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MOKSLO IR KITŲ DARBŲ SĄRAŠAS

Gamtos, technologijos, medicinos ir sveikatos bei žemės ūkio mokslai (NTMA)

STRAIPSNIAI RECENZUOJAMUOSE MOKSLO LEIDINIUOSE

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Tarptautinėse (užsienio) leidyklose

- [S1; GB] Kim, YeonJu; Yang, Bowen; Suo, Jiajia; **Jatautiene, Egle; Simokaitiene, Jurate; Durgaryan, Ranush; Volyniuk, Dmytro**; Hagfeldt, Anders; Sini, Gjergji; **Grazulevicius, Juozas V.** Additives-free indolo[3,2-b]carbazole-based hole-transporting materials for perovskite solar cells with three yeses: Stability, efficiency, simplicity // Nano energy. Amsterdam : Elsevier. ISSN 2211-2855. eISSN 2211-3282. 2022, vol. 101, art. no. 107618, p. 1-12. DOI: 10.1016/j.nanoen.2022.107618. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 17,600; AIF: 6,975; IF/AIF: 2,523; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,500]
- [S1; NL] **Adouni, Kawla; Bendif, Hamdi**; Zouaoui, Olfa; **Kraujalis, Paulius**; Flamini, Guido; **Venskutonis, Petras Rimantas**; Achour, Lotfi. Antioxidant activity of extracts obtained by high-pressure extraction procedures from Asparagus stipularis Forssk // South African journal of botany. Amsterdam : Elsevier. ISSN 0254-6299. eISSN 1727-9321. 2022, vol. 146, p. 789-793. DOI: 10.1016/j.sajb.2021.12.027. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,100; AIF: 4,300; IF/AIF: 0,720; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,429]
- [S1; CH; OA] **Vaitkevičienė, Ruta**; Burbulis, Natalija; Masiene, Ramune; **Zvirdauskiene, Renata**; Jakstas, Valdas; **Damasius, Jonas; Zadeike, Daiva**. Fermentation as a promising tool to valorize rice-milling waste into bio-products active against root-rot-associated pathogens for improved horticultural plant growth // Fermentation. Basel : MDPI. ISSN 2311-5637. 2022, vol. 8, iss. 12, art. no. 716, p. 1-15. DOI: 10.3390/fermentation8120716. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,700; AIF: 5,500; IF/AIF: 0,672; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005, A 001, N 010] [Indėlis: 0,574]
- [S1; NL] Čiužas, Darius; **Krugly, Edvinas**; Petrikaitė, Vilma. Fibrous 3D printed poly(ε)caprolactone tissue engineering scaffold for in vitro cell models // Biochemical engineering journal. Amsterdam : Elsevier. ISSN 1369-703X. eISSN 1873-295X. 2022, vol. 185, art. no. 108531, p. 1-39. DOI: 10.1016/j.bej.2022.108531. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,900; AIF: 6,150; IF/AIF: 0,634; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 004, N 004] [Indėlis: 0,167]
- [S1; NL] **Baranauskienė, Renata; Venskutonis, Petras Rimantas**; Ragažinskienė, Ona. Valorisation of Roman chamomile (*Chamaemelum nobile* L.) herb by comprehensive evaluation of hydrodistilled aroma and residual non-volatile fractions // Food research international. Amsterdam : Elsevier. ISSN 0963-9969. eISSN 1873-7145. 2022, vol. 160, art. no. 111715, p. 1-13. DOI: 10.1016/j.foodres.2022.111715. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,100; AIF: 5,300; IF/AIF: 1,528; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, N 004] [Indėlis: 0,667]
- [S1; GB; OA] Klipfel, Nadja; Xia, Jianxing; Čulík, Pavel; Orlandi, Simonetta; Cavazzini, Marco; Shibayama, Naoyuki; Kanda, Hiroyuki; Igci, Cansu; Li, Wei; Cheng, Yi-Bing; **Jankauskas, Vyngintas; Genevicius, Kristijonas**; Asiri, Abdullah M.; Momblona, Cristina; **Rakstys, Kasparas**; Pozzi, Gianluca; Nazeeruddin, Mohammad Khaja. Zn(II) and Cu(II) tetrakis(diarylamine)phthalocyanines as hole-transporting materials for perovskite solar cells // Materials today energy. Oxford : Elsevier. ISSN 2468-6069. 2022, vol. 29, art. no. 101110, p. 1-11. DOI: 10.1016/j.mtener.2022.101110. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 9,300; AIF: 7,033; IF/AIF: 1,322; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,174]
- [S1; CH; OA] **Valanciene, Egle; Malys, Naglis**. Advances in production of hydroxycinnamoyl-quinic acids: from natural sources to biotechnology // Antioxidants. Basel : MDPI. ISSN 2076-3921. 2022, vol. 11, iss. 12, art. no. 2427, p. 1-21. DOI: 10.3390/antiox11122427. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 7,000; AIF: 5,233; IF/AIF: 1,337; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
- [S1; CH; OA] **Sereikaite, Vilde; Navaruckiene, Aukse; Jaras, Justinas**; Skliutas, Edvinas; Ladika, Dimitra;

- Gray, David; Malinauskas, Mangirdas; Talacka, Vaidas; **Ostrauskaite, Jolita**. Functionalized soybean oil- and vanillin-based dual cure photopolymerizable system for light-based 3D structuring // *Polymers*. Basel : MDPI. ISSN 2073-4360. 2022, vol. 14, iss. 24, art. no. 5361, p. 1-14. DOI: 10.3390/polym14245361. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,000; AIF: 5,200; IF/AIF: 0,961; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, N 002] [Indėlis: 0,445]
9. [S1; CH; OA] **Dzedulionytė, Karolina; Veikšaitė, Melita; Morávek, Vít; Malinauskienė, Vida; Račkauskienė, Greta; Šačkus, Algirdas; Žukauskaitė, Asta; Arbačiauskienė, Eglė**. Convenient synthesis of N-heterocycle-fused tetrahydro-1,4-diazepinones // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2022, vol. 27, iss. 24, art. no. 8666, p. 1-28. DOI: 10.3390/molecules27248666. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 6,400; IF/AIF: 0,718; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,813]
 10. [S1; CH; OA] **Mikolaitienė, Austėja; Šlinkšienė, Rasa**. Effect of various binders on the properties of microalgae-enriched urea granules // *Plants*. Basel : MDPI. ISSN 2223-7747. 2022, vol. 11, iss. 23, art. no. 3362, p. 1-18. DOI: 10.3390/plants11233362. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,500; AIF: 4,300; IF/AIF: 1,046; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 11. [S1; CH; OA] **Bezvikonnyi, Oleksandr; Bernard, Ronit Sebastine; Andruleviciene, Viktorija; Volyniuk, Dmytro; Keruckienė, Rasa; Vaiciulaityte, Kamile; Labanauskas, Linas; Grazulevicius, Juozas Vidas**. Derivatives of imidazole and carbazole as bifunctional materials for organic light-emitting diodes // *Materials*. Basel : MDPI. ISSN 1996-1944. 2022, vol. 15, iss. 23, art. no. 8495, p. 1-16. DOI: 10.3390/ma15238495. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,400; AIF: 6,020; IF/AIF: 0,564; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 0,813]
 12. [S1; CH; OA] **Zadeike, Daiva; Gaizauskaite, Zydrune; Svazas, Mantas; Gruzauskas, Romas; Gruzauskas, Valentas; Damasius, Jonas; Juodeikiene, Grazina**. Application of solidstate fermentation for the improving of extruded corn drymilling byproducts and their protein functional properties // *Life*. Basel : MDPI. ISSN 2075-1729. 2022, vol. 12, iss. 11, art. no. 1909, p. 1-18. DOI: 10.3390/life12111909. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,200; AIF: 4,500; IF/AIF: 0,711; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,716]
 13. [S1; CH] **Svirskaitė, Lauryna Monika; Mandati, Sreekanth; Spalatu, Nicolae; Malinauskiene, Vida; Karazhanov, Smagul; Getautis, Vytautas; Malinauskas, Tadas**. Asymmetric NDI electron transporting SAM materials for application in photovoltaic devices // *Synthetic metals*. Lausanne : Elsevier. ISSN 0379-6779. 2022, vol. 291, art. no. 117214, p. 97-128. DOI: 10.1016/j.synthmet.2022.117214. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,400; AIF: 6,033; IF/AIF: 0,729; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,574]
 14. [S1; GB] **Valančius, Z.; Vaickelionienė, R.; Vaickelionis, G.; Makčinskas, P.** Use of an industrial by-product phosphogypsum in the production of white textured paints // *Journal of cleaner production*. Oxford : Elsevier. ISSN 0959-6526. eISSN 1879-1786. 2022, vol. 380, pt. 1, art. no. 134888, p. 1-8. DOI: 10.1016/j.jclepro.2022.134888. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 11,100; AIF: 7,933; IF/AIF: 1,399; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 15. [S1; CH; OA] **Ivanauskas, Remigijus; Ancutienė, Ingrida; Milašienė, Daiva; Ivanauskas, Algimantas; Bronušienė, Asta**. Effect of reducing agent on characteristics and antibacterial activity of copper-containing particles in textile materials // *Materials*. Basel : MDPI. ISSN 1996-1944. 2022, vol. 15, iss. 21, art. no. 7623, p. 1-16. DOI: 10.3390/ma15217623. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,400; AIF: 6,020; IF/AIF: 0,564; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003, T 008] [Indėlis: 0,800]
 16. [S1; GB] **Bucinskas, A.; Bezvikonnyi, O.; Durgaryan, R.; Volyniuk, D.; Tomkeviciene, A.; Grazulevicius, J.V.** New m-MTDATA skeleton-based hole transporting materials for multi-resonant TADF OLEDs // *Physical chemistry chemical physics*. Cambridge : Royal society of chemistry. ISSN 1463-9076. eISSN 1463-9084. 2022, vol. 24, iss. 45, p. 27847-27855. DOI: 10.1039/d2cp03811k. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,300; AIF: 5,600; IF/AIF: 0,589; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 17. [S1; GB] **Keruckiene, R.; Guzauskas, M.; Volyniuk, D.; Matulis, V.E.; Lyakhov, D.A.; Grazulevicius, J.V.** Theoretical and experimental insights into the properties of donor–σ–acceptor type derivatives of quinoxaline and methanone containing different donor moieties // *New journal of chemistry*. Cambridge : Royal society of chemistry. ISSN 1144-0546. eISSN 1369-9261. 2022, vol. 46, iss. 43, p. 20768-20776. DOI: 10.1039/D2NJ04233A. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 6,900; IF/AIF: 0,478; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,668]
 18. [S1; CH; OA] **Ivanauskas, Remigijus; Bronusiene, Asta; Ivanauskas, Algimantas; Šarkinas, Antanas; Ancutiene, Ingrida**. Antibacterial activity of copper particles embedded in knitted fabrics // *Materials*. Basel : MDPI. ISSN 1996-1944. 2022, vol. 15, iss. 20, art. no. 7147, p. 1-11. DOI: 10.3390/ma15207147. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,400; AIF: 6,020; IF/AIF: 0,564; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003, T 005] [Indėlis: 0,800]

