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MOKSLO IR KITŲ DARBŲ SĄRAŠAS

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

STRAIPSNIAI RECENZUOJAMUOSE MOKSLO LEIDINIUOSE

Web of Science duomenų bazėje indeksuotuose leidiniuose su cituojamumo rodikliu (JCR SCIE)

Tarptautinėse (užsienio) leidyklose

- [S1; NL] **Bagdoniene, Lauryna**; Bagdonas, Edvardas; Ridikaite, Elina; **Baniukaitiene, Odeta**; **Peciulyte, Laura**; **Pupiute, Aiste**; **Martuzevicius, Dainius**; **Krugly, Edvinas**. Enhancing 3D poly[ε]caprolactone scaffold properties through alkaline hydrolysis for improved chondrocyte culture: morphological, physicochemical, and biocompatibility evaluations // Journal of drug delivery science and technology. Amsterdam : Elsevier. ISSN 1773-2247. eISSN 2588-8943. 2024, vol. 97, art. no. 105806, p. 1-8. DOI: 10.1016/j.jddst.2024.105806. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,900; AIF: 4,300; IF/AIF: 1,139; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 003, T 004, M 001] [Indėlis: 0,688]
- [S1; GB; OA] **Keruckiene, Rasa**; Vaitusionak, Aliaksei A.; Hulnik, Maksim I.; Berezianko, Ivan A.; **Gudeika, Dalius**; **Macionis, Simas**; **Mahmoudi, Malek**; **Volyniuk, Dmytro**; Valverde, Danillo; Olivier, Yoann; Woon, Kai Lin; Kostjuk, Sergei V.; Reineke, Sebastian; **Grazulevicius, Juozas V.**; Sini, Gjergji. Is a small singlet-triplet energy gap a guarantee of TADF performance in MR-TADF compounds? Impact of the triplet manifold energy splitting // Journal of materials chemistry C. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2024, vol. 12, iss. 10, p. 3450-3464. DOI: 10.1039/d3tc04397e. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 5,700; IF/AIF: 0,894; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,406]
- [S1; CH; OA] **Kavaliauskas, Povilas**; **Sapijanskaitė-Banevič, Birutė**; **Grybaitė, Birutė**; Mickeviciute, Egle; **Anusevičius, Kazimieras**; Garcia, Andrew; Naing, Ethan; Petraitienė, Rūta; Petraitis, Vidmantas; Grigalevičiūtė, Ramunė; **Mickevičius, Vytautas**. Synthesis and In Vitro anticancer activity of pyrrolidone derivatives bearing 3,4,5-trimethoxyphenyl moiety as a promising anticancer scaffold // Applied sciences. Basel : MDPI. ISSN 2076-3417. 2024, vol. 14, iss. 24, art. no. 11784, p. 1-18. DOI: 10.3390/app142411784. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,500; AIF: 5,400; IF/AIF: 0,462; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,385]
- [S1; US] **Pabricaite, Ausrine**; **Sereikaite, Vilte**; **Navaruckiene, Aukse**; Raudonienė, Vita; Bridziuvienė, Danguolė; **Ostrauskaite, Jolita**. Phloroglucinol-based antimicrobial shape-memory photopolymers for microimprint lithography // ACS Omega. Washington, DC : American Chemical Society. ISSN 2470-1343. 2024, vol. 9, iss. 51, p. 50526-50536. DOI: 10.1021/acsomega.4c08277. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,300; AIF: 6,600; IF/AIF: 0,651; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,668]
- [S1; CH; OA] **Čižeikienė, Dalia**; **Gaidė, Ieva**; **Žadeikė, Daiva**; **Bašinskienė, Loreta**. Effects of lactic acid bacterial fermentation on the biochemical properties and antimicrobial activity of hemp seeds // Applied sciences. Basel : MDPI. ISSN 2076-3417. 2024, vol. 14, iss. 23, art. no. 11469, p. 1-16. DOI: 10.3390/app142311469. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,500; AIF: 5,400; IF/AIF: 0,462; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
- [S1; US; OA] Mohd Jamel, Nor Shafiq; Skhirtladze, Levani; Hussein, Aqeel A.; Ma, Yumiao; Woon, Kai Lin; Abdulwahab, Muhammad Kumayl; **Grazulevicius, Juozas V.**; **Ariffin, Azhar**. Microwave-assisted Buchwald-Hartwig double amination: a rapid and promising approach for the synthesis of TADF compounds // ACS Omega. Washington, DC : American Chemical Society. ISSN 2470-1343. 2024, vol. 9, iss. 51, p. 50446-50457. DOI: 10.1021/acsomega.4c07563. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,300; AIF: 6,600; IF/AIF: 0,651; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,187]
- [S1; CH] **Šermukšnytė, Aida**; Stasevych, Maryna; Komarovska-Porokhnyavets, Olena; Zvarych, Viktor; Jakubauskienė, Eglė; **Kantminienė, Kristina**; **Tumosienė, Ingrida**. Novel antimicrobial and antitumor agents bearing pyridine-1,2,4-triazole-3-thione-hydrazone scaffold: synthesis, biological evaluation, and molecular docking investigation // Biomolecules. Basel : MDPI. ISSN 2218-273X. 2024, vol. 14, iss. 12, art. no. 1529, p. 1-19. DOI: 10.3390/biom14121529. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF:

4,800; AIF: 5,300; IF/AIF: 0,905; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 010, N 003] [Indėlis: 0,432]

8. [S1; US] **Kutraite, Ingrida; Augustiniene, Ernesta; Malys, Naglis**. Maleylpyruvic acid-inducible gene expression system and its application for the development of gentisic acid biosensors // *Analytical chemistry*. Washington, DC : American Chemical Society. ISSN 0003-2700. eISSN 1520-6882. 2024, vol. 96, iss. 47, p. 18727-18735. DOI: 10.1021/acs.analchem.4c03906. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,700; AIF: 4,200; IF/AIF: 1,595; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 1,000]
