] (10%) - Galamboš, Michal (Recenzent) - Pašteka, Lukáš Félix (Recenzent) :

Mechanochemically-induced radical reactions of diazonium salts. – text, ilustr., tab.

In: *Študentská vedecká konferencia PriF UK 2022* [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, 2022. – ISBN 978-80-223-5385-4, s. 697-702 [online] [tlačená forma]

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

Počet všetkých autorov: 3

[príspevok z podujatia]

Lit.: 6

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V2_012 / Francke, Robert (Autor) (50%) - Májek, Michal (Autor) [UKOPRCOR] (50%): **Mediated Electron Transfer in Electrosynthesis: Concepts, Applications, and Recent Influences from Photoredox Catalysis.** – text, obr. – [recenzované]. – DOI 10.1039/9781839164828-00119.

In: *Sustainable and Functional Redox Chemistry* [textový dokument (print)] [elektronický dokument] /

Inagi, Shinsuke [Zostavovateľ, editor]. – 1. vyd. – Londýn (Veľká Británia) : The Royal Society of Chemistry, 2022. – (Green Chemistry Series, ISSN 1757-7047 ; No. 69). – ISBN 978-1-83916-246-6. – ISBN (online) 978-1-83916-482-8, s. 119-153 [tlačená forma] [online]

Počet všetkých autorov: 2

[kapitola]

Lit.: 139

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Kvartil Q:

2021, Scimago - Biochemistry - Q4; **2021, Scimago** - Environmental chemistry - Q4; **2021, Scimago** - Management, monitoring, policy and law - Q3; **2021, Scimago** - Pollution - Q3

V2_013 / Krotká, Stela (Autor) (75%) - Májek, Michal (Autor) [UKOPRCOR] (25%) - Jerigová, Monika (Recenzent) - Galamboš, Michal (Recenzent) : **Fotoredoxné radikálové cyklizácie** = Photoredox radical cyclizations. – text, ilustr.

In: *Študentská vedecká konferencia PriF UK 2022* [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, 2022. – ISBN 978-80-223-5385-4, s. 848-853 [online] [tlačená forma]

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

Počet všetkých autorov: 2

[príspevok z podujatia]

Lit.: 6

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

V3 Vedecký výstup publikačnej činnosti z časopisu

Počet výstupov: 7

V3_001 / Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (40%) - Dudáš, Peter (Autor) (40%) - Májek, Michal (Autor) [UKOPRCOR] (20%): **Mechanochemically Driven Radical Nitration of Electron-Rich ortho and para Di- and Trialkoxyarenes Using Iron(III) Nitrate**. – text, ilustr. – [recenzované]. – DOI 10.1055/a-2547-8910. – CCC ; SCO ; WOS CC.

In: *Synlett* [textový dokument (print)] : accounts and rapid communications in synthetic organic chemistry. – Stuttgart (Nemecko) : Thieme publishing group. – ISSN 0936-5214. – ISSN (online) 1437-2096. – Roč. 36, č. 10 (2025), s. 1397-1402 [tlačená forma]

Počet všetkých autorov: 3

[článok]

Lit.: 50

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 1.7 - 2023

SNIP: 0,396 - 2023

SJR: 0,45 - 2023

CiteScore: 3,4 - 2023

AIS: 0.356 - 2023

Kvartil Q:

2023, AIS - Chemistry, organic - Q2; **2023, JCI** - Chemistry, organic - Q2; **2023, JIF** - Chemistry, organic - Q3; **2023, Scimago** - Organic chemistry - Q3

V3_002 / Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (50%) - Májek, Michal (Autor) [UKOPRCOR] (50%): **Applications of Electrophotocatalysis in C–H Functionalization of Organic Molecules**. – text, ilustr., graf. – [recenzované]. – DOI 10.1002/chem.202401795. – CCC ; WOS CC ; SCIE ; SCO.

In: *Chemistry - A European Journal* [textový dokument (print)] [elektronický dokument] . – Weinheim (Nemecko) : John Wiley & Sons. Wiley-VCH. – ISSN 0947-6539. – ISSN (online) 1521-3765. – Roč. 30, č. 57 (2024), art. no e202401795, s. [1-18] [tlačená forma] [online]

Počet všetkých autorov: 2

[článok]

Lit.: 55

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 3.9 - 2023

SNIP: 0,865 - 2023

SJR: 1,058 - 2023

CiteScore: 7,9 - 2023

AIS: 0.890 - 2023

Kvartil Q:

2023, AIS - Chemistry, multidisciplinary - Q2; **2023, JCI** - Chemistry, multidisciplinary - Q2; **2023, JIF** - Chemistry, multidisciplinary - Q2; **2023, Scimago** - Catalysis - Q2; **2023, Scimago** - Chemistry (miscellaneous) - Q1; **2023, Scimago** - Organic chemistry - Q1

Ohlasy (5):

2025 [01/20] / DEU - Gupta, Harshit - Saunkhla, Rajat - Indra, Arindam. **The Scope and Prospects of Photoelectrochemistry for C-H Bond Activation Using Semiconductor Photoanodes** [elektronický dokument]. DOI 10.1055/a-2545-3249 **In:** *Synlett: accounts and rapid communications in synthetic organic chemistry*. Stuttgart: Thieme publishing group, 2025, [tlačená forma]. ISSN 0936-5214. ISSN (online) 1437-2096. - SCO ; WOS CC

2025 [01/20] / DEU - Ding, Lucai - Yang, Guihong - Luo, Li - Ma, Yingchun - Shi, Jifu - Liang, Deqiang - Li, Yanni. **DABCO-Mediated Photoelectrochemical Three-Component Sulfonocyclization of 3-Aza-1,5-dienes** [elektronický dokument]. DOI 10.1002/cjoc.202401048 In: Chinese Journal of Chemistry. Weinheim: John Wiley & Sons. Wiley-Blackwell, 2025, Roč. 43, č. 5, s. 491-500 [tlačená forma] [online]. ISSN 1001-604X. ISSN (online) 1614-7065. - SCO ; WOS CC, s. 491 - 500

2025 [01/20] / USA - Ding, Zhiming - Wang, Danfeng - Wang, Gang - Du, Runjuan - Fan, Chuanting - Zhang, Yaheng - Zhang, Jie - Tang, Zhiyong. **Efficient Electrophotochemical Microreactor for Direct Green Production of Phenol from Benzene** [elektronický dokument]. DOI 10.1021/acs.iecr.5c00384 In: Industrial & Engineering Chemistry Research. Washington: American Chemical Society, 2025, Roč. 64, č. 19, s. 9566-9579 [tlačená forma] [online]. ISSN 0888-5885. ISSN (online) 1520-5045. - SCO ; CCC ; WOS CC, s. 9566 - 9579