19. [S1; GB] Danyliv, Yan; Ivaniuk, Khrystyna; Danyliv, Iryna; **Bezvikonnyi, Oleksandr; Volyniuk, Dmytro;** Galyna, Sych; Lazauskas, Algirdas; **Skhirtladze, Levani;** Ågren, Hans; Stakhira, Pavlo; Karaush-Karmazin, Nataliya; Ali, Amjad; Baryshnikov, Glib; **Grazulevicius, Juozas V.** Carbazole- σ -sulfobenzimide derivative exhibiting mechanochromic thermally activated delayed fluorescence as emitter for flexible OLEDs: theoretical and experimental insights // *Dyes and pigments*. Oxford : Elsevier. ISSN 0143-7208. eISSN 1873-3743. 2022, vol. 208, art. no. 110841, p. 1-11. DOI: 10.1016/j.dyepig.2022.110841. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 4,500; AIF: 5,433; IF/AIF: 0,828; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,284]
20. [S1; NL] Vyšniauskas, Aurimas; Keegan, Simon; **Rakstys, Kasparas;** Seewald, Tobias; **Getautis, Vytautas;** Schmidt-Mende, Lukas; Fakharuddin, Azhar. Elucidating the role of two-dimensional cations in green perovskite light emitting diodes // *Organic electronics*. Amsterdam : Elsevier. ISSN 1566-1199. eISSN 1878-5530. 2022, vol. 111, art. no. 106655, p. 1-9. DOI: 10.1016/j.orgel.2022.106655. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,200; AIF: 5,750; IF/AIF: 0,556; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 002, N 003] [Indėlis: 0,284]
21. [S1; DE] Xia, Jianxing; Zhang, Yi; Cavazzini, Marco; Orlandi, Simonetta; Ding, Bin; Kanda, Hiroyuki; Klipfel, Nadja; Gao, Xiao-Xin; Ain, Qurat Ul; Jankauskas, Vygtas; **Rakstys, Kasparas;** Hu, Ruiyuan; Qiu, Zeliang; Asiri, Abdullah M.; Hobeom, Kim; Pozzi, Gianluca; Dyson, Paul J; Nazeeruddin, Mohammad Khaja. Asymmetrically substituted 10H,10'H-9,9'-spirobi[acridine] derivatives as hole-transporting materials for perovskite solar cells // *Angewandte chemie (international edition)*. Weinheim : Wiley-VCH. ISSN 1433-7851. eISSN 1521-3773. 2022, vol. 61, iss. 48, art. no. e202212891, p. 1-8. DOI: 10.1002/anie.202212891. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 16,600; AIF: 6,900; IF/AIF: 2,405; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,055]
22. [S1; CH; OA] Cruz, Rui M S; Krauter, Victoria; Krauter, Simon; Agriopoulou, Sofia; Weinrich, Ramona; Herbes, Carsten; Scholten, Philip B V; Uysal-Unalan, Ilke; Sogut, Ece; Kopacic, Samir; Lahti, Johanna; **Rutkaite, Ramune;** Varzakas, Theodoros. Bioplastics for food packaging: environmental impact, trends and regulatory aspects // *Foods*. Basel : MDPI. ISSN 2304-8158. 2022, vol. 11, iss. 19, art. no. 3087, p. 1-39. DOI: 10.3390/foods11193087. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,200; AIF: 5,300; IF/AIF: 0,981; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,076]
23. [S1; DE] Lin, Yuanbao; Zhang, Yadong; Zhang, Junxiang; **Marcinkas, Mantas; Malinauskas, Tadas; Magomedov, Artiom;** Nugraha, Mohamad Insan; Kaltsas, Dimitris; Naphade, Dipti R.; Harrison, George T.; El-Labban, Abdulrahman; Barlow, Stephen; De Wolf, Stefaan; Wang, Ergang; McCulloch, Iain; Tsetseris, Leonidas; **Getautis, Vytautas;** Marder, Seth R.; Anthopoulos, Thomas D. 18.9% efficient organic solar cells based on n-doped bulk-heterojunction and halogen-substituted self-assembled monolayers as hole extracting interlayers // *Advanced energy materials*. Weinheim : Wiley-VCH. ISSN 1614-6832. eISSN 1614-6840. 2022, vol. 12, iss. 45, art. no. 2202503, p. 1-9. DOI: 10.1002/aenm.202202503. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 27,800; AIF: 6,620; IF/AIF: 4,199; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,208]
24. [S1; NL] **Eisinas, A.; Dambrauskas, T.; Eisinaite, V.; Sipailiene, A.** Synthesis of antibacterially active wollastonite by using dense calcium silicate hydrate samples // *Journal of thermal analysis and calorimetry*. Dordrecht : Springer. ISSN 1388-6150. eISSN 1588-2926. 2022, vol. 147, iss. 24, p. 14163-14174. DOI: 10.1007/s10973-022-11632-w. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,400; AIF: 5,700; IF/AIF: 0,771; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
25. [S1; CH; OA] Goździuk, Magdalena; Kavetsky, Taras; Roquero, Daniel Massana; Smutok, Oleh; Gonchar, Mykhailo; Královí, David P.; Švajdenková, Helena; Šauša, Ondrej; Kalinay, Pavol; Nosrati, Hamed; **Lebedevaite, Migle; Grauzeliene, Sigita; Ostrauskaite, Jolita;** Kiv, Arnold; Zgardzińska, Bożena. UV-cured green polymers for biosensors: correlation of operational parameters of highly sensitive biosensors with nano-volumes and adsorption properties // *Materials*. Basel : MDPI. ISSN 1996-1944. 2022, vol. 15, iss. 19, art. no. 6607, p. 1-23. DOI: 10.3390/ma15196607. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,400; AIF: 6,020; IF/AIF: 0,564; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,198]
26. [S1; CH] **Skuodis, Eigirdas; Leitonas, Karolis;** Panchenko, Alexander; **Volyniuk, Lesia; Simokaitienė, Jūratė; Keruckienė, Rasa; Volyniuk, Dmytro;** Minaev, Boris F.; **Gražulevičius, Juozas V.** Very sensitive probes for quantitative and organoleptic detection of oxygen based on conformer-induced room-temperature phosphorescence enhancement of the derivative of triazatruxene and phenothiazine // *Sensors and actuators B: Chemical*. Lausanne : Elsevier. ISSN 0925-4005. eISSN 1873-3077. 2022, vol. 373, art. no. 132727, p. 1-13. DOI: 10.1016/j.snb.2022.132727. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 8,400; AIF: 5,066; IF/AIF: 1,658; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,778]
27. [S1; NL] **Adomėnienė, Aušra; Venskutonis, Petras Rimantas.** Enzyme inhibitory activity of *Dioscorea nipponica* Makito hydroethanolic extracts of leaves and tubers in relation to their major secondary metabolites // *Food bioscience*. Amsterdam : Elsevier. ISSN 2212-4292. eISSN 2212-4306. 2022, vol. 50, pt. A, art. no. 102059, p. 1-13. DOI: 10.1016/j.fbio.2022.102059. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 5,200; AIF: 5,300; IF/AIF: 0,981; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003]

[Indėlis: 1,000]

28. [S1; US] Khan, Faizal; **Mahmoudi, Malek; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas**; Misra, Rajneesh. Stimuli-responsive phenothiazine-S,S-dioxide-based nondoped OLEDs with color-changeable electroluminescence // Journal of physical chemistry C. Washington, DC : American Chemical Society. ISSN 1932-7447. eISSN 1932-7455. 2022, vol. 126, iss. 37, p. 15573-15586. DOI: 10.1021/acs.jpcc.2c04123. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,700; AIF: 7,533; IF/AIF: 0,491; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,600]
29. [S1; DE] **Vaitukaityte, Deimante**; Truong, Minh Anh; **Rakstys, Kasparas**; Murdey, Richard; Funasaki, Tsukasa; Yamada, Takumi; Kanemitsu, Yoshihiko; Jankauskas, Vygintas; **Getautis, Vytautas**; Wakamiya, Atsushi. Molecular engineering of enamine-based hole-transporting materials for high-performing perovskite solar cells: influence of the central heteroatom // Solar RRL. Weinheim : Wiley. ISSN 2367-198X. 2022, vol. 6, iss. 11, art. no. 2200590, p. 1-8. DOI: 10.1002/solr.202200590. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 7,900; AIF: 6,800; IF/AIF: 1,161; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003, T 008] [Indėlis: 0,300]
30. [S1; CH; OA] **Vaitkeviciene, Ruta; Bendoraitiene, Joana; Degutyte, Rimgaile; Svazas, Mantas; Zadeike, Daiva**. Optimization of the sustainable production of resistant starch in rice bran and evaluation of its physicochemical and technological properties // Polymers. Basel : MDPI. ISSN 2073-4360. 2022, vol. 14, iss. 17, art. no. 3662, p. 1-16. DOI: 10.3390/polym14173662. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,000; AIF: 5,200; IF/AIF: 0,961; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
31. [S1; CH; OA] **Baltuonytė, Gintarė; Eisinaitė, Viktorija; Kazernavičiūtė, Rita; Vinauskienė, Rimantė; Jasutienė, Ina; Leskauskaitė, Daiva**. Novel formulation of bigel-based vegetable oil spreads enriched with lingonberry pomace // Foods. Basel : MDPI. ISSN 2304-8158. 2022, vol. 11, iss. 15, art. no. 2213, p. 1-13. DOI: 10.3390/foods11152213. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 5,200; AIF: 5,300; IF/AIF: 0,981; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
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33. [S1; CH; OA] **Kederienė, Vilija**; Rousseau, Jolanta; Schuler, Marie; **Šačkus, Algirdas**; Tatibouët, Arnaud. Copper-catalyzed S-arylation of furanose-fused oxazolidine-2-thiones // Molecules. Basel : MDPI. ISSN 1420-3049. 2022, vol. 27, iss. 17, art. no. 5597, p. 1-17. DOI: 10.3390/molecules27175597. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 4,600; AIF: 6,400; IF/AIF: 0,718; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,400]
34. [S1; CH; OA] Badaras, Sarunas; Ruzauskas, Modestas; **Gruzauskas, Romas**; Zokaityte, Egle; Starkute, Vytaute; Klupsaite, Dovile; Mockus, Ernestas; Klementaviciute, Jolita; Vadopalas, Laurynas; Zokaityte, Gintare; Dauksiene, Agila; Bartkevics, Vadims; Bartkiene, Elena. Different creep compound feed formulations for new born piglets: influence on growth performance and health parameters // Frontiers in veterinary science. Lausanne : Frontiers media SA. ISSN 2297-1769. 2022, vol. 9, art. no. 971783, p. 1-6. DOI: 10.3389/fvets.2022.971783. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,200; AIF: 2,200; IF/AIF: 1,454; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, A 003] [Indėlis: 0,076]
35. [S1; NL] **Tamkutė, Laura**; Jančiukė, Gintarė; **Pukalskienė, Milda**; Sarapinienė, Ieva; Skeberdis, Vytenis Arvydas; **Venskutonis, Petras Rimantas**. Cranberry and black chokeberry extracts isolated with pressurized ethanol from defatted by supercritical CO₂ pomace inhibit colorectal carcinoma cells and increase global antioxidant response of meat products during in vitro digestion // Food research international. Amsterdam : Elsevier. ISSN 0963-9969. eISSN 1873-7145. 2022, vol. 161, art. no. 111803, p. 1-13. DOI: 10.1016/j.foodres.2022.111803. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,100; AIF: 5,300; IF/AIF: 1,528; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, N 010, N 004] [Indėlis: 0,502]
36. [S1; US; OA] **Mahmoudi, Malek; Gudeika, Dalius**; Kutsiy, Stepan; **Simokaitiene, Jurate; Butkute, Rita; Skhirtladze, Levani**; Woon, Kai Lin; **Volyniuk, Dmytro; Grazulevicius, Juozas Vidas**. Ornamenting of blue thermally activated delayed fluorescence emitters by anchor groups for the minimization of solid-state solvation and conformation disorder corollaries in non-doped and doped organic light-emitting diodes // ACS Applied materials and interfaces. Washington, DC : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2022, vol. 14, iss. 35, p. 40158-40172. DOI: 10.1021/acsami.2c12475. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 9,500; AIF: 7,550; IF/AIF: 1,258; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,778]
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SCIE)] [M.kr.: T 005] [Indėlis: 1,000]