9. [S1; DE; OA] **Golcienė, Božena; Vaickelionienė, Rita**; Endriulaitytė, Ugnė; **Mickevičius, Vytautas**; Petrikaitė, Vilma. Synthesis and effect of 4-acetylphenylamine-based imidazole derivatives on migration and growth of 3D cultures of breast, prostate and brain cancer cells // *Scientific reports*. Heidelberg : Nature portfolio. ISSN 2045-2322. 2024, vol. 14, iss. 1, art. no. 28065, p. 1-16. DOI: 10.1038/s41598-024-76533-4. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,900; AIF: 5,800; IF/AIF: 0,672; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 004, M 003] [Indėlis: 0,600]
10. [S1; SE; OA] Torkelis, Artūras; Dvarionienė, Jolanta; **Denafas, Gintaras**. The factors influencing the recycling of plastic and composite packaging waste // *Sustainability*. Basel : MDPI. ISSN 2071-1050. 2024, vol. 16, iss. 21, art. no. 9515, p. 1-30. DOI: 10.3390/su16219515. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 5,700; IF/AIF: 0,578; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 004] [Indėlis: 0,333]
11. [S1; CH] **Pocienė, Odeta; Šlinkšienė, Rasa**. Properties and production assumptions of organic biofertilisers based on solid and liquid waste from the food industry // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2024, vol. 14, iss. 21, art. no. 9784, p. 1-19. DOI: 10.3390/app14219784. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,500; AIF: 5,400; IF/AIF: 0,462; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
12. [S1; DE] **Andruleviciene, Viktorija; Leitonas, Karolis; Bernard, Ronit Sebastine**; Woon, Kai Lin; **Volyniuk, Dmytro**; Sini, Gjergji; **Grazulevicius, Juozas Vidas**. A multi-functional new acceptor for ultra-broad multiple emission, long-persistence thermally activated delayed fluorescence and room temperature phosphorescence // *Advanced optical materials*. Weinheim : Wiley-VCH. ISSN 2195-1071. 2024, vol. 12, iss. 33, art. no. 2401402, p. 1-11. DOI: 10.1002/adom.202401402. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,200; AIF: 4,800; IF/AIF: 1,500; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,716]
13. [S1; GB] Leal Filho, Walter; Voronova, Viktoria; Barbir, Jelena; Moora, Harri; Kloga, Marija; **Kliučininkas, Linas**; Klavins, Maris; Tirca, Diana-Mihaela. An assessment of the scope and effectiveness of soft measures to handle plastic pollution in the Baltic Sea region // *Marine pollution bulletin*. Kidlington : Elsevier. ISSN 0025-326X. eISSN 1879-3363. 2024, vol. 209, pt. A, art. no. 117090, p. 1-10. DOI: 10.1016/j.marpolbul.2024.117090. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,900; AIF: 4,150; IF/AIF: 1,180; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 004] [Indėlis: 0,125]
14. [S1; NL] **Almonaitytė, Karolina; Bendoraitienė, Joana; Rutkaitė, Ramunė**. Optimization of synthesis of cationic starches for wastewater sludge and microalgae separation // *International journal of biological macromolecules*. Amsterdam : Elsevier. ISSN 0141-8130. eISSN 1879-0003. 2024, vol. 282, pt. 1, art. no. 136834, p. 1-14. DOI: 10.1016/j.ijbiomac.2024.136834. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,500; AIF: 5,800; IF/AIF: 1,465; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,833]
15. [S1; US; OA] Kutsiy, Stepan; **Volyniuk, Dmytro**; Sahoo, Smruti Ranjan; Ceborska, Magdalena; Wisniewska, Agnieszka; Stakhira, Pavlo; **Grazulevicius, Juozas Vidas**; Baryshnikov, Glib V; Potopnyk, Mykhaylo A. Sterically tuned ortho-phenylene-linked donor-acceptor benzothiazole-based boron difluoride complexes as thermally-activated delayed fluorescence emitters for organic light-emitting diodes // *ACS Applied materials and interfaces*. Washington, DC : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2024, vol. 16, iss. 44, p. 60633-60647. DOI: 10.1021/acsami.4c12662. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,200; AIF: 7,450; IF/AIF: 1,100; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,222]
16. [S1; CH; OA] Pidluzhna, Anna; Vembris, Aivars; Grzibovskis, Raitis; Zommere, Margarita Anna; **Bezvikonnyi, Oleksandr; Simokaitiene, Jurate; Baronaite, Melita; Volyniuk, Dmytro; Grazulevicius, Juozas V.**; Ali, Amjad; Baryshnikov, Glib; Ivaniuk, Khrystyna; **Starykov, Hryhorii**; Stakhira, Pavlo. The effect of molecular structure on the properties of fluorene derivatives for OLED applications // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2024, vol. 29, iss. 20, art. no. 4918, p. 1-13. DOI: 10.3390/molecules29204918. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 5,950; IF/AIF: 0,773; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,391]
17. [S1; NL] **Beresnevičute, Raminta; Tavgeniene, Daiva; Blazevicius, Dovydas**; Chen, Kuan-Wei; Chen, Yu-Hsuan; **Grigalevicius, Saulius**; Chang, Chih-Hao. 9-(9-Alkylcarbazol-3-yl)-3-(methoxypyridin-3-yl)carbazoles as host materials for very efficient OLEDs // *Optical materials*. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2024, vol. 157, pt. 2, art. no. 116273, p. 1-10. DOI: 10.1016/j.optmat.2024.116273. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,200; AIF: 4,800; IF/AIF: 0,875; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,574]