2025 [01/20] / NLD - Labbé, Eric - Buriez, Olivier. **Interplay between molecular electrochemistry and light in mechanistic investigations** [elektronický dokument]. DOI 10.1016/j.coelec.2024.101613 In: Current Opinion in Electrochemistry. Amsterdam: Elsevier, 2025, Roč. 49, art. no. 101613, s. [1-7] [tlačená forma] [online]. ISSN 2451-9103. ISSN (online) 2451-9111. - SCO ; WOS CC, s. art. no. 101613

2024 [01/20] / GBR - Xu, Fen - Zhang, Shi Yu - Li, Ya Peng - Huo, Jia Qi - Zeng, Fan Wang. **Transition metal-catalyzed cascade C–H activation/cyclization with alkynes: an update on sulfur-containing directing groups** [elektronický dokument]. DOI 10.1039/d4cc05807k In: Chemical Communications. Cambridge: The Royal Society of Chemistry, 2024, Roč. 61, č. 9, s. 1729-1747 [tlačená forma] [online]. ISSN 1359-7345. ISSN (online) 1364-548X. ISSN (zrušené) 0009-241X. - SCO ; CCC ; WOS CC, s. 1729 - 1747

V3_003 / Dudáš, Peter (Autor) (80%) - Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (15%) - Májek, Michal (Autor) [UKOPRCOR] (5%): **Piezoelectrically-driven synthesis of phenanthrenes under mechanochemical conditions**. – text, graf. – [recenzované].
In: *Czech Chemical Society Symposium Series* [textový dokument (print)] [elektronický dokument] . – Praha (Česko) : Česká společnost chemická. – ISSN 2336-7202. – ISSN (online) 2336-7210. – ISSN (online) 2336-7229. – Roč. 22, č. 1 (2024), s. 9-10 [tlačená forma] [online] [CD-ROM]
Interdisciplinary meeting of young life scientists, 23 [Milovy, Česko, 20.05.2024-23.05.2024]
Počet všetkých autorov: 3
[abstrakt z podujatia - ČL]
Lit.: 3
[OV 120 Chémia, chemická technológia a biotechnológia]
[ŠO 1420 chémia]

V3_004 / Májek, Michal (Autor) [UKOPRCOR] (70%) - Trtúšek, Matej (Autor) (30%): **Discovery of new tetrazines for bioorthogonal reactions with strained alkenes via computational chemistry**. – text, ilustr., graf., tab. – [recenzované]. – DOI 10.1039/d3ra08712c. – CCC ; SCO ; WOS CC ; SCIE ; OA.
In: *RSC advances* [elektronický dokument] . – Cambridge (Veľká Británia) : The Royal Society of Chemistry. – ISSN (online) 2046-2069. – Roč. 14, č. 7 (2024), s. 4345-4351 [online]
Počet všetkých autorov: 2
[článok]
Lit.: 46
[OV 120 Chémia, chemická technológia a biotechnológia]
[ŠO 1420 chémia]
Indikátor časopisu:
IF: 3.9 - 2023
SNIP: 0,874 - 2023
SJR: 0,715 - 2023
CiteScore: 7,5 - 2023

AIS: 0.598 - 2023

Kvartil Q:

2023, AIS - Chemistry, multidisciplinary - Q2; **2023, JCI** - Chemistry, multidisciplinary - Q2; **2023, JIF** - Chemistry, multidisciplinary - Q2; **2023, Scimago** - Chemical engineering (miscellaneous) - Q1; **2023, Scimago** - Chemistry (miscellaneous) - Q2

Ohlasy (1):

2025 [01/20] / DEU - Seeman, Jeffrey I. **Woodward and Hoffmann on Secondary Orbital Interactions.**

How to Make a Fine Two-Course Meal from Leftovers** [elektronický dokument]. DOI

10.1002/tcr.202400051 In: Chemical Record. Weinheim: John Wiley & Sons. Wiley Periodicals, 2025, art. no. e202400051, s. [1-79] [tlačená forma] [online]. ISSN 1527-8999. ISSN (online) 1528-0691. - SCO ; WOS CC, s. [1 - 79]

V3_005 / Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (32%) - Kisszekelyi, Peter (Autor) [UKOPRCOR] (32%) - Májek, Michal (Autor) [UKOPRCOR] (26%) - Šebesta, Radovan (Autor) [UKOPRCOR] (10%): **Mechanochemical Radical Boronation of Aryl Diazonium Salts Promoted by Sodium Chloride.** – text, ilustr., graf. – [recenzované]. – DOI 10.1002/ejoc.202201399. – SCO ; WOS CC ; CCC.

In: European Journal of Organic Chemistry [textový dokument (print)] [elektronický dokument] . – Weinheim (Nemecko) : John Wiley & Sons. – ISSN 1434-193X. – ISSN (online) 1099-0690. – Roč. 26, č. 5 (2023), art. no. e202201399, s. [1-10] [tlačená forma] [online]

Počet všetkých autorov: 4

[článok]

Lit.: 44

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 2.5 - 2023

SNIP: 0,645 - 2023

SJR: 0,584 - 2023

CiteScore: 5,4 - 2023

Nordic List: 1 - 2023

AIS: 0.517 - 2023

Kvartil Q:

2023, AIS - Chemistry, organic - Q2; **2023, JCI** - Chemistry, organic - Q2; **2023, JIF** - Chemistry, organic - Q2; **2023, Scimago** - Organic chemistry - Q2; **2023, Scimago** - Physical and theoretical chemistry - Q2

Ohlasy (11):

2025 [01/20] / DEU - Spula, Carolina - Becker, Valentin - Talajić, Gregor - Grätz, Sven - Užarević, Krunoslav - Borchardt, Lars. **Metal-Free C–X Functionalization in Solid-State via Photochemistry in Ball Mills** [elektronický dokument]. DOI 10.1002/cssc.202401022 In: ChemSusChem. Weinheim: John Wiley & Sons. Wiley-VCH, 2025, Roč. 18, č. 5, s. [1-7] [tlačená forma] [online]. ISSN 1864-5631. ISSN (online) 1864-564X. - SCO ; CCC ; WOS CC, s. [1 - 7]