38. [S1; CH; OA] Malinauskas, Mantas; Jankauskaite, Lina; Aukstikalne, Lauryna; **Dabasinskaite, Lauryna**; Rimkunas, Augustinas; Mickevicius, Tomas; Pockevicius, Alius; **Krugly, Edvinas**; **Martuzevicius, Dainius**; **Ciuzas, Darius**; **Baniukaitiene, Odeta**; Usas, Arvydas. Cartilage regeneration using improved surface electrospun bilayer polycaprolactone scaffolds loaded with transforming growth factor-beta 3 and rabbit muscle-derived stem cells // *Frontiers in bioengineering and biotechnology*. Lausanne : Frontiers Media SA. ISSN 2296-4185. 2022, vol. 10, art. no. 971294, p. 1-13. DOI: 10.3389/fbioe.2022.971294. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,700; AIF: 7,200; IF/AIF: 0,791; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 010, T 004, T 005] [Indėlis: 0,415]
39. [S1; CH; OA] **Šermukšnytė, Aida**; **Kantminienė, Kristina**; **Jonuškienė, Ilona**; **Tumosienė, Ingrida**; Petrikaitė, Vilma. The effect of 1,2,4-triazole-3-thiol derivatives bearing hydrazone moiety on cancer cell migration and growth of melanoma, breast, and pancreatic cancer spheroids // *Pharmaceuticals*. Basel : MDPI. ISSN 1424-8247. 2022, vol. 15, iss. 8, art. no. 1026, p. 1-20. DOI: 10.3390/ph15081026. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 4,500; IF/AIF: 1,022; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005, N 003, M 001] [Indėlis: 0,800]
40. [S1; CH; OA] Badaras, Sarunas; Klupsaite, Dovile; Ruzauskas, Modestas; **Gruzauskas, Romas**; Zokaityte, Egle; Starkute, Vytaute; Mockus, Ernestas; Klementaviciute, Jolita; **Cernauskas, Darius**; Dauksiene, Agila; Vadopalas, Laurynas; Bartkiene, Elena. Influence of sugar beet pulp supplementation on pigs' health and production quality // *Animals*. Basel : MDPI. ISSN 2076-2615. 2022, vol. 12, iss. 16, art. no. 2041, p. 1-22. DOI: 10.3390/ani12162041. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,000; AIF: 2,400; IF/AIF: 1,250; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, A 003] [Indėlis: 0,166]
41. [S1; GB] Kulszewicz-Bajer, Irena; **Guzauskas, Matas**; Makowska-Janusik, Małgorzata; Zagórska, Małgorzata; **Mahmoudi, Malek**; **Grazulevicius, Juozas V.**; Proń, Adam; **Volyniuk, Dmytro**. Acridone and quinacridone derivatives with carbazole or phenoxazine substituents: synthesis, electrochemistry, photophysics and application as TADF electroluminophores // *Journal of materials chemistry C*. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2022, vol. 10, iss. 34, p. 12377-12391. DOI: 10.1039/d2tc02270b. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,400; AIF: 5,750; IF/AIF: 1,113; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,500]
42. [S1; CH; OA] **Kairyte, Karolina**; **Grybaitė, Birutė**; **Vaickelionienė, Rita**; **Sapijanskaitė-Banevič, Birutė**; **Kavaliauskas, Povilas**; **Mickevicius, Vytautas**. Synthesis and biological activity characterization of novel 5-oxopyrrolidine derivatives with promising anticancer and antimicrobial activity // *Pharmaceuticals*. Basel : MDPI. ISSN 1424-8247. 2022, vol. 15, iss. 8, art. no. 970, p. 1-17. DOI: 10.3390/ph15080970. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 4,500; IF/AIF: 1,022; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,868]
43. [S1; DE; OA] Kirch, Anton; Bärschneider, Toni; Achenbach, Tim; Fries, Felix; Gmelch, Max; Werberger, Robert; Guhrenz, Chris; **Tomkeviciene, Aušra**; Benduhn, Johannes; Eychmüller, Alexander; Leo, Karl; Reineke, Sebastian. Accurate wavelength tracking by exciton spin mixing // *Advanced materials*. Weinheim : Wiley-VCH. ISSN 0935-9648. eISSN 1521-4095. 2022, vol. 34, iss. 38, art. no. 2205015, p. 1-8. DOI: 10.1002/adma.202205015. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 29,400; AIF: 6,916; IF/AIF: 4,251; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,041]
44. [S1; US; OA] **Grauzeliene, Sigita**; **Kastanauskas, Marius**; Talacka, Vaidas; **Ostrauskaite, Jolita**. Photocurable glycerol-and vanillin-based resins for the synthesis of vitrimers // *ACS Applied polymer materials*. Washington, DC : American Chemical Society. ISSN 2637-6105. 2022, vol. 4, iss. 8, p. 6103-6110. DOI: 10.1021/acsapm.2c00914. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,000; AIF: 5,700; IF/AIF: 0,877; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,750]
45. [S1; CH; OA] **Jakubauskas, Gediminas**; Gilic, Martina; **Paluckiene, Edita**; Mitric, Jelena; Cirkovic, Jovana; Ralevic, Uros; **Usoviene, Egle**; **Griskonis, Egidijus**; **Petraskauskiene, Neringa**. Characterization of flexible copper selenide films on polyamide substrate obtained by SILAR method — towards application in electronic devices // *Chemosensors*. Basel : MDPI. ISSN 2227-9040. 2022, vol. 10, iss. 8, art. no. 313, p. 1-13. DOI: 10.3390/chemosensors10080313. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 4,200; AIF: 5,066; IF/AIF: 0,829; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,556]
46. [S1; CH] Tupciauskas, Ramunas; Meile, Kristine; Godina, Daniela; Rizhikovs, Janis; **Syrpas, Michail**; **Venskutonis, Petras Rimantas**. Qualitative differences and emission persistence of volatile organic compounds from bio-based particleboards // *Materials*. Basel : MDPI. ISSN 1996-1944. 2022, iss. 15, art. no. 5278, p. 1-13. DOI: 10.3390/ma15155278. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,400; AIF: 6,020; IF/AIF: 0,564; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,332]
47. [S1; CH; OA] **Sarapajevaite, Gabriele**; Morselli, Davide; **Baltakys, Kestutis**. Aqueous-based synthesis of photocatalytic copper sulfide using sulfur waste as sulfurizing agent // *Materials*. Basel : MDPI. ISSN 1996-1944. 2022, vol. 15, iss. 15, art. no. 5253, p. 1-15. DOI: 10.3390/ma15155253. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,400; AIF: 6,020; IF/AIF: 0,564; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,500]

48. [S1; NL] **Dambrauskas, T.; Davidoviciene, D.; Baltakys, K.; Eisinas, A.; Jaskunas, A.; Siler, P.; Rudelis, V.; Svedaite, E.** Effect of intercalated metal ions on the specific surface area and porosity of dibasic calcium silicate hydrate // *Surfaces and interfaces*. Amsterdam : Elsevier. ISSN 2468-0230. 2022, vol. 33, art. no. 102243, p. 1-11. DOI: 10.1016/j.surf.2022.102243. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,200; AIF: 6,125; IF/AIF: 1,012; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,750]
49. [S1; CH; OA] **Krylova, Valentina; Dukštienė, Nijolė; Markevičiūtė, Henrieta.** Ag-Se/nylon nanocomposites grown by template-engaged reaction: microstructures, composition, and optical properties // *Nanomaterials*. Basel : MDPI. ISSN 2079-4991. 2022, vol. 12, iss. 15, art. no. 2584, p. 1-16. DOI: 10.3390/nano12152584. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,300; AIF: 6,825; IF/AIF: 0,776; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
50. [S1; DE] **Ishchenko, Olena; Plavan, Viktoriia; Valeika, Virgilijus; Koliada, Maksym; Liashok, Iryna; Budash, Yuri; Bessarabov, Volodymyr.** Modified starch in composition with polyvinyl alcohol as a basis for development of the polymeric materials for pharmaceutical use // *Starch = Stärke*. Weinheim : Wiley-VCH. ISSN 0038-9056. eISSN 1521-379X. 2022, vol. 74, iss. 9-10, art. no. 2200062, p. 1-10. DOI: 10.1002/star.202200062. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,300; AIF: 5,300; IF/AIF: 0,433; Q3 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,600]
51. [S1; CH; OA] **Minickaitė, Rūta; Grybaitė, Birutė; Vaickelionienė, Rita; Kavaliauskas, Povilas; Petraitis, Vidmantas; Petraitienė, Rūta; Tumosienė, Ingrida; Jonuškienė, Ilona; Mickevičius, Vytautas.** Synthesis of novel aminothiazole derivatives as promising antiviral, antioxidant and antibacterial candidates // *International journal of molecular sciences*. Basel : MDPI. ISSN 1661-6596. eISSN 1422-0067. 2022, vol. 23, iss. 14, art. no. 7688, p. 1-19. DOI: 10.3390/ijms23147688. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,600; AIF: 6,400; IF/AIF: 0,875; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003, T 005, N 004] [Indėlis: 0,690]
52. [S1; US] **Sholokhova, Anastasiia; Denafas, Gintaras; Mykhaylenko, Valeriy.** Microplastics generation and concentration during mechanical-biological treatment of mixed municipal solid waste // *Environmental research*. San Diego, CA : Elsevier. ISSN 0013-9351. eISSN 1096-0953. 2022, vol. 214, pt. 1, art. no. 113815, p. 1-7. DOI: 10.1016/j.envres.2022.113815. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,300; AIF: 5,650; IF/AIF: 1,469; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 004] [Indėlis: 0,900]
53. [S1; GB] **Maggiore, Antonio; Tan, Xiaofeng; Brosseau, Arnaud; Danos, Andrew; Miomandre, Fabien; Monkman, Andrew P.; Audebert, Pierre; Clavier, Gilles.** Novel D-A chromophores with condensed 1,2,4-triazine system simultaneously display thermally activated delayed fluorescence and crystallization-induced phosphorescence // *Physical chemistry chemical physics*. Cambridge : Royal society of chemistry. ISSN 1463-9076. eISSN 1463-9084. 2022, vol. 24, iss. 29, p. 17770-17781. DOI: 10.1039/d2cp00777k. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,300; AIF: 5,600; IF/AIF: 0,589; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,125]
54. [S1; CH; OA] **Tavgeniene, Daiva; Beresneviciute, Raminta; Blazelevicius, Dovydas; Krucaite, Gintare; Jacunskaitė, Greta; Sudheendran Swayamprabha, Sujith; Jou, Jwo-Huei; Grigalevicius, Saulius.** 3-(N,N-diphenylamino)carbazole donor containing bipolar derivatives with very high glass transition temperatures as potential TADF emitters for OLEDs // *Coatings*. Basel : MDPI. ISSN 2079-6412. 2022, vol. 12, iss. 7, art. no. 932, p. 1-10. DOI: 10.3390/coatings12070932. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,400; AIF: 5,500; IF/AIF: 0,618; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,750]
55. [S1; NL] **Meile, Kristine; Syrpas, Michail; Basinskiene, Loreta; Zhurinsh, Aivars.** Discrimination of levoglucosan and its structural isomer in biomass pyrolysis products by iodometry, liquid chromatography, mass spectrometry // *Journal of analytical and applied pyrolysis*. Amsterdam : Elsevier. ISSN 0165-2370. eISSN 1873-250X. 2022, vol. 166, art. no. 105602, p. 185-208. DOI: 10.1016/j.jaap.2022.105602. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,000; AIF: 6,233; IF/AIF: 0,962; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,500]
56. [S1; CH; OA] **Bartkiene, Elena; Starkute, Vytautė; Zokaityte, Egle; Klupsaite, Dovile; Mockus, Ernestas; Bartkevics, Vadims; Borisova, Anastasiya; Gruzauskas, Romas; Liatukas, Žilvinas; Ruzgas, Vytautas.** Comparison study of nontreated and fermented wheat varieties 'Ada', 'Sarta', and new breed blue and purple wheat lines wholemeal flour // *Biology*. Basel : MDPI. ISSN 2079-7737. 2022, vol. 11, iss. 7, art. no. 966, p. 1-26. DOI: 10.3390/biology11070966. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,200; AIF: 4,500; IF/AIF: 0,933; Q2 (2022, InCites JCR SCIE)] [M.kr.: A 003, T 005, A 001] [Indėlis: 0,100]
57. [S1; GB] **Khan, Faizal; Volyniuk, Lesia; Ghasemi, Melika; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas; Misra, Rajneesh.** Efficient monomolecular white emission of phenothiazine boronic ester derivatives with room temperature phosphorescence // *Journal of materials chemistry C*. Cambridge : Royal society of chemistry. ISSN 2050-7526. eISSN 2050-7534. 2022, vol. 10, iss. 28, p. 10347-10355. DOI: 10.1039/d2tc01612e. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,400; AIF: 5,750; IF/AIF: 1,113; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,664]