18. [S1; CH; OA] Zommere, Margarita Anna; Tetervienoka, Natalija; Pidluzhna, Anna; Grzibovskis, Raitis; **Blazevicius, Dovydas; Krucaite, Gintare; Tavgeniene, Daiva; Grigalevicius, Saulius;** Vembris, Aivars. Original blue light-emitting diphenyl sulfone derivatives as potential TADF emitters for OLEDs // *Coatings*. Basel : MDPI. ISSN 2079-6412. 2024, vol. 14, iss. 10, art. no. 1294, p. 1-14. DOI: 10.3390/coatings14101294. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,800; AIF: 5,466; IF/AIF: 0,512; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,444]
19. [S1; CH; OA] **Zadeike, Daiva; Gaizauskaite, Zydrune; Basinskiene, Loreta; Zvirdauskiene, Renata; Cizeikiene, Dalia.** Exploring calcium alginate-based gels for encapsulation of *Lactocaseibacillus paracasei* to enhance stability in functional breadmaking // *Gels*. Basel : MDPI. ISSN 2310-2861. 2024, vol. 10, iss. 10, art. no. 641, p. 1-18. DOI: 10.3390/gels10100641. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,300; AIF: 5,200; IF/AIF: 1,019; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
20. [S1; CH; OA] **Bronusiene, Asta; Barauskiene, Ieva;** Popov, Anton; Zsiros, Boldizsar; Farkas, Attila; Plšek, Jan; **Ancutiene, Ingrida.** The impact of thermal treatment on the structural, optical and electrochemical characteristics of tin sulfide films // *Coatings*. Basel : MDPI. ISSN 2079-6412. 2024, vol. 14, iss. 10, art. no. 1284, p. 1-16. DOI: 10.3390/coatings14101284. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,800; AIF: 5,466; IF/AIF: 0,512; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,432]
21. [S1; GB; OA] **Varnaitė-Kapočė, Laurita; Leskauskaitė, Daiva.** Effect of gelled phases on the relevance of double emulsion gels for probiotics encapsulation, rheological properties, and stability // *LWT*. Amsterdam : Elsevier. ISSN 0023-6438. eISSN 1096-1127. 2024, vol. 210, art. no. 116857, p. 1-9. DOI: 10.1016/j.lwt.2024.116857. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,600; AIF: 5,300; IF/AIF: 1,245; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
22. [S1; NL] **Grabauskaitė, Rugilė; Jūrienė, Laura; Pukalskienė, Milda; Šipailienė, Aušra;** Skurkienė, Ramunė; **Venskutonis, Petras Rimantas.** Isolation of valuable substances from berry seeds and pomace by the green high-pressure methods, their evaluation and application in cosmetic creams // *Industrial crops and products*. Amsterdam : Elsevier. ISSN 0926-6690. eISSN 1872-633X. 2024, vol. 222, pt. 2, art. no. 119729, p. 1-13. DOI: 10.1016/j.indcrop.2024.119729. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,200; AIF: 4,650; IF/AIF: 1,333; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,749]
23. [S1; NL] **Pupiute, Aiste; Čiužas, Darius; Baniukaitiene, Odeta; Tichonovas, Martynas; Martuzevicius, Dainius;** Petrikaite, Vilma; **Krugly, Edvinas.** Development of two layer fibrous scaffolds for 3D in vitro modelling: effects of morphology and surface properties on cell proliferation, adhesion and drug sensitivity // *Journal of drug delivery science and technology*. Amsterdam : Elsevier. ISSN 1773-2247. eISSN 2588-8943. 2024, vol. 101, pt. A, art. no. 106213, p. 1-14. DOI: 10.1016/j.jddst.2024.106213. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,900; AIF: 4,300; IF/AIF: 1,139; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, T 004, N 003, M 003] [Indėlis: 0,645]
24. [S1; GB] **Gineika, Andrius; Baltakys, Kęstutis; Navaruckienė, Auksė; Ostrauskaitė, Jolita;** Skliutas, Edvinas; Malinauskas, Mangirdas. The application of synthetic wollastonite in digital light processing 3D printing // *Ceramics international*. London : Elsevier. ISSN 0272-8842. eISSN 1873-3956. 2024, vol. 50, iss. 22, pt. C, p. 48106-48115. DOI: 10.1016/j.ceramint.2024.09.161. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,600; AIF: 4,500; IF/AIF: 1,244; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,668]
25. [S1; CH; OA] Todorovic, Smilja; Akpinar, Asli; Assunção, Ricardo; Bär, Cornelia; Bavaro, Simona L; Berkel Kasikci, Muzeyyen; Domínguez-Soberanes, Julieta; Capozzi, Vittorio; Cotter, Paul D; Doo, Eun-Hee; Gündüz Ergün, Burcu; Guzel, Mustafa; Harsa, Hayriye S; Hastaoglu, Emre; Humblot, Christèle; Hyseni, Bahtir; Hosoglu, Muge I; Issa, Aline; Karakaş-Budak, Barçın; Karakaya, Sibel; Kesenkas, Harun; Keyvan, Erhan; Künili, Ibrahim E; Kütt, Mary-Liis; Laranjo, Marta; Louis, Sandrine; Mantzouridou, Fani T.; Matalas, Antonia; Mayo, Baltasar; Mojsova, Sandra; Mukherjee, Arghya; Nikolaou, Anastasios; Ortakci, Fatih; Paveljšek, Diana; Perrone, Giancarlo; Pertziger, Eugenia; Santa, Dushica; Sar, Taner; Savary-Auzeloux, Isabelle; Schwab, Clarissa; Starowicz, Małgorzata; Stojanović, Marko; **Syrpas, Michail;** Tamang, Jyoti P; Yerlikaya, Oktay; Yilmaz, Birsan; Malagon-Rojas, Jeadran; Salminen, Seppo; Frias, Juana; Chassard, Christophe; Vergères, Guy. Health benefits and risks of fermented foods-the PIMENTO initiative // *Frontiers in nutrition*. Lausanne : Frontiers Media SA. ISSN 2296-861X. 2024, vol. 11, art. no. 1458536, p. 1-14. DOI: 10.3389/fnut.2024.1458536. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 5,000; IF/AIF: 1,020; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,019]