2025 [01/20] / USA - Millward, Francis - Zysman-Colman, Eli. **Mechanometallaphotoredox Catalysis: Utilizing Increased Throughput Mechanochemistry to Develop Solvent-Minimized Aryl Amination and C(sp²)-C(sp³) Cross-Coupling Reactions with Increased Tolerance to Aerobic Conditions** [elektronický dokument]. DOI 10.1021/jacs.5c05503 In: Journal of the American Chemical Society. Washington: American Chemical Society, 2025, Roč. 147, č. 26, s. 22919-22931 [tlačená forma] [CD-ROM] [online]. ISSN 0002-7863. ISSN 1943-2984. ISSN (online) 1520-5126. - SCO ; CCC ; WOS CC, s. 22919 - 22931

2025 [01/20] / DEU - Sander, Miriam - Metternich, Justus T. - Dippner, Pascal - Kruss, Sebastian - Borchardt, Lars. **Controlled Introduction of sp³ Quantum Defects in Fluorescent Carbon Nanotubes by Mechanochemistry** [elektronický dokument]. DOI 10.1002/anie.202421021 In: Angewandte Chemie:

International Edition. Weinheim: John Wiley & Sons. Wiley-VCH, 2025, Roč. 64, č. 10, art. no. e202421021, s. [1-7g [tlačená forma] [online]. ISSN 1433-7851. ISSN (online) 1521-3773. - SCO ; CCC ; WOS CC, s. [1 - 7g

2025 [01/20] / USA - Liu, Tao - Cai, Yi Ping - Song, Qin Hua. **Visible-Light-Mediated Borylation of Arenes via an Electron Donor-Acceptor Complex of Thianthrenium Salts** [elektronický dokument]. DOI 10.1021/acs.joc.5c00469 In: Journal of Organic Chemistry. Washington, D.C.: American Chemical Society. ACS Publications, 2025, s. 6569-6576 [tlačená forma] [online]. ISSN 0022-3263. ISSN (online) 1520-6904. - SCO ; CCC ; WOS CC, s. 6569 - 6576

2025 [01/20] / DEU - Sheikholeslami, Sahra - Sperry, Jonathan. **Mechanochemical Radical Transformations in Organic Synthesis** [elektronický dokument]. DOI 10.1002/chem.202403833 In: Chemistry - A European Journal. Weinheim: John Wiley & Sons. Wiley-VCH, 2025, Roč. 31, č. 1, s. [1-18] [tlačená forma] [online]. ISSN 0947-6539. ISSN (online) 1521-3765. - SCO ; WOS CC, s. [1 - 18]

2024 [01/20] / DEU - Liu, Ruoxuan - He, Xiaochun - Liu, Tianfen - Wang, Xiaohong - Wang, Qingqing - Chen, Xinzhou - Lian, Zhong. **Organic Reactions Enabled by Mechanical Force-Induced Single Electron Transfer** [elektronický dokument]. DOI 10.1002/chem.202401376 In: Chemistry - A European Journal. Weinheim: John Wiley & Sons. Wiley-VCH, 2024, Roč. 30, č. 47, s. [1-14] [tlačená forma] [online]. ISSN 0947-6539. ISSN (online) 1521-3765. - SCO ; WOS CC, s. [1 - 14]

2024 [01/20] / USA - Zhao, Yunyi - Yang, Zekun - Wang, Xin - Kang, Qinchun - Wang, Bobo - Wu, Tianle - Lei, Hao - Ma, Peile - Su, Wenqiang - Wang, Siyuan - Wu, Zhiqiang - Huang, Xinsong - Fan, Chunying - Wei, Xiaofeng. **Mechanochemical Synthesis of α -halo Alkylboronic Esters** [elektronický dokument]. DOI 10.1002/adv.202404071 In: Advanced Science. Hoboken: John Wiley & Sons. Wiley-Blackwell, 2024, Roč. 11, č. 33, art. no. 2404071, s. [1-9] [online]. ISSN (online) 2198-3844. - SCO ; WOS CC, s. [1 - 9]

2024 [01/20] / GBR - Tan, Fang - Fang, Chang Zhen - Qiu, Bing Sheng - Sheng, He - Tu, Yong Liang - Chen, Xiang Yu. **Charge transfer complex enabled mechanochemical synthesis of chalcogenoacetylenes via alkynyl radicals** [elektronický dokument]. DOI 10.1039/d4qo01827c In: Organic chemistry frontiers: an international journal of organic chemistry / Royal Society of Chemistry. London : The Royal Society of Chemistry. RSC Publishing, 2024, Roč. 12, č. 2, s. 649-654 [tlačená forma] [online]. ISSN 2052-4110. ISSN (online) 2052-4129. - SCO ; WOS CC, s. 649 - 654

2023 [01/20] / DEU - Fu, Ying - Guo, Liang Liang - Chen, Xi - Chen, Hao - Liu, Jia Jia - Li, Fang Rong - Xiao, Cai Qin - Du, Zhengyin. **Pd/Cu Co-Catalyzed ortho-Arylation of Aryl Iodides via Radical Intermediates with Aryl Diazonium Salts** [elektronický dokument]. DOI 10.1002/adsc.202300883 In: Advanced Synthesis & Catalysis. Weinheim: John Wiley & Sons. Wiley-VCH, 2023, Roč. 365, č. 23, s. 4248-4255 [tlačená forma] [online]. ISSN 1615-4150. ISSN (online) 1615-4169. - SCO, s. 4248 - 4255

2023 [01/20] / USA - Gu, Xiang - Wang, Taoyong - Yan, Ka King. **Solvent-Free Mechanoradical-Mediated Minisci-Type C-H Alkylation of N-Heteroarenes** [elektronický dokument]. DOI 10.1021/acs.orglett.3c02480 In: Organic Letters. Washington, D.C.: American Chemical Society. ACS Publications, 2023, Roč. 25, č. 40, s. 7287-7292 [tlačená forma] [online]. ISSN 1523-7060. ISSN (online) 1523-7052. - SCO ; CCC ; WOS CC, s. 7287 - 7292

2023 [01/20] / DEU - Wang, Xiaohong - Zhang, Xuemei - Xue, Li - Wang, Qingqing - You, Fengzhi - Dai, Lunzhi - Wu, Jiagang - Kramer, Søren - Lian, Zhong. **Mechanochemical Synthesis of Aryl Fluorides by Using Ball Milling and a Piezoelectric Material as the Redox Catalyst** [elektronický dokument]. DOI 10.1002/anie.202307054 In: Angewandte Chemie: International Edition. Weinheim: John Wiley & Sons. Wiley-VCH, 2023, Roč. 62, č. 39, art. no. e202307054 [tlačená forma] [online]. ISSN 1433-7851. ISSN (online) 1521-3773. - SCO ; CCC ; WOS CC

V3_006 / Enders, Patrick (Autor) (40%) - Májek, Michal (Autor) [UKOPRCOR] (40%) - Lam, Chiu Marco (Autor) (5%) - Little, R. Daniel (Autor) (5%) - Francke, Robert (Autor) (10%): **How to Harness Electrochemical Mediators for Photocatalysis - A Systematic Approach Using the Phenanthro[9,10-d]imidazole Framework as a Test Case.** – text, ilustr., graf., tab. – [recenzované]. – DOI 10.1002/cctc.202200830. – SCO ; WOS CC ; SCIE ; CCC ; OA.