58. [S1; CH; OA] Jankauskaite, Lina; Malinauskas, Mantas; Aukstikalne, Lauryna; **Dabasinskaite, Lauryna**; Rimkunas, Augustinas; Mickevicius, Tomas; Pockevičius, Alius; **Krugly, Edvinas**; **Martuzevicius, Dainius**; **Ciuzas, Darius**; **Baniukaitiene, Odeta**; Usas, Arvydas. Functionalized electrospun scaffold-human-muscle-derived stem cell construct promotes In vivo neocartilage formation // *Polymers*. Basel : MDPI. ISSN 2073-4360. 2022, vol. 14, iss. 12, art. no. 2498, p. 1-16. DOI: 10.3390/polym14122498. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 5,000; AIF: 5,200; IF/AIF: 0,961; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, M 001, T 004] [Indėlis: 0,415]
59. [S1; CH; OA] Milasienė, Daiva; Belukhina, Olga; **Ivanauskas, Remigijus**. Effect of copper selenide modification on the conductivity of PA6, PA66, PAN, and PES fibers // *Materials*. Basel : MDPI. ISSN 1996-1944. 2022, vol. 15, iss. 12, art. no. 4320, p. 1-17. DOI: 10.3390/ma15124320. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,400; AIF: 6,020; IF/AIF: 0,564; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 008, N 003] [Indėlis: 0,333]
60. [S1; CH; OA] **Jaras, Justinas**; **Navaruckienė, Auksė**; Skliutas, Edvinas; Jeršovaitė, Jurga; Malinauskas, Mangirdas; **Ostrauskaitė, Jolita**. Thermo-responsive shape memory vanillin-based photopolymers for microtransfer molding // *Polymers*. Basel : MDPI. ISSN 2073-4360. 2022, vol. 14, iss. 12, art. no. 2460, p. 1-17. DOI: 10.3390/polym14122460. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 5,000; AIF: 5,200; IF/AIF: 0,961; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,502]
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62. [S1; GB] **Abromaitis, V.**; **Svaikauskaite, J.**; **Sulciute, A.**; **Sinkeviciute, D.**; **Zmuidzinaviciene, N.**; **Misevicius, S.**; **Tichonovas, M.**; **Urnieszaite, I.**; **Jankunaite, D.**; Urbonavicius, M.; Varnagiris, S.; Dzingeleveciene, R.; Baranauskis, K.; **Martuzevicius, D.** Ozone-enhanced TiO2 nanotube arrays for the removal of COVID-19 aided antibiotic ciprofloxacin from water: Process implications and toxicological evaluation // *Journal of environmental management*. London : Academic press. ISSN 0301-4797. eISSN 1095-8630. 2022, vol. 318, art. no. 115515, p. 1-14. DOI: 10.1016/j.jenvman.2022.115515. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 8,700; AIF: 6,500; IF/AIF: 1,338; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 006, N 003, T 004] [Indėlis: 0,716]
63. [S1; CH; OA] **Urbonavičius, Arminas**; **Fortunato, Graziana**; **Ambrazaitytė, Emilija**; **Plytninkienė, Elena**; **Bieliauskas, Aurimas**; **Milišiūnaitė, Vaida**; Luisi, Renzo; **Arbačiauskienė, Eglė**; **Krikštolaitytė, Sonata**; **Šačkus, Algirdas**. Synthesis and characterization of novel heterocyclic chalcones from 1-phenyl-1H-pyrazol-3-ol // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2022, vol. 27, iss. 12, art. no. 3752, p. 1-32. DOI: 10.3390/molecules27123752. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 4,600; AIF: 6,400; IF/AIF: 0,718; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,850]
64. [S1; GB; OA] Juneja, Nimish; Mandati, Sreekanth; Katerski, Atanas; Spalatu, Nicolae; **Daskeviciute-Geguziene, Sarune**; Vembris, Aivars; Karazhanov, Smagul; **Getautis, Vytautas**; Krunks, Malle; Acik, Ilona Oja. Sb2S3 solar cells with a cost-effective and dopant-free fluorene-based enamine as a hole transport material // *Sustainable energy & fuels*. Cambridge : Royal society of chemistry. ISSN 2398-4902. 2022, vol. 6, iss. 13, p. 1-10. DOI: 10.1039/d2se00356b. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,600; AIF: 7,033; IF/AIF: 0,796; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,200]
65. [S1; GB] **Daskeviciute-Geguziene, Sarune**; **Magomedov, Artiom**; **Daskeviciene, Maryte**; Genevicius, Kristijonas; Nekrašas, Nerijus; Jankauskas, Vygintas; **Kantminiene, Kristina**; McGehee, Michael D.; **Getautis, Vytautas**. Cross-linkable carbazole-based hole transporting materials for perovskite solar cells // *Chemical communications*. Cambridge : Royal society of chemistry. ISSN 1359-7345. eISSN 1364-548X. 2022, vol. 58, iss. 54, p. 7495-7498. DOI: 10.1039/D2CC02612K. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,900; AIF: 6,900; IF/AIF: 0,710; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,501]
66. [S1; GB] **Leitonas, Karolis**; **Guzauskas, Matas**; **Tsiko, Uliana**; **Simokaitiene, Jurate**; **Volyniuk, Dmytro**; **Grazulevicius, Juozas Vidas**. White vertical organic permeable-base light-emitting transistors obtained by mixing of blue exciton and orange interface exciplex emissions // *Journal of materials chemistry C*. Cambridge : Royal society of chemistry. ISSN 2050-7534. eISSN 2050-7526. 2022, vol. 10, iss. 26, p. 9786-9793. DOI: 10.1039/d2tc01326f. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,400; AIF: 5,750; IF/AIF: 1,113; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
67. [S1; GB] **Bernard, Ronit Sebastine**; **Andruleviciene, Viktorija**; Belousov, George K.; Vaitusionak, Aliaksei A.; **Tsiko, Uliana**; **Volyniuk, Dmytro**; Kostjuk, Sergei V.; **Kublickas, Rimantas Henrikas**; **Grazulevičius, Juozas Vidas**. Methoxy-substituted carbazole-based polymers obtained by RAFT polymerization for solution-processable organic light-emitting devices // *European polymer journal*. Oxford : Elsevier. ISSN 0014-3057. eISSN 1873-1945. 2022, vol. 174, art. no. 111323, p. 1-10. DOI: 10.1016/j.eurpolymj.2022.111323. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,000; AIF: 5,200; IF/AIF: 1,153; Q1 (2022, InCites

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69. [S1; GB] **Tsiko, U.**; **Volyniuk, D.**; **Andrulevičienė, V.**; **Leitonas, K.**; Sych, G.; **Bezvikonnyi, O.**; Jašinskas, V.; Gulbinas, V.; Stakhira, P.; **Grazulevicius, J.V.** Triphenylamino or 9-phenyl carbazolyl-substituted pyrimidine-5-carbonitriles as bipolar emitters and hosts with triplet harvesting abilities // *Materials today chemistry*. Oxford : Elsevier. ISSN 2468-5194. 2022, vol. 25, art. no. 100955, p. 1-13. DOI: 10.1016/j.mtchem.2022.100955. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 7,300; AIF: 6,550; IF/AIF: 1,114; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 002, T 005] [Indėlis: 0,600]
70. [S1; GB; OA] **Slinksienė, Rasa**; Sendzikienė, Egle; **Mikolaitienė, Austėja**; Makareviciene, Violeta; **Paleckienė, Rasa**; **Ragauskaitė, Dovilė**. Use of microalgae biomass for production of granular nitrogen biofertilizers // *Green chemistry letters and reviews*. Abingdon : Taylor & Francis. ISSN 1751-8253. eISSN 1751-7192. 2022, vol. 15, iss. 2, p. 415-425. DOI: 10.1080/17518253.2022.2071593. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,600; AIF: 6,950; IF/AIF: 0,949; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, T 004, N 003] [Indėlis: 0,668]
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73. [S1; CH; OA] **Dagilienė, Miglė**; **Markuckaitė, Giedrė**; **Krikštolaitytė, Sonata**; **Šačkus, Algirdas**; **Martynaitis, Vytas**. Cyanide anion determination based on nucleophilic addition to 6-[(E)-(4-nitrophenyl)diazonyl]-1',3,3',4-tetrahydrospiro[chromene-2,2'-indole] Derivatives // *Chemosensors*. Basel : MDPI. ISSN 2227-9040. 2022, vol. 10, iss. 5, art. no. 185, p. 1-12. DOI: 10.3390/chemosensors10050185. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 4,200; AIF: 5,066; IF/AIF: 0,829; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
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75. [S1; US] Joseph, Vellaichamy; Xia, Jianxing; Sutanto, Albertus Adrian; Jankauskas, Vygtintas; Momblona, Cristina; Ding, Bin; **Rakstys, Kasperas**; Balasaravanan, Rajendiran; Pan, Chun-Huang; Ni, Jen-Shyang; Yau, Shueh-Lin; Sohail, Muhammad; Chen, Ming-Chou; Dyson, Paul J; Nazeeruddin, Mohammad Khaja. Triarylamine-functionalized imidazolyl-capped bithiophene hole transporting material for cost-effective perovskite solar cells // *ACS applied materials & interfaces*. Washington, DC : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2022, vol. 14, iss. 19, p. 22053-22060. DOI: 10.1021/acsami.2c00841. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 9,500; AIF: 7,550; IF/AIF: 1,258; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,066]
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77. [S1; US] Belwal, Tarun; Cravotto, Christian; Prieto, M.A.; **Venskutonis, Petras Rimantas**; Daglia, Maria; Devkota, Hari Prasad; Baldi, Alessandra; Ezzat, Shahira Mohammed; Gómez-Gómez, Lourdes; Salama, Maha Mahmoud; Campone, Luca; Rastrelli, Luca; Echave, J.; Jafari, Seid Mahdi; Cravotto, Giancarlo. Effects of different drying techniques on the quality and bioactive compounds of plant-based products: a critical review on current trends // *Drying technology*. Philadelphia, PA : Taylor & Francis. ISSN 0737-3937. eISSN 1532-2300. 2022, vol. 40, iss. 8, p. 1539-1561. DOI: 10.1080/07373937.2022.2068028. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 5,400; IF/AIF: 0,611; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005]

[Indėlis: 0,066]