26. [S1; IE] **Krugly, Edvinas;** Bagdonas, Edvardas; Raudoniute, Jovile; **Ravikumar, Preethi; Bagdoniene, Lauryna; Ciuzas, Darius; Prasauskas, Tadas;** Aldonyte, Ruta; Gutleb, Arno C.; **Martuzevicius, Dainius.** A novel “cells-on-particles” cytotoxicity testing platform in vitro: design, characterization, and validation against engineered nanoparticle aerosol // *Toxicology*. East Park Shannom : Elsevier. ISSN 0300-483X. eISSN 1879-3185. 2024, vol. 508, art. no. 153936, p. 1-10. DOI: 10.1016/j.tox.2024.153936. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 4,100; IF/AIF: 1,121; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 004, N 010] [Indėlis: 0,600]
27. [S1; GB] **Kauneliene, Violeta;** Bagdonas, Edvardas; Aldonyte, Ruta; Raudoniute, Jovile; **Ciuzas, Darius;**

- Bagdoniene, Lauryna; Pocevičiūtė, Gailė; Prasauskas, Tadas; Krugly, Edvinas; Martuzevicius, Dainius.** Cytotoxicity of the exhaled aerosol particles from the usage of conventional cigarette and heated tobacco product as determined by a novel “Cells-on-Particles” exposure model in vitro // *Environmental pollution*. London : Elsevier. ISSN 0269-7491. eISSN 1873-6424. 2024, vol. 361, art. no. 124870, p. 1-12. DOI: 10.1016/j.envpol.2024.124870. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 7,300; AIF: 5,500; IF/AIF: 1,327; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 004, N 010] [Indėlis: 0,700]
28. [S1; NL] **Bytautaitė, Meda; Kitrytė-Syrpa, Vaida;** Jonutė, Paulina; Endriulaitytė, Ugnė; Petrikaitė, Vilma; **Syrpas, Michail.** Short-chain fructooligosaccharides synthesis using a commercial enzyme complex from *Aspergillus* sp. and anti-cancer activity on HCT116 and HT-29 cell lines // *Food bioscience*. Amsterdam : Elsevier. ISSN 2212-4292. eISSN 2212-4306. 2024, vol. 61, art. no. 104995, p. 1-11. DOI: 10.1016/j.fbio.2024.104995. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,900; AIF: 5,300; IF/AIF: 1,113; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, M 003] [Indėlis: 0,502]
 29. [S1; NL] **Vaičiukynaitė, Klaudija; Žalėnė, Skirma; Ancutienė, Ingrida; Ivanauskas, Remigijus.** Structural, morphological, compositional and optical properties of CoS₂ thin films synthesized by adsorption-diffusion method // *Current applied physics*. Amsterdam : Elsevier. ISSN 1567-1739. eISSN 1878-1675. 2024, vol. 68, p. 1-11. DOI: 10.1016/j.cap.2024.08.004. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,100; AIF: 5,700; IF/AIF: 0,543; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
 30. [S1; US; OA] Yousef, Samy; **Stasiulaitienė, Inga.** Life cycle assessment of recycling metallised food packaging plastics using mechanical, thermal and chemical processes // *Heliyon*. Cambridge, MA : Cell press. ISSN 2405-8440. 2024, vol. 10, iss. 16, art. no. e36547, p. 1-12. DOI: 10.1016/j.heliyon.2024.e36547. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,600; AIF: 5,800; IF/AIF: 0,620; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 004, T 008] [Indėlis: 0,500]
 31. [S1; FR; OA] **Varvuolytė, Gabrielė;** Řezníčková, Eva; **Krikštolė, Sonata; Tamulienė, Rasa; Bieliauskas, Aurimas;** Malina, Lukáš; Vojáčková, Veronika; Duben, Zdenko; Kolářová, Hana; **Kleizienė, Neringa; Arbačiauskienė, Eglė;** Žukauskaitė, Asta; Kryštof, Vladimír; **Šačkus, Algirdas.** Synthesis and photo-induced anticancer activity of new 2-phenylethenyl-1H-benzo[e]indole dyes // *European journal of medicinal chemistry*. Issy-les-Moulineaux : Elsevier Masson SAS. ISSN 0223-5234. eISSN 1768-3254. 2024, vol. 277, art. no. 116777, p. 1-14. DOI: 10.1016/j.ejmech.2024.116777. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,900; AIF: 4,500; IF/AIF: 1,311; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,503]
 32. [S1; US; OA] **Biškauskaitė, Renata;** Lee, Wen-Chien; **Valeika, Virgilijus.** Crude proteolytic enzyme from *Bacillus halodurans* BCRC 910501 and its application in leather processing // *Heliyon*. Cambridge, MA : Cell press. ISSN 2405-8440. 2024, vol. 10, iss. 16, e35842, p. 1-10. DOI: 10.1016/j.heliyon.2024.e35842. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,600; AIF: 5,800; IF/AIF: 0,620; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,900]
 33. [S1; US] **Bartkuvienė, Ieva; Keršienė, Milda;** Petrikaitė, Vilma; **Leskauskaitė, Daiva.** Modulation of pea protein isolate hydrogels by adding kappa-carrageenan: gelling properties and formation mechanism // *International journal of food science and technology*. Hoboken, NJ : John Wiley & sons. ISSN 0950-5423. eISSN 1365-2621. 2024, vol. 59, iss. 9, p. 6598-6610. DOI: 10.1111/ijfs.17413. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,100; AIF: 5,300; IF/AIF: 0,584; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005, M 003] [Indėlis: 0,750]
 34. [S1; GB; OA] **Jūrienė, Laura; Morkūnienė, Vita; Venskutonis, Petras Rimantas.** Supercritical CO₂ extraction of valuable lipophilic compounds from pre-fractionated sour cherry pomace and evaluation of their composition and properties // *Journal of CO₂ utilization*. London : Elsevier. ISSN 2212-9820. eISSN 2212-9839. 2024, vol. 85, art. no. 102890, p. 1-10. DOI: 10.1016/j.jcou.2024.102890. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 8,400; AIF: 6,700; IF/AIF: 1,253; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 35. [S1; US; OA] **Stanitska, Mariia; Keruckienė, Rasa;** Sini, Gjergji; **Volyniuk, Dmytro;** Marsalka, Arunas; Shi, Zhong-En; Liu, Chung-Ming; Lin, Yan-Ru; Chen, Chih-Ping; **Grazulevicius, Juozas V.** Exploring the charge-transport and optical characteristics of organic doublet radicals: a theoretical and experimental study with photovoltaic applications // *ACS Applied materials and interfaces*. Washington : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2024, vol. 16, iss. 31, p. 41230-41243. DOI: 10.1021/acsami.4c08524. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,200; AIF: 7,450; IF/AIF: 1,100; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 008, T 005, N 002] [Indėlis: 0,400]