In: *ChemCatChem* [textový dokument (print)] [elektronický dokument] : Heterogeneous & Homogeneous & Bio- & Nano- Catalysis : Chemical Catalysis Catalytical Chemistry. – Hoboken (USA) : John Wiley & Sons. – ISSN 1867-3880. – ISSN (online) 1867-3899. – Roč. 15, č. 1 (2023), art. no. e202200830, s. [1-10] [tlačaná forma] [online]

Počet všetkých autorov: 5

[článok]

Lit.: 50

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 3.8 - 2023

SNIP: 0,775 - 2023

SJR: 1,034 - 2023

CiteScore: 8,1 - 2023

AIS: 0.941 - 2023

Kvartil Q:

2023, AIS - Chemistry, physical - Q2; **2023, JCI** - Chemistry, physical - Q3; **2023, JIF** - Chemistry, physical - Q2; **2023, Scimago** - Catalysis - Q2; **2023, Scimago** - Inorganic chemistry - Q1; **2023, Scimago** - Organic chemistry - Q1; **2023, Scimago** - Physical and theoretical chemistry - Q1

Ohlasy (9):

2025 [01/20] / USA - Gülle, Sibel - Çelik Erbaş, Seçil - Polatoğlu, İlker. **Synthesis of Novel Phenanthroimidazole Based Beta-Diketone Compounds: Investigation of Their Spectroscopic Properties and Electrochemical Characterization** [elektronický dokument]. DOI 10.1007/s10895-025-04191-4 In: *Journal of Fluorescence*. New York: Springer Nature. Springer International Publishing AG, 2025, s. [1-13] [tlačaná forma] [online]. ISSN 1053-0509. ISSN (online) 1573-4994. - SCO ; WOS CC, s. [1 - 13]

2025 [01/20] / NLD - Labbé, Eric - Buriez, Olivier. **Interplay between molecular electrochemistry and light in mechanistic investigations** [elektronický dokument]. DOI 10.1016/j.coelec.2024.101613 In: *Current Opinion in Electrochemistry*. Amsterdam: Elsevier, 2025, Roč. 49, art. no. 101613, s. [1-7] [tlačaná forma] [online]. ISSN 2451-9103. ISSN (online) 2451-9111. - SCO ; WOS CC, s. [1 - 7]

2025 [01/20] / USA - Rahal, Mahmoud - Vilà, Neus - Despas, Christelle - Sebbat, Malik - Silswal, Akshay - Jonusauskas, Gediminas - McClenaghan, Nathan - Oheix, Emmanuel - Lebeau, Bénédicte - Cormier, Morgan - Goddard, Jean Philippe - Walcarius, Alain. **Photoelectrocatalytic response of tris(2,2'-bipyridyl)ruthenium(II)-modified mesoporous silica film on ITO electrode with methyl viologen quencher and EDTA donor** [elektronický dokument]. DOI 10.1007/s10008-025-06254-9 In: *Journal of Solid State Electrochemistry: Current Research and Development in Science and Technology*. New York, NY: Springer Nature, 2025, Roč. 29, č. 6, s. 2129-2140 [tlačaná forma]. ISSN 1432-8488. ISSN (online) 1433-0768. - SCO ; WOS CC, s. 2129 - 2140

2025 [01/20] / USA - Dohi, Toshifumi - Elboray, Elghareeb E. - Kikushima, Kotaro - Morimoto, Koji - Kita, Yasuyuki. **Iodoarene Activation: Take a Leap Forward toward Green and Sustainable Transformations** [elektronický dokument]. DOI 10.1021/acs.chemrev.4c00808 In: *Chemical Reviews*. Washington: American Chemical Society, 2025, Roč. 125, č. 6, s. 3440-3550 [tlačaná forma] [online]. ISSN 0009-2665. ISSN (online) 1520-6890. - SCO ; WOS CC, s. 3440 - 3550

2024 [01/20] / CHE - Rahal, Mahmoud - Vilà, Neus - Despas, Christelle - Sebbat, Malik - McClenaghan,

Nathan - Oheix, Emmanuel - Lebeau, Bénédicte - Cormier, Morgan - Goddard, Jean Philippe - Walcarius, Alain. **Towards electrochemical regeneration of redox photocatalysts? The example of the tris(2,2'-bipyridine)ruthenium(II)/methylviologen system** [elektronický dokument]. DOI 10.1016/j.jelechem.2024.118618 In: Journal of Electroanalytical Chemistry. Lausanne: Elsevier, 2024, Roč. 972, art. no. 118618, s. [1-8] [tlačená forma] [online]. ISSN 1572-6657. ISSN (online) 1873-2569. - SCO ; WOS CC, s. art. no. 118618

2024 [01/20] / DEU - Huang, Yubing. **Electroreduction Reactions Mediated by Organic Molecules: Recent Advances and Applications** [elektronický dokument]. DOI 10.1002/ejoc.202400880 In: European Journal of Organic Chemistry. Weinheim: John Wiley & Sons. Wiley-VCH, 2024, Roč. 27, č. 47, s. [1-12] [tlačená forma] [online]. ISSN 1434-193X. ISSN (online) 1099-0690. - SCO ; WOS CC, s. [1 - 12]

2024 [01/20] / USA - Carneiro, Sabrina N. - Laffoon, Joshua D. - Luo, Long - Sanford, Melanie S. **Benchmarking Trisaminocyclopropeniums as Mediators for Anodic Oxidation Reactions** [elektronický dokument]. DOI 10.1021/acs.joc.4c00422 In: Journal of Organic Chemistry. Washington, D.C.: American Chemical Society. ACS Publications, 2024, Roč. 89, č. 9, s. 6389-6394 [tlačená forma] [online]. ISSN 0022-3263. ISSN (online) 1520-6904. - SCO ; CCC ; WOS CC, s. 6389 - 6394