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81. [S1; CH; OA] **Kavaliauskas, Povilas**; Opazo, Felipe Stambuk; Acevedo, Waldo; Petraitienė, Ruta; **Grybaitė, Birutė**; **Anusevičius, Kazimieras**; **Mickevičius, Vytautas**; Belyakov, Sergey; Petraitis, Vidmantas. Synthesis, biological activity, and molecular modelling studies of naphthoquinone derivatives as promising anticancer candidates targeting COX-2 // *Pharmaceuticals*. Basel : MDPI. ISSN 1424-8247. 2022, vol. 15, iss. 5, art. no. 541, p. 1-26. DOI: 10.3390/ph15050541. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 4,500; IF/AIF: 1,022; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 004] [Indėlis: 0,357]
82. [S1; US] **Švermickaitė, Greta**; **Eisinaityė, Viktorija**; **Vinauskienė, Rimantė**; **Jasutienė, Ina**; **Leskauskaitė, Daiva**. Characterisation of hydrogels and aerogels as carriers for sea buckthorn pomace extract // *International journal of food science and technology*. Hoboken, NJ : John Wiley & Sons. ISSN 0950-5423. eISSN 1365-2621. 2022, vol. 57, iss. 7, p. 4441-4450. DOI: 10.1111/ijfs.15777. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 5,300; IF/AIF: 0,622; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
83. [S1; CH; OA] **Matulis, Paulius**; **Kutraite, Ingrida**; **Augustiniene, Ernesta**; **Valanciene, Egle**; **Jonuskiene, Ilona**; **Malys, Naglis**. Development and characterization of indole-responsive whole-cell biosensor based on the inducible gene expression system from *Pseudomonas putida* KT2440 // *International journal of molecular sciences*. Basel : MDPI. ISSN 1661-6596. eISSN 1422-0067. 2022, vol. 23, iss. 9, art. no. 4649, p. 1-12. DOI: 10.3390/ijms23094649. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 5,600; AIF: 6,400; IF/AIF: 0,875; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
84. [S1; CH; OA] Badaras, Sarunas; Ruzauskas, Modestas; **Gruzauskas, Romas**; Zokaityte, Egle; Starkute, Vytaute; Mockus, Ernestas; Klementavičiūtė, Jolita; Bartkevics, Vadims; Vadopalas, Laurynas; Klupsaite, Dovile; Dauksiene, Agila; Zokaityte, Gintare; Mickiene, Ruta; Bartkiene, Elena. Strategy for local plant-based material valorisation to higher-value feed stock for piglets // *Animals*. Basel : MDPI. ISSN 2076-2615. 2022, vol. 12, iss. 9, art. no. 1092, p. 1-23. DOI: 10.3390/ani12091092. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,000; AIF: 2,400; IF/AIF: 1,250; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, A 003] [Indėlis: 0,071]
85. [S1; CH] **Bernard, Ronit Sebastine**; **Andruleviciene, Viktorija**; **Bezvikonnyi, Oleksandr**; **Volyniuk, Dmytro**; **Simokaitiene, Jurate**; **Kublickas, Rimantas Henrikas**; **Grazulevicius, Juozas Vidas**. Impact of the substitution pattern of the acceptor on the properties of the bis(trifluoromethyl)phenyl disubstituted aromatic diamines // *Journal of photochemistry and photobiology A: Chemistry*. Lausanne : Elsevier. ISSN 1010-6030. eISSN 1873-2666. 2022, vol. 430, art. no. 113969, p. 1-8. DOI: 10.1016/j.jphotochem.2022.113969. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 7,500; IF/AIF: 0,573; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
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87. [S1; DE] **Durgaryan, Ranush**; **Simokaitiene, Jurate**; **Volyniuk, Dmytro**; **Bezvikonnyi, Oleksandr**; **Danyliv, Yan**; Kim, Byeong Jo; Woon, Kai Lin; Sini, Gjergji; Boschloo, Gerrit; **Grazulevicius, Juozas Vidas**. Enhancement of hole extraction efficiency of dibenzothiophenes by substitution engineering: toward additive-free perovskite solar cells with power conversion efficiency exceeding 20% // *Solar RRL*. Weinheim : John Wiley & Sons. ISSN 2367-198X. 2022, vol. 6, iss. 7, art. no. 2200128, p. 1-15. DOI: 10.1002/solr.202200128.

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88. [S1; CH; OA] Balčiūnaitienė, Aistė; Liaudanskas, Mindaugas; Puzerytė, Viktorija; Viškelis, Jonas; Janulis, Valdimaras; Viškelis, Pranas; **Griškonis, Egidijus**; Jankauskaitė, Virginija. Eucalyptus globulus and Salvia officinalis extracts mediated green synthesis of silver nanoparticles and their application as an antioxidant and antimicrobial agent // Plants. Basel : MDPI. ISSN 2223-7747. 2022, vol. 11, iss. 8, art. no. 1085, p. 1-16. DOI: 10.3390/plants11081085. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 4,500; AIF: 4,300; IF/AIF: 1,046; Q1 (2022, InCites JCR SCIE)] [M.kr.: M 003, T 008, A 001, N 003] [Indėlis: 0,125]
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90. [S1; CH; OA] **Balandis, Benas**; Šimkūnas, Tomas; Paketurytė-Latvė, Vaida; Michailovienė, Vilma; Mickevičiūtė, Aurelija; Manakova, Elena; Gražulis, Saulius; Belyakov, Sergey; Kairys, Visvaldas; **Mickevičius, Vytautas**; Zubrienė, Asta; Matulis, Daumantas. Beta and gamma amino acid-substituted benzenesulfonamides as inhibitors of human carbonic anhydrases // Pharmaceuticals. Basel : MDPI. ISSN 1424-8247. 2022, vol. 15, iss. 4, art. no. 477, p. 1-31. DOI: 10.3390/ph15040477. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 4,600; AIF: 4,500; IF/AIF: 1,022; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,170]
91. [S1; NL] **Sarapajevaite, Gabriele; Baltakys, Kestutis**. Thermal stability and decomposition mechanism of synthetic covellite samples // Journal of thermal analysis and calorimetry. Dordrecht : Springer. ISSN 1388-6150. eISSN 1588-2926. 2022, vol. 147, iss. 20, p. 10951-10963. DOI: 10.1007/s10973-022-11313-8. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,400; AIF: 5,700; IF/AIF: 0,771; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
92. [S1; CH; OA] Nutautaitė, Monika; Racevičiūtė Stupelienė, Asta; Bliznikas, Saulius; **Jonuškienė, Ilona**; Karosienė, Jūratė; Koreivienė, Judita; Vilienė, Vilma. Evaluation of phenolic compounds and pigments in freshwater Cladophora glomerata biomass from various Lithuanian rivers as a potential future raw material for biotechnology // Water. Basel : MDPI. ISSN 2073-4441. 2022, vol. 14, iss. 7, art. no. 1138, p. 1-18. DOI: 10.3390/w14071138. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,400; AIF: 5,450; IF/AIF: 0,623; Q2 (2022, InCites JCR SCIE)] [M.kr.: A 003, N 012, T 005] [Indėlis: 0,142]
93. [S1; NL] **Dabasinskaite, Lauryna; Krugly, Edvinas; Baniukaitiene, Odeta; Ciuzas, Darius; Martuzevicius, Dainius**; Jankauskaite, Lina; Malinauskas, Mantas; Usas, Arvydas. Design and fabrication method of bi-layered fibrous scaffold for cartilage regeneration // Biochemical engineering journal. Amsterdam : Elsevier. ISSN 1369-703X. eISSN 1873-295X. 2022, vol. 182, art. no. 108413, p. 1-10. DOI: 10.1016/j.bej.2022.108413. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 3,900; AIF: 6,150; IF/AIF: 0,634; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 004, N 010, T 005] [Indėlis: 0,625]
94. [S1; US] **Tamošaitis, Almantas; Jaruševičienė, Aušrinė; Strykaitė, Monika; Damašius, Jonas**. Analysis of antimicrobial whey protein-based biocomposites with lactic acid, tea tree (Melaleuca alternifolia) and garlic (Allium sativum) essential oils for Edam cheese coating // International journal of dairy technology. Hoboken, NJ : John Wiley & Sons. ISSN 1364-727X. eISSN 1471-0307. 2022, vol. 75, iss. 3, p. 611-618. DOI: 10.1111/1471-0307.12858. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,400; AIF: 5,300; IF/AIF: 0,830; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
95. [S1; CH; OA] Rudzionis, Zymantas; Navickas, Arunas Aleksandras; Stelmokaitis, Gediminas; **Ivanauskas, Remigijus**. Immobilization of hexavalent chromium using self-compacting soil technology // Materials. Basel : MDPI. ISSN 1996-1944. 2022, vol. 15, iss. 6, art. no. 2335, p. 1-14. DOI: 10.3390/ma15062335. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,400; AIF: 6,020; IF/AIF: 0,564; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 002, N 003] [Indėlis: 0,250]
96. [S1; CH] **Durgaryan, Ranush; Simokaitiene, Jurate; Dabulienė, Asta; Volyniuk, Dmytro; Bezikonny, Oleksandr**; Jankauskas, Vygintas; Matulis, Vitaly; Lyakhov, Dmitry; Klymenko, Ivan; Schmaltz, Bruno; **Grazulevicius, Juozas Vidas**. N,N-di(4-methoxyphenyl)hydrazones of carbazole and phenothiazine carbaldehydes containing 4-methoxyphenyl groups as hole transporting materials // Synthetic metals. Lausanne : Elsevier. ISSN 0379-6779. 2022, vol. 287, art. no. 117057, p. 1-7. DOI: 10.1016/j.synthmet.2022.117057. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,400; AIF: 6,033; IF/AIF: 0,729; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,550]
97. [S1; CH; OA] Bartkiene, Elena; **Gruzauskas, Romas**; Ruzauskas, Modestas; Zokaityte, Egle; Starkute, Vytaute; Klupsaite, Dovile; Vadopalas, Laurynas; Badaras, Sarunas; Özogul, Fatih. Changes in the microbial community and biogenic amine content in rapeseed meal during fermentation with an antimicrobial combination of lactic acid bacteria strains // Fermentation. Basel : MDPI. ISSN 2311-5637. 2022, vol. 8, iss. 4, art. no. 136, p. 1-16. DOI: 10.3390/fermentation8040136. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF:

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99. [S1; GB] **Lebedevaite, Migle; Gineika, Andrius**; Talacka, Vaidas; **Baltakys, Kestutis; Ostrauskaite, Jolita**. Development and optical 3D printing of acrylated epoxidized soybean oil-based composites with functionalized calcium silicate hydrate filler derived from aluminium fluoride production waste // *Composites Part A: Applied science and manufacturing*. Oxford : Elsevier. ISSN 1359-835X. eISSN 1878-5840. 2022, vol. 157, art. no. 106929, p. 1-12. DOI: 10.1016/j.compositesa.2022.106929. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 8,700; AIF: 6,300; IF/AIF: 1,380; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,800]
100. [S1; NL] **Krugly, Edvinas; Pitak, Oleh; Ciuzas, Darius; Tichonovas, Martynas; Stasiulaitiene, Inga; Prasauskas, Tadas; Kliucininkas, Linas; Martuzevicius, Dainius**. Removal of VOCs from wood processing ventilation air by advanced oxidation gas-to-particle prototype system // *Process safety and environmental protection*. Amsterdam : Elsevier. ISSN 0957-5820. eISSN 1744-3598. 2022, vol. 161, p. 520-527. DOI: 10.1016/j.psep.2022.03.043. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,800; AIF: 8,550; IF/AIF: 0,912; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 004] [Indėlis: 1,000]
101. [S1; US; OA] Jošt, Marko; Köhnen, Eike; Al-Ashouri, Amran; Bertram, Tobias; Tomšič, Špela; **Magomedov, Artiom; Kasparavicius, Ernestas**; Kodalle, Tim; Lipovšek, Benjamin; **Getautis, Vytautas**; Schlatmann, Rutger; Kaufmann, Christian A.; Albrecht, Steve; Topič, Marko. Perovskite/CIGS tandem solar cells: from certified 24.2% toward 30% and beyond // *ACS Energy letters*. Washington, DC : American Chemical Society. ISSN 2380-8195. 2022, vol. 7, iss. 4, p. 1298-1307. DOI: 10.1021/acsenrgylett.2c00274. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 22,000; AIF: 7,320; IF/AIF: 3,005; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,213]
102. [S1; CH; OA] **Varnaitė, Laurita; Keršienė, Milda; Šipailienė, Aušra; Kazernavičiūtė, Rita; Venskutonis, Petras Rimantas; Leskauskaitė, Daiva**. Fiber-rich cranberry pomace as food ingredient with functional activity for yogurt production // *Foods*. Basel : MDPI. ISSN 2304-8158. 2022, vol. 11, iss. 5, art. no. 758, p. 1-15. DOI: 10.3390/foods11050758. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,200; AIF: 5,300; IF/AIF: 0,981; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
103. [S1; US] **Stanitska, Mariia; Mahmoudi, Malek**; Pokhodylo, Nazariy; Lytvyn, Roman; **Volyniuk, Dmytro; Tomkeviciene, Ausra; Keruckiene, Rasa**; Obushak, Mykola; **Grazulevicius, Juozas Vidas**. Exciplex-forming systems of physically mixed and covalently bonded benzoyl-1H-1,2,3-triazole and carbazole moieties for solution-processed white OLEDs // *Journal of organic chemistry*. Washington, DC : American Chemical Society. ISSN 0022-3263. eISSN 1520-6904. 2022, vol. 87, iss. 6, p. 4040-4050. DOI: 10.1021/acs.joc.1c02784. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,600; AIF: 3,900; IF/AIF: 0,923; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,611]
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107. [S1; DE] **Jegorovė, Aistė**; Momblona, Cristina; **Daškevičienė, Marytė; Magomedov, Artiom; Degutyte, Rimgaile**; Asiri, Abdullah M.; Jankauskas, Vygtas; Sutanto, Albertus Adrian; Kanda, Hiroyuki; Brooks, Keith; Klipfel, Nadja; Nazeeruddin, Mohammad Khaja; **Getautis, Vytautas**. Molecular engineering of fluorene-based hole-transporting materials for efficient perovskite solar cells // *Solar RRL*. Weinheim : Wiley-VCH. ISSN 2367-198X. 2022, vol. 6, iss. 6, art. no. 2100990, p. 1-9. DOI: 10.1002/solr.202100990. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,900; AIF: 6,800; IF/AIF: 1,161; Q1 (2022, InCites JCR SCIE)] [M.