 36. [S1; GB] **Kurapkienė, Aušrinė; Vinauskienė, Rimantė; Jasutienė, Ina; Keršienė, Milda;** Damulevičienė, Gytė; Knašienė, Jurgita; Lesauskaitė, Vita; Sulmont-Rossé, Claire; **Eisinaitytė, Viktorija; Leskauskaitė, Daiva.** Bigel as a curcumin delivery system and its application in 3D-printed in-between-meal foods to boost the immune system of elderly people // *Food bioscience*. Amsterdam : Elsevier. ISSN 2212-4292. eISSN 2212-4306. 2024, vol. 61, art. no. 104789, p. 1-8. DOI: 10.1016/j.fbio.2024.104789. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,900; AIF: 5,300; IF/AIF: 1,113; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, M 005] [Indėlis: 0,600]

37. [S1; CH; OA] **Savickienė, Viktorija; Bieliauskas, Aurimas; Belyakov, Sergey; Arbačiauskienė, Eglė; Šačkus, Algirdas**. Multicomponent synthesis of new fluorescent boron complexes derived from 3-hydroxy-1-phenyl-1H-pyrazole-4-carbaldehyde // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2024, vol. 29, iss. 14, art. no. 3432, p. 1-15. DOI: 10.3390/molecules29143432. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 5,950; IF/AIF: 0,773; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,800]
38. [S1; GB; OA] Juneja, Nimish; **Jegorovė, Aistė; Grzibovskis, Raitis; Katerski, Atanas; Daskeviciene, Maryte; Malinauskas, Tadas; Vembris, Aivars; Karazhanov, Smagul; Spalatu, Nicolae; Getautis, Vytautas; Krunks, Malle; Oja Acik, Ilona**. Dopant-free fluorene based dimers linked with thiophene units as prospective hole transport materials for Sb2S3 solar cells // *Sustainable energy & fuels*. Cambridge : Royal Society of Chemistry. ISSN 2398-4902. 2024, vol. 8, iss. 18, p. 4324-4334. DOI: 10.1039/d4se00472h. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,933; IF/AIF: 0,591; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,332]
39. [S1; US] Gkeka, Despoina; Hamilton, Iain; Stavridis, Thalís; Liu, Zhongzhe; Faber, Hendrik; Naphade, Dipti; **Marčinskas, Mantas; Malinauskas, Tadas; Harrison, George; Adilbekova, Begimai; Maksudov, Temur; Yuan, Yue; Kaltsas, Dimitrios; Tsetseris, Leonidas; Getautis, Vytautas; Lanza, Mario; Patsalas, Panos; Fatayer, Shadi; Anthopoulos, Thomas D**. Tuning hole-injection in organic-light emitting diodes with self-assembled monolayers // *ACS Applied materials and interfaces*. Washington : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2024, vol. 16, iss. 30, p. 39728-39736. DOI: 10.1021/acsami.4c08088. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,200; AIF: 7,450; IF/AIF: 1,100; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,156]
40. [S1; CH; OA] **Sidaraite, Ramune; Baltakys, Kestutis; Jaskunas, Andrius; Naslenas, Nedas; Slavinskas, Darius; Slavinskas, Edvinas; Dambrauskas, Tadas**. Kinetic study and catalytic activity of Cr3+ catalyst supported on calcium silicate hydrates for VOC oxidation // *Materials*. Basel : MDPI. ISSN 1996-1944. 2024, vol. 17, iss. 14, art. no. 3489, p. 1-16. DOI: 10.3390/ma17143489. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,200; AIF: 6,140; IF/AIF: 0,521; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,716]
41. [S1; DE; OA] **Varvuolytė, Gabrielė; Řezníčková, Eva; Bieliauskas, Aurimas; Kleizienė, Neringa; Vojáčková, Veronika; Opichalová, Alena; Žukauskaitė, Asta; Kryštof, Vladimír; Šačkus, Algirdas**. Synthesis and photodynamic activity of new 5[(E)-2(3alkoxyphenyl)-1H-pyrazol-4-yl]ethenyl-2-phenyl-1H-indoles // *Archiv der Pharmazie*. Weinheim : Wiley-VCH. ISSN 0365-6233. eISSN 1521-4184. 2024, vol. 37, iss. 10, art. no. e2400282, p. 1-20. DOI: 10.1002/ardp.202400282. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,600; AIF: 5,133; IF/AIF: 0,701; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,445]
42. [S1; CH; OA] **Kavaliauskas, Povilas; Grybaitė, Birutė; Sapijanskaite-Banevič, Birute; Anusevičius, Kazimieras; Jonuškienė, Ilona; Stankevičienė, Rima; Petraitienė, Rūta; Petraitis, Vidmantas; Grigalevičiūtė, Ramunė; Meškinytė, Editā; Stankevičius, Rolandas; Mickevičius, Vytautas**. Identification of 3-((4-hydroxyphenyl)amino)propanoic acid derivatives as anticancer candidates with promising antioxidant properties // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2024, vol. 29, iss. 13, art. no. 3125, p. 1-14. DOI: 10.3390/molecules29133125. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 5,950; IF/AIF: 0,773; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 003, N 010] [Indėlis: 0,522]
43. [S1; GB] **Bezvikonnyi, Oleksandr; Durgaryan, Ranush; Tamulevicius, Tomas; Volyniuk, Dmytro; Jurkeviciute, Ausrine; Simokaitiene, Jurate; Danyliv, Yan; Vardanyan, Shushanna; Macionis, Simas; Grazulevicius, Juozas Vidas**. Effects of carbazolyl and diphenylamino substituents bearing methoxy groups on the performance of hole-transporting materials in OLEDs // *Spectrochimica acta Part A: Molecular and biomolecular spectroscopy*. Kidlington : Elsevier. ISSN 1386-1425. eISSN 1873-3557. 2024, vol. 321, art. no. 124713, p. 1-10. DOI: 10.1016/j.saa.2024.124713. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 2,700; IF/AIF: 1,703; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 002, T 008] [Indėlis: 0,534]