2024 [01/20] / DEU - Liu, Shuai - Ma, Li - Hao, Feixiang - Gao, Wei - Li, Baoying - Liu, Siyuan - Liu, Zunqi - Li, Yuehui - Chen, Jianbin. **Molecular Electro(Photo)Catalysis: Triarylamine and Triarylimidazole Derivatives Mediated Oxidation Systems in Organic Electrosynthesis** [elektronický dokument]. DOI 10.1002/adsc.202400435 In: Advanced Synthesis & Catalysis. Weinheim: John Wiley & Sons. Wiley-VCH, 2024, Roč. 366, č. 19, s. 3943-3962 [tlačená forma] [online]. ISSN 1615-4150. ISSN (online) 1615-4169. - SCO ; WOS CC, s. 3943 - 3962

2023 [01/20] / USA - Quintaine, Julie - Saudan, Lionel - Santoro, Francesco - Oddon, Gilles - Labbé, Eric - Buriez, Olivier. **Monitoring and Assessing Iridium-Promoted Photoredox Catalysis by Electrochemistry** [elektronický dokument]. DOI 10.1021/acscatal.3c04058 In: ACS Catalysis. Washington: American Chemical Society, 2023, Roč. 13, č. 22, s. 14894-14906 [online]. ISSN (online) 2155-5435. - SCO ; CCC ; WOS CC, s. 14894 - 14906

V3_007 / Bulko, Filip (Autor) [Interný doktorand] [UKOPRCOR] (70%) - Májek, Michal (Autor) [UKOPRCOR] (5%) - Putala, Martin (Autor) [UKOPRCOR] (25%): Deracemization of Binaphthyl by Suzuki Diarylation: The Role of Electronic and Steric Effects. – text, graf., tab. – [recenzované]. – DOI 10.1021/acs.joc.2c01041. – SCO ; WOS CC.

In: Journal of Organic Chemistry [textový dokument (print)] [elektronický dokument] . – Washington, D.C. (USA) : American Chemical Society. ACS Publications. – ISSN 0022-3263. – ISSN (online) 1520-6904. – Roč. 87, č. 14 (2022), s. 9316-9329 [tlačená forma] [online]

Počet všetkých autorov: 3

[článok]

Lit.: 60

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

Indikátor časopisu:

IF: 3.6 - 2022

SNIP: 0,885 - 2022

SJR: 0,892 - 2022

CiteScore: 6,8 - 2022

AIS: 0.683 - 2022

Kvartil Q:

2022, AIS - Chemistry, organic - Q1; **2022, JCI** - Chemistry, organic - Q1; **2022, JIF** - Chemistry, organic - Q1; **2022, Scimago** - Organic chemistry - Q1

Ohlasy (3):

2023 [01/20] / USA - Tozawa, Kumi - Makino, Kosho - Tanaka, Yuki - Nakamura, Kayo - Inagaki, Akiko - Tabata, Hidetsugu - Oshitari, Tetsuta - Natsugari, Hideaki - Kuroda, Noritaka - Kanemaru, Kunio - Oda, Yuji - Takahashi, Hideyo. **Conversion of Racemic Alkyl Aryl Sulfoxides into Pure Enantiomers Using a Recycle Photoreactor: Tandem Use of Chromatography on Chiral Support and Photoracemization on Solid Support** [elektronický dokument]. DOI 10.1021/acs.joc.3c00265 In: Journal of Organic Chemistry. Washington, D.C.: American Chemical Society. ACS Publications, 2023, Roč. 88, č. 11, s. 6955-6961 [tlačená forma] [online]. ISSN 0022-3263. ISSN (online) 1520-6904. - SCO ; CCC ; WOS CC, s. 6955 - 6961

2023 [01/20] / USA - Qu, Hong Yu - Zheng, Wen Hua. **Synthesis of Chiral Biphenyl Monophosphines as Ligands in Enantioselective Suzuki-Miyaura Coupling** [elektronický dokument]. DOI 10.1021/acs.orglett.3c03487 In: Organic Letters. Washington, D.C.: American Chemical Society. ACS Publications, 2023, Roč. 25, č. 51, s. 9119-9123 [tlačená forma] [online]. ISSN 1523-7060. ISSN (online) 1523-7052. - SCO ; CCC ; WOS CC, s. 9119 - 9123

2023 [01/20] / CHE - Hu, Shaoqiang. **Copper (II) Ions Induced Self-Disproportionation of Enantiomers in Capillary Electrophoresis for the Quantification of Atenolol Enantiomers** [elektronický dokument]. DOI 10.3390/molecules28155908 In: Molecules. Bazilej: Multidisciplinary Digital Publishing Institute, 2023, Roč. 28, č. 15, art. no. 5908 [online]. ISSN (online) 1420-3049. - SCO ; CCC ; WOS CC, s. art. no. 5908

O2 Odborný výstup publikačnej činnosti ako časť knižnej publikácie alebo zborníka

Počet výstupov: 2

O2_001 / Andrejčák, Samuel (Autor) [Interný doktorand] [UKOPRCOR] (85%) - Kisszekelyi, Peter (Autor) [UKOPRCOR] (5%) - Šebesta, Radovan (Autor) [UKOPRCOR] (5%) - Májek, Michal (Autor) [UKOPRCOR] (5%): **Mechanochemical borylation of aryl diazonium salts promoted by sodium chloride**. – text.

In: *ISySyCat - International Symposium on Synthesis and Catalysis* [textový dokument (print)] [elektronický dokument] / Marques, Carolina S. [Zostavovateľ, editor] ; Carreiro, Elisabete P. [Zostavovateľ, editor] ; Burke, Anthony J. [Zostavovateľ, editor]. – 1. vyd. – Evora (Portugalsko) : University of Évora, 2023. – ISBN 978-972-778-309-0. – ISBN (online) 978-972-778-310-6, s. [1-1] International Symposium on Synthesis and Catalysis 2023 [Evora, Portugalsko, 05.09.2023-08.09.2023]

Počet všetkých autorov: 4

[abstrakt z podujatia - KP]

Lit.: 2

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

O2_002 / Bulko, Filip (Autor) [Interný doktorand] [UKOPRCOR] (60%) - Májek, Michal (Autor) [UKOPRCOR] (20%) - Putala, Martin (Autor) [UKOPRCOR] (20%): **Stereoselectivity of binaphthyl diarylation at 2,2'-positions by deracemization Suzuki coupling: a combination of electronic and steric effects**. – ilustr.