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111. [S1; GB] Nagar, Mangey Ram; Choudhury, Abhijeet; **Tavgeniene, Daiva; Beresneviciute, Raminta; Blazelevicius, Dovydas**; Jankauskas, Vygtas; Kumar, Krishan; Banik, Subrata; Ghosh, Subrata; **Grigalevičius, Saulius**; Jou, Jwo-Huei. Solution-processable phenothiazine and phenoxazine substituted fluorene cored nanotextured hole transporting materials for achieving high-efficiency OLEDs // *Journal of materials chemistry C*. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2022, vol. 10, iss. 9, p. 3593-3608. DOI: 10.1039/d1tc05237c. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,400; AIF: 5,750; IF/AIF: 1,113; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 002, N 003] [Indėlis: 0,360]
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114. [S1; GB] **Masimukku, Naveen; Gudeika, Dalius; Volyniuk, Dmytro; Bezvikonnyi, Oleksandr; Simokaitiene, Jurate**; Matulis, Vitaly; Lyakhov, Dmitry; Azovskiy, Volodymyr; **Grazulevičius, Juozas Vidas**. Bipolar 1,8-naphthalimides showing high electron mobility and red AIE-active TADF for OLED applications // *Physical chemistry chemical physics*. Cambridge : Royal society of chemistry. ISSN 1463-9076. eISSN 1463-9084. 2022, vol. 24, iss. 8, p. 5070-5082. DOI: 10.1039/d1cp05942d. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,300; AIF: 5,600; IF/AIF: 0,589; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,667]
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116. [S1; DE] **Navikaite-Snipaitiene, Vesta; Rosliuk, Deimante; Almonaityte, Karolina; Rutkaite, Ramune; Vaskeliene, Vaida; Raisutis, Renaldas**. Ultrasound-activated modified starch microgranules for removal of ibuprofen from aqueous media // *Starch = Stärke*. Weinheim : Wiley-VCH. ISSN 0038-9056. eISSN 1521-379X. 2022, vol. 74, iss. 5-6, art. no. 2100261, p. 1-10. DOI: 10.1002/star.202100261. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,300; AIF: 5,300; IF/AIF: 0,433; Q3 (2022, InCites JCR SCIE)] [M.kr.: T 005, T 010] [Indėlis: 0,668]
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119. [S1; GB] Morello, Giovanni; Moffa, Maria; Montinaro, Martina; Albanese, Annachiara; Kazlauskas, Karolis; Jursenas, Saulius; **Tomkeviciene, Austra; Grazulevicius, Juozas V.**; Camposeo, Andrea; Pisignano, Dario. Tuneable optical gain and broadband lasing driven in electrospun polymer fibers by high dye concentration // *Journal of materials chemistry C*. Cambridge : Royal society of chemistry. ISSN 2050-7534. eISSN 2050-7526. 2022, vol. 10, iss. 6, p. 2042-2048. DOI: 10.1039/d1tc05089c. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,400; AIF: 5,750; IF/AIF: 1,113; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, N 002] [Indėlis: 0,200]
 120. [S1; DE; OA] **Bruzgulienė, Jolita; Račkauskienė, Greta; Bieliauskas, Aurimas; Milišiūnaitė, Vaida; Dagilienė, Miglė; Matulevičiūtė, Gita; Martynaitis, Vytas; Krikštolaitytė, Sonata**; Slok, Frank A.; **Šačkus, Algirdas**. Regioselective synthesis of methyl 5-(N-Boc-cycloaminy)-1,2-oxazole-4-carboxylates as new amino acid-like building blocks // *Beilstein journal of organic chemistry*. Frankfurt am Main : Beilstein-Institut. ISSN 1860-5397. 2022, vol. 18, p. 102-109. DOI: 10.3762/bjoc.18.11. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 2,700; AIF: 3,900; IF/AIF: 0,692; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,900]
 121. [S1; GB; OA] **Tsiko, Uliana; Sych, Galyna; Volyniuk, Dmytro; Bezikonny, Oleksandr; Keruckiene, Rasa**; Lazauskas, Algirdas; **Grazulevicius, Juozas Vidas**. Self-recovering mechanochromic luminescence of the derivatives of benzanthrone and carbazole: towards damage-resistive information recording and security probes // *Dyes and pigments*. Oxford : Elsevier. ISSN 0143-7208. eISSN 1873-3743. 2022, vol. 199, art. no. 110082, p. 1-8. DOI: 10.1016/j.dyepig.2022.110082. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,500; AIF: 5,433; IF/AIF: 0,828; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,787]
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 123. [S1; GB] **Zadeike, Daiva; Vaitkeviciene, Ruta; Degutyte, Rimgaile; Bendoraitiene, Joana**; Rukuiziene, Zaneta; Cernauskas, Darius; **Svazas, Mantas; Juodeikiene, Grazina**. A comparative study on the structural and functional properties of watersoluble and alkalisoluble dietary fibres from rice bran after hotwater, ultrasound, hydrolysis by cellulase, and combined pretreatments // *International journal of food science and technology*. London : Wiley. ISSN 0950-5423. eISSN 1365-2621. 2022, vol. 57, iss. 2, p. 1137-1149. DOI: 10.1111/ijfs.15480. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 5,300; IF/AIF: 0,622; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,750]
 124. [S1; GB] **Augustiniene, Ernesta; Valanciene, Egle; Matulis, Paulius; Syrpas, Michail; Jonuskiene, Iona; Malys, Naglis**. Bioproduction of l- and d-lactic acids: advances and trends in microbial strain application and engineering // *Critical reviews in biotechnology*. Abingdon : Taylor & Francis. ISSN 0738-8551. eISSN 1549-7801. 2022, vol. 42, iss. 3, p. 342-360. DOI: 10.1080/07388551.2021.1940088. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 9,000; AIF: 5,500; IF/AIF: 1,636; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 125. [S1; NL] **Trakselyte-Rupsiene, Karolina; Juodeikiene, Grazina; Alzbergaitė, Gabriele; Zadeike, Daiva**; Bartkiene, Elena; Ozogul, Fatih; Ruller, Lukas; Robert, Josef; Rocha, João Miguel F. Bio-refinery of plant drinks press cake permeate using ultrafiltration and lactobacillus fermentation into antimicrobials and its effect on the growth of wheatgrass in vivo // *Food bioscience*. Amsterdam : Elsevier. ISSN 2212-4292. eISSN 2212-4306. 2022, vol. 46, art. no. 101427, p. 1-8. DOI: 10.1016/j.fbio.2021.101427. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,200; AIF: 5,300; IF/AIF: 0,981; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005, A 003, M 004] [Indėlis: 0,445]
 126. [S1; GB] **Mahmoudi, Malek; Keruckas, Jonas; Volyniuk, Dmytro; Andrulevičienė, Viktorija; Keruckienė, Rasa; Narbutaitis, Edgaras**; Chao, Yu-Chiang; Rutkis, Martins; **Grazulevicius, Juozas V.** Bis(N-naphthyl-N-phenylamino)benzophenones as exciton-modulating materials for white TADF OLEDs with separated charge and exciton recombination zones // *Dyes and pigments*. Oxford : Elsevier. ISSN 0143-7208. eISSN 1873-3743. 2022, vol. 197, art. no. 109868, p. 1-10. DOI: 10.1016/j.dyepig.2021.109868. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,500; AIF: 5,433; IF/AIF: 0,828; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,778]
 127. [S1; GB] **Trakselyte-Rupsiene, Karolina; Juodeikiene, Grazina**; Hajnal, Elizabet Janić; Bartkevics, Vadims; Pugajeva, Iveta; Klupsaite, Dovile; Cernauskas, Darius; Lele, Vita; **Žadeikė, Daiva**; Bartkiene, Elena. Challenges of Lactobacillus fermentation in combination with acoustic screening for deoxynivalenol and deoxynivalenol conjugates reduction in contaminated wheat - based products // *Food control*. Oxford : Elsevier. ISSN 0956-7135. eISSN 1873-7129. 2022, vol. 134, art. no. 108699, p. 1-8. DOI: 10.1016/j.foodcont.2021.108699. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,000; AIF:

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129. [S1; GB] Serevičius, Tomas; Skaigiris, Rokas; **Gudeika, Dalius**; Kazlauskas, Karolis; Juršėnas, Saulius Antanas. Conformational disorder enabled emission phenomena in heavily doped TADF films // *Physical chemistry chemical physics*. Cambridge : Royal society of chemistry. ISSN 1463-9076. eISSN 1463-9084. 2022, vol. 24, iss. 1, p. 313-320. DOI: 10.1039/d1cp04905d. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,300; AIF: 5,600; IF/AIF: 0,589; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 002, T 005] [Indėlis: 0,200]
130. [S1; NL] **Keruckiene, Rasa**; **Kusas, Nerijus**; **Dvylys, Lukas**; **Skuodis, Eigirdas**; Matulis, V.E.; Ragoyja, E.G.; Lyakhov, D.A.; Klymenko, I.; **Grazulevicius, J.V.** Derivatives of bis(trifluoromethyl)biphenyl and various donor noieties exhibiting dual state emission // *Journal of luminescence*. Amsterdam : Elsevier. ISSN 0022-2313. eISSN 1872-7883. 2022, vol. 241, art. no. 118502, p. 1-10. DOI: 10.1016/j.jlumin.2021.118502. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,600; AIF: 3,600; IF/AIF: 1,000; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,556]
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132. [S1; US] Gulbinienė, Ada; Fataraitė-Urbonienė, Eglė; Jucienė, Milda; Dobilaitė, Vaida; **Valeika, Virgilijus**. Effect of CO2 laser treatment on the leather surface morphology and wettability // *Journal of industrial textiles*. Thousand oaks, CA : SAGE. ISSN 1528-0837. eISSN 1530-8057. 2022, vol. 51, iss. 2, suppl. p. 2483S-2498S. DOI: 10.1177/15280837211022612. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,200; AIF: 3,300; IF/AIF: 0,969; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,200]
133. [S1; NL] **Bulota, Mindaugas**; **Ciužas, Darius**; **Krugly, Edvinas**; **Pauliukaityte, Ingrida**; **Baniukaitiene, Odeta**; **Martuzevicius, Dainius**. Electrospun cellulose fiber-reinforced UV-curable composites with tunable properties // *Industrial crops and products*. Amsterdam : Elsevier. ISSN 0926-6690. eISSN 1872-633X. 2022, vol. 176, art. no. 114306, p. 1-6. DOI: 10.1016/j.indcrop.2021.114306. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,900; AIF: 5,350; IF/AIF: 1,102; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 004, T 005] [Indėlis: 1,000]
134. [S1; US] **Ciužas, Darius**; **Krugly, Edvinas**; **Sriubaite, Simona**; **Pauliukaityte, Ingrida**; **Baniukaitiene, Odeta**; **Bulota, Mindaugas**; **Martuzevicius, Dainius**. Electrospun cellulose fibers from ionic liquid: practical implications toward robust morphology // *Journal of applied polymer science*. Hoboken, NJ : John Wiley & Sons. ISSN 0021-8995. eISSN 1097-4628. 2022, vol. 139, iss. 3, e51525, p. 1-13. DOI: 10.1002/app.51525. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,000; AIF: 5,200; IF/AIF: 0,576; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005, T 004] [Indėlis: 1,000]
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136. [S1; DE; OA] **Daskeviciute-Geguziene, Sarune**; Zhang, Yi; **Rakstys, Kasparas**; Kreiza, Gediminas; Khan, Sher Bahadar; Kanda, Hiroyuki; Paek, Sanghyun; **Daskeviciene, Maryte**; Kamarauskas, Egidijus; Jankauskas, Vygtintas; Asiri, Abdullah M.; **Getautis, Vytautas**; Nazeeruddin, Mohammad Khaja. Green-chemistry-inspired synthesis of cyclobutane-based hole-selective materials for highly efficient perovskite solar cells and modules // *Angewandte chemie (international edition)*. Weinheim : Wiley-VCH. ISSN 1433-7851. eISSN 1521-3773. 2022, vol. 61, iss. 5, art. no. e202113207, p. 1-9. DOI: 10.1002/anie.202113207. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 16,600; AIF: 6,900; IF/AIF: 2,405; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,316]
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139. [S1; DE; OA] Zhou, Suer; **Daskeviciene, Maryte; Steponaitis, Matas; Bubniene, Giedre;** Jankauskas, Vygintas; Schutt, Kelly; Holzhey, Philippe; Marshall, Ashley R.; Caprioglio, Pietro; Christoforo, Grey; Ball, James M.; **Malinauskas, Tadas; Getautis, Vytautas;** Snaith, Henry J. Low-cost dopant-free carbazole enamine hole-transporting materials for thermally stable perovskite solar cells // *Solar RRL*. Weinheim : Wiley-VCH. ISSN 2367-198X. 2022, vol. 6, iss. 1, art. no. 2100984, p. 1-11. DOI: 10.1002/solr.202100984. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,900; AIF: 6,800; IF/AIF: 1,161; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003, T 008] [Indėlis: 0,355]
140. [S1; GB] Danos, Andrew; **Gudeika, Dalius;** Kukhta, Nadzeya A.; **Lygaitis, Ramunas;** Colella, Marco; Higginbotham, Heather F.; Bismillah, Aisha N.; McGonigal, Paul R.; **Grazulevicius, Juozas Vidas;** Monkman, Andrew P. Not the sum of their parts: understanding multi-donor interactions in symmetric and asymmetric TADF emitters // *Journal of materials chemistry C*. Cambridge : Royal society of chemistry. ISSN 2050-7526. eISSN 2050-7534. 2022, vol. 10, iss. 12, p. 4737-4747. DOI: 10.1039/d1tc04171a. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,400; AIF: 5,750; IF/AIF: 1,113; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,300]
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142. [S1; DE] **Jegorovė, Aistė;** Truong, Minh Anh; Murdey, Richard; **Daskeviciene, Maryte; Malinauskas, Tadas; Kantminiene, Kristina;** Jankauskas, Vygintas; **Getautis, Vytautas;** Wakamiya, Atsushi. Starburst carbazole derivatives as efficient hole transporting materials for perovskite solar cells // *Solar RRL*. Weinheim : Wiley-VCH. ISSN 2367-198X. 2022, vol. 6, iss. 1, art. no. 2100877, p. 1-7. DOI: 10.1002/solr.202100877. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,900; AIF: 6,800; IF/AIF: 1,161; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,556]
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144. [S1; US] **Razmienė, Beatričė;** Vojáčková, Veronika; Řezníčková, Eva; Malina, Lukáš; **Dambrauskienė, Vaida;** Kubala, Martin; Bajgar, Robert; Kolářová, Hana; Žukauskaitė, Asta; **Arbačiauskienė, Eglė; Šačkus, Algirdas;** Kryštof, Vladimír. Synthesis of N-aryl-2,6-diphenyl-2H-pyrazolo[4,3-c]pyridin-7-amines and their photodynamic properties in the human skin melanoma cell line G361 // *Bioorganic chemistry*. San Diego, CA : Elsevier. ISSN 0045-2068. eISSN 1090-2120. 2022, vol. 119, art. no. 105570, p. 1-10. DOI: 10.1016/j.bioorg.2021.105570. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 4,900; IF/AIF: 1,040; Q1 (2022, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,336]
145. [S1; CH; OA] **Malūkaitė, Dovilė; Grybaitė, Birutė; Vaickelionienė, Rita; Vaickelionis, Giedrius; Sapijanskaitė-Banevič, Birutė; Kavaliauskas, Povilas; Mickevičius, Vytautas.** Synthesis of novel thiazole derivatives bearing β-amino acid and aromatic moieties as promising scaffolds for the development of new antibacterial and antifungal candidates targeting multidrug-resistant pathogens // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2022, vol. 27, iss. 1, art. no. 74, p. 1-21. DOI: 10.3390/molecules27010074. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 6,400; IF/AIF: 0,718; Q2 (2022, InCites JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,888]
146. [S1; GB; OA] **Tsiko, Uliana; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro;** Minaev, Boris F.; **Keruckas, Jonas; Cekavičiute, Monika; Jatautiene, Egle; Andruleviciene, Viktorija; Dabulienė, Asta; Grazulevicius, Juozas Vidas.** TADF quenching properties of phenothiazine or phenoxazine-substituted benzantrones emitting in deep-red/near-infrared region towards oxygen sensing // *Dyes and pigments*. Oxford : Elsevier. ISSN 0143-7208. eISSN 1873-3743. 2022, vol. 197, art. no. 109952, p. 1-9. DOI: 10.1016/j.dyepig.2021.109952. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,500; AIF: 5,433; IF/AIF: 0,828; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,900]
147. [S1; HU; OA] **Navaruckiene, Aukse;** Bridziuvienė, Danguolė; Raudonienė, Vita; Rainosalo, Egidija;

Ostrauskaite, Jolita. Vanillin acrylate-based thermo-responsive shape memory antimicrobial photopolymers // Express polymer letters. Budapest : Budapest university of technology and economics. ISSN 1788-618X. 2022, vol. 16, iss. 3, p. 279-295. DOI: 10.3144/expresspolymlett.2022.22. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 5,200; IF/AIF: 0,634; Q2 (2022, InCites JCR SCIE)] [M.kr.: T 005, N 012] [Indėlis: 0,400]

148. [S1; GB; OA] **Krugly, Edvinas; Pitak, Oleh; Ciužas, Darius; Tichonovas, Martynas; Stasiulaitiene, Inga; Urniezaite, Inga; Kliucininkas, Linas; Martuzevicius, Dainius.** VOC removal from ventilation air by gas-to-particle conversion: towards the enhancement of process efficiency // Building and environment. Oxford : Elsevier. ISSN 0360-1323. eISSN 1873-684X. 2022, vol. 209, art. no. 108647, p. 1-8. DOI: 10.1016/j.buildenv.2021.108647. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,400; AIF: 6,866; IF/AIF: 1,077; Q1 (2022, InCites JCR SCIE)] [M.kr.: T 004] [Indėlis: 1,000]
149. [S1; US] **Šipailienė, Aušra; Šlimaitė, Greta; Jeznienė, Sigita; Venskutonis, Petras Rimantas; Leskauskaitė, Daiva.** W/O/W double emulsion-loaded alginate capsules containing Lactobacillus plantarum and lipophilic sea buckthorn (Hippophae rhamnoides L.) pomace extract in different phases // Food science and technology international. Thousand Oaks, CA : SAGE. ISSN 1082-0132. eISSN 1532-1738. 2022, vol. 28, iss. 5, p. 397-407. DOI: 10.1177/10820132211018036. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 2,300; AIF: 5,750; IF/AIF: 0,400; Q3 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]

Nacionalinė (Lietuvos) leidyklė

1. [S1; LT; OA] **Paleckienė, Rasa.** Production and properties of native potato starch-coated urea // Materials science = Medžiagotyra. Kaunas : KTU. ISSN 1392-1320. eISSN 2029-7289. 2022, vol. 28, no. 2, p. 224-229. DOI: 10.5755/j02.ms.28889. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 1,000; AIF: 6,200; IF/AIF: 0,161; Q4 (2022, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]

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Tarptautinė (užsienio) leidyklė

1. [P1a; US] Dubauskiene, Neringa; Kumpikaite-Valiuniene, Vilmante; Valinevicius, Algimantas; Andriukaitis, Darius; Baryniene, Jurgita; Jakstiene, Vitalija; Zily, Mindaugas; Navikas, Dangirutis; Daunoriene, Asta; Vasauskaite, Jovita; **Malinauskiene, Vida.** The students' perspective of the engineering education during the pandemic and afterward // EAEIE 2022: proceedings of the 2022 31st annual conference of the European Association for Education in Electrical and Information Engineering (EAEIE), Coimbra, Portugal, 29 June - 1 July, 2022 / F. Lopes, I. Fonseca (eds.). Piscataway, NJ : IEEE, 2022. ISBN 9781665484435. eISBN 9781665484428. ISSN 2376-4198. eISSN 2472-7687. p. 132-135. DOI: 10.1109/EAEIE54893.2022.9820202. [Conference Proceedings Citation Index - Science (Web of Science); Scopus; INSPEC] [M.kr.: N 003, T 001, S 003] [Indėlis: 0,090]
2. [S1; CH; OA] **Šermukšnytė, Aida; Jonuškienė, Ilona; Kantminienė, Kristina; Beresnevičius, Zigmantas Jonas; Tumosienė, Ingrida.** 2-((4-Phenyl-5-(2-(p-tolylamino)ethyl)-4H-1,2,4-triazol-3-yl)thio)-N'-(1-phenylethylidene)acetohydrazide // Molbank. Basel : MDPI. ISSN 1422-8599. 2022, vol. 2022, iss. 2, art. no. M1380, p. 1-5. DOI: 10.3390/M1380. [Emerging Sources Citation Index (Web of Science); Scopus; Dimensions] [M.kr.: T 005, N 003] [Indėlis: 1,000]
3. [P1a; BE] Viršilė, A.; **Balaika, G.**; Samuolienė, G.; Brazaitytė, A.; Jankauskienė, J.; Miliauskienė, J.; Laužikė, K.; Haimi, P.J. The impacts of lighting parameters on the growth and antioxidant properties of Kalanchoe pinnata in controlled environment // Acta horticulturae: IX international symposium on light in horticulture, Malmö, Sweden / S. Khalil, M. Karlsson, M.T. Naznin, K.-J. Bergstrand, M.T. Naznin (eds.) : International society for horticultural science, 2022. ISBN 9789462613362. ISSN 0567-7572. eISSN 2406-6168. 2022, vol. 1337, p. 151-156. DOI: 10.17660/ActaHortic.2022.1337.20. [Conference Proceedings Citation Index - Science (Web of Science); Scopus] [M.kr.: T 005, A 001] [Indėlis: 0,125]
4. [S1; CH; OA] Jarutienė, Laura; Adomaitienė, Virginija; Steiblienė, Vesta; **Juodeikiene, Grazina; Černauskas, Darius;** Klupsaite, Dovile; Lele, Vita; Milasauskiene, Eglė; Bartkiene, Elena. Specifics of the emotional response of patients suffering from major depressive disorder to imagined basic tastes of food // Frontiers in psychology. Lausanne : Frontiers Media SA. ISSN 1664-1078. 2022, vol. 13, art. no. 820684, p. 1-12. DOI: 10.3389/fpsyg.2022.820684. [Social Sciences Citation Index (Web of Science); Scopus; MEDLINE] [M.kr.: M 004, S 006, T 005] [Indėlis: 0,148]

Kituose recenzuojamuose mokslo leidiniuose

Tarptautinėse (užsienio) leidyklose

1. [S2; CH] **Kazlauskaitė, Greta; Dambrauskas, Tadas; Baltakys, Kestutis**. Influence of KOH and granite cutting waste on the formation of calcium silicate hydrates under hydrothermal conditions at 200 °C // Solid state technologies and modern production / K. Dvořák, D. Gazdič, A. Cahyanto, T. Omatsu, Z. Li, A.A. Radionov (eds.). Bäch : Trans Tech Publications, 2022. ISBN 9783036401713. eISBN 9783036411712. p. 97-102. (Solid state phenomena, ISSN 1662-9779 ; vol. 337). DOI: 10.4028/p-r78nlh. [Scopus; Dimensions] [M.kr.: T 005] [Indėlis: 1,000]
2. [S2; UA; OA] Pitak, Inna; Baltusnikas, Arunas; Cesniene, Jurate; **Denafas, Gintaras**. Development of technological line for solid recovered fuel production and its utilization in the cement industry: the case study of Lithuania // Eastern-European journal of enterprise technologies. Kharkiv : PC technology center. ISSN 1729-3774. eISSN 1729-4061. 2022, vol. 1, no. 6, p. 53-63. DOI: 10.15587/1729-4061.2022.251439. [Scopus; DOAJ] [M.kr.: T 006, T 004] [Indėlis: 0,125]