44. [S1; US; OA] Bali, Aditya; Zabulionė, Aelita; Pravin Kumar, Shreya; **Liudvinavičiūtė, Dovilė; Pečiulytė, Laura; Rutkaitė, Ramunė; Ertbjerg, Per; Šalaševičienė, Alviija**. Effects of extrusion conditions on the morphological, functional, and sensory properties of soy press cake extrudates // *Heliyon*. Cambridge, MA : Elsevier. ISSN 2405-8440. 2024, vol. 10, iss. 12, art. no. e32614, p. 1-11. DOI: 10.1016/j.heliyon.2024.e32614. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,600; AIF: 5,800; IF/AIF: 0,620; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,375]
45. [S1; GB] **Starykov, Hryhorii; Bezvikonnyi, Oleksandr; Sych, Galyna; Simokaitiene, Jurate; Volyniuk, Dmytro; Lazauskas, Algirdas; Grazulevicius, Juozas Vidas**. Effects of donor substituents on the conformational heterogeneity, photophysical, mechanochromic and electroluminescent properties of the donor-substituted fluorine-containing triphenylpyrimidines // *Spectrochimica acta Part A: Molecular and biomolecular spectroscopy*. Kidlington : Elsevier. ISSN 1386-1425. eISSN 1873-3557. 2024, vol. 321, art. no. 124668, p. 1-16. DOI: 10.1016/j.saa.2024.124668. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 2,700; IF/AIF: 1,703; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,787]

46. [S1; US; OA] **Butkute, Rita; Masiulyte, Ausrine; Rashid, Ehsan Ullah; Sargsyan, Svetlana; Moudgalya, Neelalohith Satish; Leitonas, Karolis; Volyniuk, Dmytro; Grazulevicius, Juozas V.** Ultralow dark current density of organic photodetectors and organic light-emitting diodes endowed by highly thermally stable derivatives of 2,7-Di-tert-butyl-9,9-dimethyl-9,10-dihydroacridine and phenanthroimidazole exhibiting balanced bipolar charge transport // *ACS Applied electronic materials*. Washington : American Chemical Society. eISSN 2637-6113. 2024, vol. 6, iss. 6, p. 4735-4745. DOI: 10.1021/acsaelm.4c00746. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,700; AIF: 5,350; IF/AIF: 0,878; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,875]
47. [S1; US; OA] **Bezvikonnyi, Oleksandr; Bucinskas, Audrius; Arsenyan, Pavel; Petrenko, Alla; Wei, Zheng-Yu; Lee, Jiun-Haw; Volyniuk, Dmytro; Rashid, Ehsan Ullah; Chiu, Tien-Lung; Grazulevicius, Juozas Vidas.** Enhancement of blue doping-free and hyperfluorescent organic light emitting diode performance through triplet-triplet annihilation in the derivatives of anthracene and carbazole // *ACS Applied electronic materials*. Washington : American Chemical Society. ISSN 2637-6113. 2024, vol. 6, iss. 6, p. 4489-4503. DOI: 10.1021/acsaelm.4c00533. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,700; AIF: 5,350; IF/AIF: 0,878; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,450]
48. [S1; CH; OA] **Răpă, Maria; Gaidau, Carmen; Ștefan, Laura Mihaela; Lazea-Stoyanova, Andrada; Berechet, Mariana Daniela; Iosageanu, Andreea; Matei, Ecaterina; Jankauskaitė, Virginija; Predescu, Cristian; Valeika, Virgilijus; Balčiūnaitienė, Aistė; Cupara, Snezana.** Donkey gelatin and keratin nanofibers loaded with antioxidant agents for wound healing dressings // *Gels*. Basel : MDPI. ISSN 2310-2861. 2024, vol. 10, iss. 6, art. no. 391, p. 1-23. DOI: 10.3390/gels10060391. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,300; AIF: 5,200; IF/AIF: 1,019; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,170]
49. [S1; CH; OA] **Šiugždaitė, Jūratė; Lelešius, Raimundas; Grybaitė, Birutė; Vaickelionienė, Rita; Mickevičius, Vytautas.** Synthesis and biological studies of new 2-benzoxazolinone derivatives as antibacterial agents // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2024, vol. 14, iss. 11, art. no. 4783, p. 1-21. DOI: 10.3390/app14114783. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,500; AIF: 5,400; IF/AIF: 0,462; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003, A 002] [Indėlis: 0,600]
50. [S1; US; OA] **Dabulienė, Asta; Shi, Zhong-En; Leitonas, Karolis; Lung, Chien-Yu; Volyniuk, Dmytro; Kaur, Khushdeep; Matulis, Vitaly; Lyakhov, Dmitry; Michels, Dominik; Chen, Chih-Ping; Grazulevicius, Juozas Vidas.** Enhancement of efficiency of perovskite solar cells with hole-selective layers of rationally designed thiazolo[5,4-d]thiazole derivatives // *ACS Applied materials and interfaces*. Washington : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2024, vol. 16, iss. 23, p. 30239-30254. DOI: 10.1021/acsaami.4c04105. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,200; AIF: 7,450; IF/AIF: 1,100; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,460]
51. [S1; GB] **Jamel, Nor Shafiq Mohd; Lin, Woon Kai; AbdWahab, Muhammad Kumayl; Volyniuk, Dmytro; Gužauskas, Matas; Supangat, Azzuliani; Nordin, Nurdiana; Nasir, FH Abd; Ghasemi, Melika; Bareikaite, Kamile; Monkman, Andrew; Seng, Tan Yee; Hing, Goh Bey; Grazulevicius, Juozas Vidas; Ariffin, Azhar.** Effect of fluorination on the properties of 9,9'-(sulfonylbis(4,1-phenylene))bis(3-(tert-butyl)-6-fluoro-9H-carbazole) as host for thermally activated delayed fluorescent emitters // *ChemPhotoChem*. Weinheim : Wiley-VCH. ISSN 2367-0932. 2024, vol. 8, iss. 10, art. no. e202400138, p. 1-13. DOI: 10.1002/cptc.202400138. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,000; AIF: 7,500; IF/AIF: 0,400; Q3 (2024, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,264]