In: *24th Virtual Conference on Organometallic Chemistry EuCOMC* [textový dokument (print)] [elektronický dokument] : book of abstracts / Cuenca, Tomás [Zostavovateľ, editor] ; Jesús, Ernesto de [Zostavovateľ, editor] ; Gómez, Manuel [Zostavovateľ, editor] ; Mosquera, Marta E.G. [Zostavovateľ, editor]. – 1. vyd. – Madrid (Španielsko) : Fundación General de la Universidad de Alcalá, 2021, s. 176-176 Virtual Conference on Organometallic Chemistry, 24 [Madrid, Španielsko, 01.09.2021-03.09.2021]

Počet všetkých autorov: 3

[poster z podujatia - KP]

Lit.: 6

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

P1 Pedagogický výstup publikačnej činnosti ako celok

Počet výstupov: 1

P1_001 / Májek, Michal (Autor) [UKOPRCOR] (100%) - Sebechlebská, Táňa (Recenzent) - Koóš, Peter (Recenzent) : **Modern organic photochemistry and electrochemistry** [textový dokument (print)] . – 1. vyd. – Bratislava (Slovensko) : Univerzita Komenského v Bratislave, 2025. – 92 s. [8,48 AH] [tlačená forma] : text. – ISBN 978-80-223-6020-3

Počet všetkých autorov: 1

[učebnica pre vysoké školy]

[OV 120 Chémia, chemická technológia a biotechnológia]

[ŠO 1420 chémia]

ADC Vedecké práce v zahraničných karentovaných časopisoch

Počet výstupov: 17

ADC_001 / Matouš, Petr (Autor) (40%) - Májek, Michal (Autor) [UKOPRCOR] (40%) - Kysilka, Ondřej (Autor) (2%) - Kuneš, Jiří (Autor) (2%) - Maříková, Jana (Autor) (2%) - Růžicka, Aleš (Autor) (2%) - Pour, Milan (Autor) (2%) - Kočovský, Pavel (Autor) (10%): **Reaction Outcome Critically Dependent on the Method of Workup: An Example from the Synthesis of 1-Isoquinolones**. – text. – DOI

10.1021/acs.joc.1c00561. – SCO ; CCC ; WOS CC.

In: *Journal of Organic Chemistry* [textový dokument (print)] [elektronický dokument] . – Washington, D.C. (USA) : American Chemical Society. ACS Publications. – ISSN 0022-3263. – ISSN (online) 1520-6904. – Roč. 86, č. 12 (2021), s. 8078-8088 [tlačená forma] [online]

Počet všetkých autorov: 8

[článok]

Lit.: 121

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 4.198 - 2021

SNIP: 0,916 - 2021

SJR: 0,983 - 2021

CiteScore: 7,2 - 2021

AIS: 0.743 - 2021

Kvartil Q:

2021, AIS - Chemistry, organic - Q1; **2021, JIF** - Chemistry, organic - Q1; **2021, Scimago** - Organic chemistry - Q1

Ohlasy (5):

2024 [01/20] / DEU - Hu, Ze Nan - Wang, Yan Hui - Wu, Jia Bing - Chen, Ze - Hong, Dou - Zhang, Chi.

Solvent-dependent chemoselective synthesis of different isoquinolinones mediated by the hypervalent iodine(III) reagent PISA [elektronický dokument]. DOI 10.3762/bjoc.20.167 In: Beilstein Journal of Organic Chemistry. Frankfurt nad Mohanom: Beilstein-Institut zur Förderung der Chemischen Wissenschaften, 2024, Roč. 20, s. 1914-1921 [tlačená forma]. ISSN 2195-951X. ISSN (online) 1860-5397. - SCO ; WOS CC, s. [1 - 8]

2023 [01/20] / NLD - Badenock, Jeanese C. **Six-membered ring systems: pyridines and benzo derivatives**. DOI 10.1016/B978-0-443-18939-5.00012-3 In: Progress in Heterocyclic Chemistry. Amsterdam: Elsevier, 2023, s. 387-424. ISBN 978-0-443-18939-5. ISSN 0959-6380. - SCO, s. 387 - 424

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Počet všetkých autorov: 7

[článok]

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[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 6.065 - 2021

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CiteScore: 10,2 - 2021

AIS: 1.124 - 2021

Kvartil Q:

2021, AIS - Chemistry, multidisciplinary - Q2; **2021, JIF** - Chemistry, multidisciplinary - Q2; **2021, Scimago** - Catalysis - Q1; **2021, Scimago** - Ceramics and composites - Q1; **2021, Scimago** - Chemistry (miscellaneous) - Q1; **2021, Scimago** - Electronic, optical and magnetic materials - Q1; **2021, Scimago** - Materials chemistry - Q1; **2021, Scimago** - Metals and alloys - Q1; **2021, Scimago** - Surfaces, coatings and films - Q1

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Indikátor časopisu:

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SJR: 1,94 - 2020

CiteScore: 10,2 - 2020

AIS: 1.121 - 2020

Kvartil Q:

2020, AIS - Chemistry, organic - Q1; **2020, JIF** - Chemistry, organic - Q1; **2020, Scimago** - Biochemistry - Q1; **2020, Scimago** - Organic chemistry - Q1; **2020, Scimago** - Physical and theoretical chemistry - Q1

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Počet všetkých autorov: 7

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CiteScore: 7,5 - 2020

AIS: 0.792 - 2020

Kvartil Q:

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Počet všetkých autorov: 4

[článok]

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Indikátor časopisu:

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Kvartil Q:

2019, JIF - Chemistry, organic - Q1; **2019, Scimago** - Organic chemistry - Q1

Ohlasy (15):

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Počet všetkých autorov: 4

[článok]

Lit.: 49

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 4,154 - 2019

SNIP: 0,689 - 2019

SJR: 1,149 - 2019

CiteScore: 5,6 - 2019

Kvartil Q:

2019, JIF - Electrochemistry - Q2; **2019, Scimago** - Catalysis - Q2; **2019, Scimago** - Electrochemistry - Q1

Ohlasy (22):

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ADC_007 / Neumeier, Michael (Autor) (30%) - Sampedro, Diego (Autor) (25%) - Májek, Michal (Autor) [UKOPRCOR] (25%) - de la Pena O'Shea, Victor A. (Autor) (5%) - von Wangelin, Axel Jacobi (Autor) (5%) - Pérez-Ruiz, Raúl (Autor) (10%): **Dichromatic Photocatalytic Substitutions of Aryl Halides with a Small Organic Dye**. – text, ilustr. – DOI 10.1002/chem.201705326. – SCO ; CCC ; WOS CC.