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1. [S3; LT; OA] Barauskaitė, Neringa; Visockis, Mindaugas; **Bubnytė, Dovilė; Meldaikytė, Ineta**; Gelažunaitė, Simona; Šarkinas, Augustinas; Rafanavičius, Aras; Ruzgys, Paulius. Using pulse electric fields (PEF) for selective inactivation of coliform bacteria // Biologija. Vilnius : Lietuvos mokslų akademija. ISSN 1392-0146. eISSN 2029-0578. 2022, vol. 68, no. 4, p. 240-247. DOI: 10.6001/biologija.v68i4.4840. [Scilit] [M.kr.: N 003] [Indėlis: 0,250]

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2. [P1b; RO; OA] **Biškauskaitė, Renata; Valeika, Virgilijus**. Effect of enzymatic bating on wet blue leather properties // ICAMS 2022: proceedings of the 9th international conference on advanced material and systems, Bucharest, Romania, 26-28 October, 2022 / L. Alexandrescu, G. Coara (eds.). București : Certex. ISSN 2068-0783. 2022, p. 279-283. DOI: 10.24264/icams-2022.III.4. [Scopus] [M.kr.: T 005] [Indėlis: 1,000]
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RECENZIJOS, APŽVALGOS IR ATSTOVAUJAMOS BENDRAAUTORYSTĖS STRAIPSNAI

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PATENTAI IR PATENTINĖS PARAIŠKOS

EPO, USPTO, JPO patentų tarnybose įregistruoti patentai

1. [N1a; DE; OA] **Leskauskaite, Daiva (autorius, išradimo); Venskutonis, Petras (autorius, išradimo); Kersiene, Milda (autorius, išradimo); Jasutiene, Ina (autorius, išradimo); Eisinaite, Viktorija (autorius, išradimo);** Lesauskaite, Vita (autorius, išradimo); Damuleviciene, Gyte (autorius, išradimo); Knasiene, Jurgita (autorius, išradimo). Nutritional emulsion with easily-swallowed viscous texture and bioactive ingredients / inventors: D. Leskauskaite, P. Venskutonis, M. Kersiene, I. Jasutiene, V. Eisinaite, V. Lesauskaite, G. Damuleviciene, J. Knasiene; proprietors: Kaunas university of technology, Lithuanian university of health sciences. EP 3925451 B1. 2022-11-30. [Espacenet] [M.kr.: T 005, M 005] [Indėlis: 0,625]
2. [N1b; US; OA] **Getautis, Vytautas (autorius, išradimo); Daskeviciene, Maryte (autorius, išradimo); Malinauskas, Tadas (autorius, išradimo);** Nazeeruddin, Mohammad Khaja (autorius, išradimo); Paek, Sanghyun (autorius, išradimo); **Rakstys, Kasparas (autorius, išradimo).** Hole transporting organic molecules containing enamine groups for optoelectronic and photoelectrochemical devices / inventors: V. Getautis, M. Daskeviciene, T. Malinauskas, M.K. Nazeeruddin, S. Paek, K. Rakstys; applicants: Kauno technologijos universitetas, Ecole Polytechnique Federale de Lausanne. US 11329229 B2. 2022-05-10. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]

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314. [T3; LT; OA] **Stankus, Gabrielius; Bezaraitė, Selvina**; Kadlecová, Alena; Voller, Jiří; Janovská, Lucie; **Iškauskienė, Monika; Malinauskienė, Vida**; Žukauskaitė, Asta; **Šačkus, Algirdas**. 5-(butylthio)-2-(1H-indolyl)-1,3,4-oxadiazoles low molecular weight compounds with potential protective activity against oxidative stress // The COINS 2022: international conference of life sciences: February 28 - March 3: abstract book. Vilnius : Vilnius University. 2022, F1, p. 52. [M.kr.: N 003]
315. [T3; LT; OA] **Šermukšnytė, Aida; Jonuškienė, Iona; Kantminienė, Kristina; Tumosienė, Ingrida**. Antibacterial activity of mercapto-substituted 5-(2-((4-ethoxyphenyl)amino)ethyl)-4-phenyl-2,4-dihydro-3h-1,2,4-triazole derivatives // The COINS 2022: international conference of life sciences: February 28 - March 3: abstract book. Vilnius : Vilnius University. 2022, A3, p. 70. [M.kr.: N 003]
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317. [T3; LT; OA] **Mickevičiūtė, Julija; Bartkevičiūtė, Ieva; Kederienė, Vilija**. Synthesis and properties investigation of bipyrazole derivatives // The COINS 2022: international conference of life sciences: February 28 - March 3: abstract book. Vilnius : Vilnius University. 2022, E4, p. 87. [M.kr.: N 003]
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320. [T3; IT; OA] **Jegorovė, Aistė**; Truong, Minh Anh; **Daskeviciene, Maryte**; Jankauskas, Vyintas; **Getautis, Vytautas**; Wakamiya, Atsushi. Starburst carbazole derivatives as efficient hole transporting materials for perovskite solar cells // Proceedings of nanoGe Spring meeting 2022: AdvMatSyn22: Advanced materials synthesis, characterization, and theory: for the green energy leap: online, Spain, 2022 March 7-11 / organizer Francesca Toma. València : Fundació Scito. 2022, p. 1. DOI: 10.29363/nanoge.nsm.2022.371. [M.kr.: N 003]
321. [T3; CH] Bagdonas, Martynas; **Urbelytė, Liucija; Mickevičius, Vytautas**; Zubrienė, Asta. Investigation of benzenesulfonamides, bearing modified glycine fragment, as human carbonic anhydrase inhibitors // 3rd Alpine

- winter conference on medicinal and synthetic chemistry: virtual event, January 24-28, 2022: book of abstracts. [S.l.] : International forum for biomedical research. 2022, P010, p. 82. [M.kr.: N 003]
322. [T3; CH] **Voznikaitė, Paulina; Kederienė, Vilija; Jaglinskaitė, Indrė; Šačkus, Algirdas**; Tatibouët, Arnaud. Investigation of benzothiophene-2-carboxylate derivatives and evaluation of biological properties // 3rd Alpine winter conference on medicinal and synthetic chemistry: virtual event, January 24-28, 2022: book of abstracts. [S.l.] : International forum for biomedical research. 2022, P019, p. 91. [M.kr.: N 003]
323. [T3; CH] **Meldaikytė, Ineta; Račkauskienė, Greta; Kederienė, Vilija**. Synthesis and investigation of new flavanone and chalcone derivatives // 3rd Alpine winter conference on medicinal and synthetic chemistry: virtual event, January 24-28, 2022: book of abstracts. [S.l.] : International forum for biomedical research. 2022, P021, p. 92. [M.kr.: N 003]
324. [T3; CH] **Razmienė, Beatričė**; Vojáčková, Veronika; Řezníčková, Eva; Malina, Lukáš; **Dambrauskienė, Vaida**; Kubala, Martin; Bajgar, Robert; Kolářová, Hana; Žukauskaitė, Asta; **Arbačiauskienė, Eglė; Šačkus, Algirdas**; Kryštof, Vladimír. Synthesis and photodynamic properties of new 2H-pyrazolo[4,3-C]pyridines // 3rd Alpine winter conference on medicinal and synthetic chemistry: virtual event, January 24-28, 2022: book of abstracts. [S.l.] : International forum for biomedical research. 2022, P011, p. 83. [M.kr.: N 003]
325. [T3; CH] **Jankauskas, Rokas; Gudelis, Emilis; Kleizienė, Neringa; Šachlevičiūtė, Urtė; Kliučinskaitė, Gabrielė**; Sløk, Frank A.; **Šačkus, Algirdas**. N-methylglycine and N-methyl-β-alanine as scaffolds for the synthesis of functionalized N-alkynyl-1-H-pyrazolecarboxylates // EYChem 2022: European young chemists' meeting, January 19-21, 2022 [virtual]: book of abstracts. [S.l.] : Swiss young chemists' association. 2022, p. 99. [M.kr.: N 003]

MOKSLO, MENO POPULIARINIMO LEIDINIAI IR JŲ DALYS, MULTIMEDIJA

1. [R2a; LT; OA] **Keršienė, Milda (interviu, duodantis); Jasutienė, Ina (interviu, duodantis)**; Karlonė, Kristina (interviu, imantis). Rugsėjo rytais – galvosūkis tėvams: ką reikėtų įdėti į moksleivių priešpiečių dėžutes? // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2022, rugs. 7, vaizdo įrašas. (Labas rytas, Lietuva). [M.kr.: T 005]

DUOMENŲ RINKINIAI

1. [D15; CH] Banyte, Jurate; Vaiciukynaite, Egle; Gadeikiene, Agne; Dovalienė, Aistė; Gravelines, Zaneta; **Basinskiene, Loreta**. Data of consumers' sensory acceptance, motives, and choices of organic vs non-organic foods: a case of Lithuanian consumers : [data set]. Genève, 2022. 1 rinkinys. DOI: 10.5281/zenodo.7405652. [M.kr.: T 005, S 003]

Suvestinė lentelė:

Darbų grupė	Darbų sk.	Aut. ind.	Aut. ind. aut. l.	Aut. l.	Publ. sk., kurių IF/AIF > 0,25	Q1-Q3 str. sk.	Q1-Q3 str. aut. ind.
1. STRAIPSNIAI RECENZUOJAMUOSE MOKSLO LEIDINIUOSE	183	113,464			149	149	88,965
1.1. <i>Web of Science</i> duomenų bazėje indeksuotuose leidiniuose su cituojamumo rodikliu (JCR SCIE)	150	89,965			149	149	88,965
1.1.1. Tarptautinėse (užsienio) leidyklose	149	88,965			149	149	88,965
1.1.2. Nacionalinėse (Lietuvos) leidyklose	1	1,000			0	0	0,000
1.2. <i>Web of Science</i> duomenų bazėje indeksuotuose leidiniuose be cituojamumo rodiklio (JCR SCIE)	4	1,363					
1.2.1. Tarptautinėse (užsienio) leidyklose	4	1,363					
1.3. Kituose recenzuojamuose mokslo leidiniuose	3	1,375					
1.3.1. Tarptautinėse (užsienio) leidyklose	2	1,125					
1.3.2. Nacionalinėse (Lietuvos) leidyklose	1	0,250					
1.4. Recenzuojamoje konferencijų pranešimų medžiagoje	26	20,761					
1.4.1. Tarptautinėse (užsienio) leidyklose	12	6,761					
1.4.2. Nacionalinėse (Lietuvos) leidyklose	14	14,000					
2. RECENZIJOS, APŽVALGOS IR ATSTOVAUJAMOS BENDRAAUTORYSTĖS STRAIPSNIAI	1	0,200			0	0	0,000
2.2. <i>Web of Science</i> duomenų bazėje indeksuotuose leidiniuose be cituojamumo rodiklio (JCR SCIE)	1	0,200					
2.2.1. Tarptautinėse (užsienio) leidyklose	1	0,200					
5. KITI MOKSLO, MENO LEIDINIAI IR JŲ DALYS	2	0,736	3,039	8,786			
6. PATENTAI IR PATENTINĖS PARAIŠKOS	13	10,381					
6.1. EPO, USPTO, JPO patentų tarnybose įregistruoti patentai	2	1,293					
6.2. Kitų užsienio šalių patentų tarnybose įregistruoti patentai	1	0,419					
6.3. Lietuvos Respublikos valstybiniame patentų biure įregistruoti patentai	3	2,625					
6.4. EPO, USPTO, JPO patentų tarnybose įregistruotos patentinės paraiškos	2	1,419					
6.5. Lietuvos ir kitų užsienio šalių patentų tarnybose įregistruotos patentinės paraiškos	5	4,625					
7. STUDIJŲ IR MOKOMIEJI LEIDINIAI IR JŲ DALYS	5	4,186	30,517	41,215			
7.1. Vadovėliai	1	0,186	2,445	13,143			
7.2. Mokomosios knygos	1	1,000	13,929	13,929			
7.3. Metodinės priemonės	3	3,000	14,143	14,143			
8. MOKSLINIŲ TYRIMŲ REZULTATŲ SKELBIMAS KONFERENCIJOSE	401						
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12. DUOMENŲ RINKINIAI	1						