52. [S1; GB] **Abromaitis, V.; Oghenetejiro, O.A.M.A.; Sulciute, A.; Urniezaite, I.; Sinkeviciute, D.; Zmuidzinaviciene, N.; Jankunaite, D.; Dzingeleveciene, R.; Baranauskis, K.; Martuzevicius, D.** TiO2 nanotube arrays photocatalytic ozonation for the removal of antibiotic ciprofloxacin from the effluent of a domestic wastewater treatment plant: towards the process upscaling // *Journal of water process engineering*. Amsterdam : Elsevier. ISSN 2214-7144. 2024, vol. 63, art. no. 105457, p. 1-13. DOI: 10.1016/j.jwpe.2024.105457. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 6,700; AIF: 6,900; IF/AIF: 0,971; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003, T 004, T 005] [Indėlis: 0,800]
53. [S1; CH; OA] **Tamašauskaitė, Laura; Minelgaitė, Vidmantė; Šipailienė, Aušra; Vinauskienė, Rimantė; Eisinaitė, Viktorija; Leskauskaitė, Daiva.** Bigel matrix loaded with probiotic bacteria and prebiotic dietary fibers from berry pomace suitable for the development of probiotic butter spread product // *Gels*. Basel : MDPI. ISSN 2310-2861. 2024, vol. 10, iss. 5, art. no. 349, p. 1-16. DOI: 10.3390/gels10050349. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,300; AIF: 5,200; IF/AIF: 1,019; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
54. [S1; GB] **Krucaite, Gintare; Tavgeniene, Daiva; Kirstukas, Mantas; Grigalevicius, Saulius; Lin, Ming-Jun; Hong, Jian-Sheng; Chang, Chih-Hao.** Blue aggregation-induced emission bipolar materials consisting of diphenylsulfone or benzophenone core and triphenylethene-carbazole fragments for highly efficient OLEDs // *Dyes and pigments*. London : Elsevier. ISSN 0143-7208. eISSN 1873-3743. 2024, vol. 228, art. no. 112231, p. 1-7. DOI: 10.1016/j.dyepig.2024.112231. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,200; AIF: 5,700; IF/AIF: 0,736; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,574]
55. [S1; GB; OA] **Svirskaitė, Lauryna Monika; Kasparavičius, Ernestas; Steponaitis, Matas; Grzibovskis,**

- Raitis; Franckevičius, Marius; Katerski, Atanas; Naujokaitis, Arnas; Karazhanov, Smagul; Gopi, Sajeesh Vadakkedath; Aizstrauts, Arturs; Vembris, Aivars; **Getautis, Vytautas; Malinauskas, Tadas**. Fluorene- and fluorenone-based molecules as electron-transporting SAMs for photovoltaic devices // RSC Advances. Cambridge : Royal Society of Chemistry. ISSN 2046-2069. 2024, vol. 14, iss. 21, p. 14973-14981. DOI: 10.1039/d4ra00964a. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 6,600; IF/AIF: 0,696; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,392]
56. [S1; CH; OA] **Navikaite-Snipaitiene, Vesta; Spirikavice, Kamile**; Siugzdaite, Jurate; Grigonyte, Egle Beatrice; **Rutkaite, Ramune**. Preparation and biological activity studies of octenyl succinic anhydride starch-based emulsions containing natural essential oils and their components // Applied sciences. Basel : MDPI. ISSN 2076-3417. 2024, vol. 14, iss. 10, art. no. 4050, p. 1-16. DOI: 10.3390/app14104050. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,500; AIF: 5,400; IF/AIF: 0,462; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005, A 002] [Indėlis: 0,600]
 57. [S1; GB; OA] **Daskeviciute-Geguziene, Sarune; Daskeviciene, Maryte; Kantminienė, Kristina**; Jankauskas, Vygingtas; Kamarauskas, Egidijus; Gruodis, Alytis; Karazhanov, Smagul; **Getautis, Vytautas**. Design, synthesis and theoretical simulations of novel spiroindane-based enamines as p-type semiconductors // Royal Society Open science. London : Royal Society. ISSN 2054-5703. 2024, vol. 11, iss. 5, art. no. 232019, p. 1-11. DOI: 10.1098/rsos.232019. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 2,900; AIF: 5,800; IF/AIF: 0,500; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,500]
 58. [S1; CH; OA] Jorkesh, Alireza; Rothenberger, Sylvia; Baldassar, Laura; **Grybaite, Birute; Kavaliauskas, Povilas; Mickevicius, Vytautas**; Dettin, Monica; Vascon, Filippo; Cendron, Laura; Pasquato, Antonella. Screening of small-molecule libraries using SARS-CoV-2-derived sequences identifies novel Furin inhibitors // International journal of molecular sciences : MDPI. ISSN 1422-0067. eISSN 1422-0067. 2024, vol. 25, iss. 10, art. no. 5079, p. 1-21. DOI: 10.3390/ijms25105079. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,900; AIF: 5,950; IF/AIF: 0,823; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,220]
 59. [S1; NL] Vaičiukynienė, Danutė; Kantautas, Aras; Nizevičienė, Dalia; Vaičiukynas, Vilimantas; **Alaburdaitė, Rasa**. Utilization of polypropylene waste and zeolitic by-product in composite materials // Materials letters. Amsterdam : Elsevier. ISSN 0167-577X. eISSN 1873-4979. 2024, vol. 367, art. no. 136563, p. 1-4. DOI: 10.1016/j.matlet.2024.136563. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,700; AIF: 5,700; IF/AIF: 0,473; Q3 (2024, InCites JCR SCIE)] [M.kr.: T 002, T 001, N 003] [Indėlis: 0,200]