In: *Chemistry - A European Journal* [textový dokument (print)] [elektronický dokument] . – Weinheim (Nemecko) : John Wiley & Sons. Wiley-VCH. – ISSN 0947-6539. – ISSN (online) 1521-3765. – Roč. 24, č. 1 (2018), s. 105-108 [tlačená forma] [online]

Počet všetkých autorov: 6

[článok]

Lit.: 15

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 5,160 - 2018

SNIP: 0,98 - 2018

SJR: 1,842 - 2018

CiteScore: 8,7 - 2018

Kvartil Q:

2018, JIF - Chemistry, multidisciplinary - Q1; **2018, Scimago** - Catalysis - Q1; **2018, Scimago** - Chemistry (miscellaneous) - Q1; **2018, Scimago** - Organic chemistry - Q1

Ohlasy (80):

2025 [01/20] / NLD - Tanaka, Kenta - Takamura, Hiroyoshi - Kadota, Isao. **Recent progress on phenothiazine organophotoredox catalysis** [elektronický dokument]. DOI 10.1016/j.tetlet.2025.155745

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Počet všetkých autorov: 3

[článok]

Lit.: 89

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 2.882 - 2017

SNIP: 0,657 - 2017

SJR: 1,037 - 2017

CiteScore: 5,2 - 2017

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Počet všetkých autorov: 3

[článok]

Lit.: 47

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

IF: 7,411 - 2017

SNIP: 1,257 - 2017

SJR: 2,538 - 2017

CiteScore: 11,5 - 2017

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[článok]

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Indikátor časopisu:

SNIP: 4,243 - 2016

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Ohlasy (104):

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Počet všetkých autorov: 3

[článok]

Lit.: 46

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Indikátor časopisu:

SNIP: 1,205 - 2015

SJR: 2,461 - 2015

CiteScore: 9,5 - 2015

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SJR: 5,888 - 2015

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Ohlasy (58):

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ADC_016 / Májek, Michal (Autor) [UKOPRCOR] (90%) - Jacobi von Wangelin, Axel (Autor) (10%): Organocatalytic visible light mediated synthesis of arylsulfides. – [recenzované]. – DOI 10.1039/c3cc41867g. – CCC ; WOS CC.

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. 49, č. 18 (2013), s. 5507-5509 [tlačená forma] [online]

Počet všetkých autorov: 2

[článok]

Lit.: 66

[OV 120 Chémia, chemická technológia a biotechnológia]

Indikátor časopisu:

SNIP: 1,37 - 2013

SJR: 2,752 - 2013

Ohlasy (17):

2022 [01/20] / USA - Hung, W.-C. - Jhang, C.-H. - Weng, S.-L. - Chou, C.-C. - Chen, C.-H. - Lin, J.-L. - Fang, J.-M. **Revisiting Disulfide-Yne and Disulfide-Diazonium Reactions for Potential Direct Modification of Disulfide Bonds in Proteins** [elektronický dokument] In: Journal of Organic Chemistry. Washington, D.C.: American Chemical Society. ACS Publications, 2022, Roč. 87, č. 15, [tlačená forma] [online]. ISSN 0022-3263. ISSN (online) 1520-6904. - SCO, s. 9875 - 9886

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2021 [01/20] / CHN - Sun, M. - Xu, K. - Guo, B. - Zeng, C. **Copper-Catalyzed Vicinal C(sp²)-H Selenylation of Benzoic Acid Derivatives Using Air as Oxidant** In: Chinese Journal of Organic Chemistry. Šangaj: Shanghai Institute of Organic Chemistry, 2021, Roč. 41, č. 6, [tlačená forma]. ISSN 0253-2786. - SCO, s. 2302 - 2309

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2020 [01/12] / USA - Lu, K. - Li, Q. - Xi, X. - Zhou, T. - Zhao, X. **In:** Journal of Organic Chemistry. Washington, D.C.: American Chemical Society. ACS Publications, 2020, Roč. 85, č. 2, [tlačená forma] [online]. ISSN 0022-3263. ISSN (online) 1520-6904. - SCIE ; SCO ; WOS CC, s. 1224 - 1231

2020 [01/12] / DEU - Cavedon, C. - Seeberger, P.H. - Pieber, B. **In:** European Journal of Organic Chemistry. Weinheim: John Wiley & Sons. Wiley-VCH, 2020, Roč. 2020, č. 10, [tlačená forma] [online]. ISSN 1434-193X. ISSN (online) 1099-0690. - SCO, s. 1379 - 1392

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ADC_017 / Májek, Michal (Autor) (75%) - von Wangelin, Axel Jacobi (Autor) (25%):
Ambient-Light-Mediated Copper-Catalyzed C-C and C-N Bond Formation. – [recenzované]. – DOI 10.1002/anie.201301843. – CCC ; WOS CC ; SCO.
In: *Angewandte Chemie* [textový dokument (print)] [elektronický dokument] : International Edition. – Weinheim (Nemecko) : John Wiley & Sons. Wiley-VCH. – ISSN 1433-7851. – ISSN (online) 1521-3773. – Roč. 52, č. 23 (2013), s. 5919-5921 [tlačená forma] [online]
Počet všetkých autorov: 2
[článok]
Lit.: 25
[OV 120 Chémia, chemická technológia a biotechnológia]
Indikátor časopisu:
SNIP: 2,2 - 2013
SJR: 5,702 - 2013
CiteScore: 17 - 2013

Ohlasy (24):

2024 [01/20] / GBR - Zhang, Yu - Li, Qiannan - Wang, Ping - Wang, Jinxin - Lin, Jingchuan - Xia, Dingding - Hao, Er Jun - Luan, Xin - Das, Shoubhik - Zhang, Wei Dong. **A visible-light-promoted metal-free approach for N-H insertions by using donor/donor diazo precursors** [elektronický dokument]. DOI 10.1039/d3gc04431a **In:** Green Chemistry: an international journal and green chemistry resource: cutting-edge research for a greener sustainable future. Cambridge: The Royal Society of Chemistry, 2024, Roč. 26, č. 8, s. 4600-4608 [tlačená forma] [online]. ISSN 1463-9262. ISSN (online) 1463-9270. - SCO ; WOS CC, s. 4600 - 4608

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2023 [01/20] / NLD - Dorn, Matthias - East, Nathan Roy - Förster, Christoph - Kitzmann, Winald Robert - Moll, Johannes - Reichenauer, Florian - Reuter, Thomas - Stein, Laura - Heinze, Katja. **8.18 - d-d and charge transfer photochemistry of 3d metal complexes**. DOI 10.1016/B978-0-12-823144-9.00063-7 In: *Comprehensive Inorganic Chemistry III*, Third Edition. Amsterdam: Elsevier. Elsevier Science, 2023, s. 707-788. ISBN 9780128231531. - SCO, s. 707 - 788

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2020 [01/12] / USA - Song, Z.-Q. - Liu, Z. - Gan, Q.-C. - Lei, T. - Tung, C.-H. - Wu, L.-Z. In: *Organic Letters*. Washington, D.C.: American Chemical Society. ACS Publications, 2020, Roč. 22, č. 3, [tlačená forma] [online]. ISSN 1523-7060. ISSN (online) 1523-7052. - SCIE ; SCO ; WOS CC, s. 832 - 836

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2020 [01/12] / USA - Cheng, W.-M. - Shang, R. In: *ACS Catalysis*. Washington: American Chemical Society, 2020, Roč. 10, č. 16, [online]. ISSN (online) 2155-5435. - SCIE ; SCO ; WOS CC, s. 9170 - 9196

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AFH Abstrakty príspevkov z domácich vedeckých konferencií

Počet výstupov: 2

AFH_001 / Májek, Michal (Autor) [UKOPRCOR] (75%) - Trtúšek, Matej (Autor) (25%): **Rational design of tetrazines for bioorthogonal chemistry.** – text, ilustr.- [recenzované]

In: *ChemZi* [textový dokument (print)] [elektronický dokument] : slovenský časopis o chémii pre chemické vzdelávanie, výskum a priemysel. – Bratislava (Slovensko) : Slovenská chemická spoločnosť. – ISSN 1336-7242. – Roč. 17, č. 1 (2021) : príloha 73. Zjazd chemikov : zborník abstraktov Roč. 17, č. 1 (2021), art. no. 4P09, s. 116-117 [tlačená forma] [online]

Zjazd chemikov, 73 [Horný Smokovec, Slovensko, 06.09.2021-10.09.2021]

Počet všetkých autorov: 2

[abstrakt z podujatia - ČL]

Lit.: 3

[OV 120 Chémia, chemická technológia a biotechnológia]

AFH_002 / Májek, Michal (Autor) (35%) - Majeková, Magdaléna (Autor) (35%) - Májek, Pavel (Autor) [041180] (30%) - Masár, Marián (Recenzent) - Katrik, Jaroslav (Recenzent) : **In silico study of antioxidant action of 3-mercapto-5H-1,2,4-triazino[5,6-b]indole-5-acetic acid.**

In: *Trendy a pokroky v analytickej chémii, Kočovce, 3.-4.6.2015* : zborník abstraktov / Májek, Pavel [Zostavovateľ, editor] ; Švorc, Ľubomír [Zostavovateľ, editor]. – 1. vyd. – Bratislava (Slovensko) : Slovenská technická univerzita v Bratislave. Rektorát STU. Nakladateľstvo STU, 2015. – ISBN 978-80-227-4369-3, s. 45-46

Trendy a pokroky v analytickej chémii [Kočovce, Slovensko, 03.06.2015-04.06.2015]

Počet všetkých autorov: 3

[abstrakt z podujatia - KP]

[OV 120 Chémia, chemická technológia a biotechnológia]

ŠTATISTIKA ZÁZNAMOV: 42

Podľa kategórie EPC od roku 2022

Počet všetkých záznamov: 23

V2 - Vedecký výstup publikačnej činnosti ako časť editovanej knihy alebo zborníka: 13

V3 - Vedecký výstup publikačnej činnosti z časopisu: 7

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

P1 - Pedagogický výstup publikačnej činnosti ako celok: 1

Podľa kategórie EPC do roku 2021

Počet všetkých záznamov: 19

ADC - Vedecké práce v zahraničných karentovaných časopisoch: 17

AFH - Abstrakty príspevkov z domácich vedeckých konferencií: 2

Podľa typu dokumentu

článok: 23

príspevok: 1

príspevok z podujatia: 9

abstrakt z podujatia - KP: 4

poster z podujatia - KP: 1

kapitola: 1

abstrakt z podujatia - ČL: 2

učebnica pre vysoké školy: 1

Podľa krajiny vydania

Počet domácich vydaní: 15

Počet zahraničných vydaní: 27

Podľa oblasti výskumu

120 Chémia, chemická technológia a biotechnológie: 42

Podľa študijného odboru

1420 chémia: 23

Podľa podujatia

Počet všetkých konferenčných publikácií a príspevkov: 16

Z toho na domácich podujatiach: 13

Z toho na zahraničných podujatiach: 3

Podľa projektov

Počet publikácií s naviazaným projektom: 24

Podľa databáz a citačných indexov (obsahuje čakateľov)

CCC Current Content Connect: 22

OA Open access: 2

SCO SCOPUS: 21

WOS CC Web of Science Core Collection: 23

SCIE Science Citation Index Expanded: 3

Podľa metrík

AIS: 7
CiteScore: 20
IF: 12
Nordic List: 1
SJR: 20
SNIP: 20

Podľa kvartilov

Počet záznamov s kvartilom AIS: 7
Z toho Q1: 4
Z toho Q2: 3
Počet záznamov s kvartilom JCI: 3
Z toho Q1: 1
Z toho Q2: 1
Z toho Q3: 1
Počet záznamov s kvartilom JCR: 10
Z toho Q1: 6
Z toho Q2: 4
Počet záznamov s kvartilom Scimago: 10
Z toho Q1: 9
Z toho Q2: 3

ŠTATISTIKA OHLASOV: 691

Počet publikácií s ohlasom: 22

Podľa kategórie ohlasov

Počet ohlasov kategorizovaných podľa vyhlášky č. 456/2012: 131

Z toho bez autocitácií: 131

01 Citácie v zahraničných publikáciách registrované v citačných indexoch WOS CC a SCOPUS: 131

Z toho bez autocitácií: 131

Počet ohlasov kategorizovaných podľa vyhlášky č. 397/2020: 560

Z toho bez autocitácií: 560

01 Citácia v publikácii registrovaná v citačných indexoch: 560

Z toho bez autocitácií: 560

Počet indexovaných ohlasov

CCC Current Content Connect: 235
SCO SCOPUS: 637
WOS CC Web of Science Core Collection: 392
SCIE Science Citation Index Expanded: 110
Ostatné: Ostatné: 1
Počet zahraničných vydaní: 710
Počet bez krajiny vydania: 23

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