 60. [S1; NL] Yousef, Samy; Eimontas, Justas; Zakarauskas, Kęstutis; **Stasiulaitienė, Inga**; Jančauskas, Adolfas; Striūgas, Nerijus. Steamoxygen gasification of surgical mask waste in an updraft fixed bed gasifier system and its life-cycle assessment // Waste and biomass valorization. Dordrecht : Springer. ISSN 1877-2641. eISSN 1877-265X. 2024, vol. 15, p. 5235-5248. DOI: 10.1007/s12649-024-02508-1. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,800; AIF: 5,500; IF/AIF: 0,509; Q3 (2024, InCites JCR SCIE)] [M.kr.: T 004, T 008, T 006] [Indėlis: 0,166]
 61. [S1; CH; OA] Grzibovskis, Raitis; Aizstrauts, Arturs; Pidluzhna, Anna; **Marcinskas, Mantas; Magomedov, Artiom**; Karazhanov, Smagul; **Malinauskas, Tadas; Getautis, Vytautas**; Vembris, Aivars. Energy-level interpretation of carbazole derivatives in self-assembling monolayer // Molecules. Basel : MDPI. ISSN 1420-3049. 2024, vol. 29, iss. 9, art. no. 1910, p. 1-10. DOI: 10.3390/molecules29091910. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,600; AIF: 5,950; IF/AIF: 0,773; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,444]
 62. [S1; NL] Kavetskyy, Taras; Smutok, Oleh; Goździuk-Gontarz, Magdalena; Zgardzińska, Bożena; Kukhazh, Yuliia; Zubrytska, Khrystyna; Hoivanovych, Nataliia; Šauša, Ondrej; Demkiv, Olha; Stasyuk, Nataliya; Gonchar, Mykhailo; **Ostrauskaitė, Jolita**; Kiv, Arnold; Katz, Evgeny. Impact of chemical composition of soybean oil and vanillin-based photocross-linked polymers on parameters of electrochemical biosensors // Microchemical journal. Amsterdam : Elsevier. ISSN 0026-265X. eISSN 1095-9149. 2024, vol. 201, art. no. 110618, p. 1-7. DOI: 10.1016/j.microc.2024.110618. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 4,200; IF/AIF: 1,214; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,071]
 63. [S1; CH; OA] **Gaizauskaite, Zydrune; Zvirdauskiene, Renata**; Svazas, Mantas; **Basinskiene, Loreta; Zadeike, Daiva**. Optimised degradation of lignocelluloses by edible filamentous fungi for the efficient biorefinery of sugar beet pulp // Polymers. Basel : MDPI. ISSN 2073-4360. 2024, vol. 16, iss. 9, art. no. 1178, p. 1-14. DOI: 10.3390/polym16091178. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,900; AIF: 5,200; IF/AIF: 0,942; Q1 (2024, InCites JCR SCIE)] [M.kr.: S 004, T 005] [Indėlis: 0,700]
 64. [S1; CH; OA] Siddiqui, Iram; Gautam, Prakash; **Blazevicius, Dovydas**; Jayakumar, Jayachandran; Lenka, Sushanta; **Tavgeniene, Daiva**; Zaleckas, Ernestas; **Grigalevicius, Saulius**; Jou, Jwo-Huei. Bicarbazole-benzophenone based twisted donor-acceptor derivatives as potential blue TADF emitters for OLEDs // Molecules. Basel : MDPI. ISSN 1420-3049. 2024, vol. 29, iss. 7, art. no. 1672, p. 1-17. DOI: 10.3390/molecules29071672. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 5,950; IF/AIF: 0,773; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003, T 004] [Indėlis: 0,333]
 65. [S1; NL] **Kaur, Khushdeep**; de Coene, Yovan; Clays, Koen; Kaur, Paramjit; Singh, Kamaljit. Nonlinear optical

- response of 1H-indene-based donor-acceptor chromophores. Influence of the higher-lying states on the first hyperpolarizability // *Journal of molecular structure*. Amsterdam : Elsevier. ISSN 0022-2860. eISSN 1872-8014. 2024, vol. 1310, art. no. 138272, p. 1-13. DOI: 10.1016/j.molstruc.2024.138272. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,700; AIF: 7,500; IF/AIF: 0,626; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,100]
66. [S1; US] Yousef, Samy; Eimontas, Justas; **Stasiulaitiene, Inga**; Zakarauskas, Kęstutis; Striugas, Nerijus. Recovery of energy and carbon fibre from wind turbine blades waste (carbon fibre/unsaturated polyester resin) using pyrolysis process and its life-cycle assessment // *Environmental research*. San Diego, CA : Elsevier. ISSN 0013-9351. eISSN 1096-0953. 2024, vol. 245, art. no. 118016, p. 1-14. DOI: 10.1016/j.envres.2023.118016. [Science Citation Index Expanded (Web of Science); Scopus; Biological Abstracts] [IF: 7,700; AIF: 4,350; IF/AIF: 1,770; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 006, T 009, T 004] [Indėlis: 0,200]
 67. [S1; DE] **Keruckiene, Rasa**; **Lekavicius, Domantas**; **Guzauskas, Matas**; **Simokaitiene, Jurate**; **Grazulevicius, Juozas V.** Effects of the introduction of tertiary amino linkages on the properties of phenothiazine derivatives as delayed emission fluorophores // *ChemPhotoChem*. Weinheim : Wiley-VCH. ISSN 2367-0932. 2024, vol. 8, iss. 8, art. no. e202400002, p. 1-8. DOI: 10.1002/cptc.202400002. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,000; AIF: 7,500; IF/AIF: 0,400; Q3 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 68. [S1; US] **Savickienė, Viktorija**; **Bieliauskas, Aurimas**; Belyakov, Sergey; **Šačkus, Algirdas**; **Arbačiauskienė, Eglė**. Synthesis and characterization of novel biheterocyclic compounds from 3alkoxy-1H-pyrazole-4-carbaldehydes via multicomponent reactions // *Journal of heterocyclic chemistry*. Hoboken, NJ : Wiley. ISSN 0022-152X. eISSN 1943-5193. 2024, vol. 61, iss. 6, p. 927-947. DOI: 10.1002/jhet.4804. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,400; AIF: 3,700; IF/AIF: 0,648; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,800]
 69. [S1; CH; OA] **Kaminskas, Rimvydas**; **Eisinas, Anatolijus**; **Barauskas, Irmantas**; **Gaivenis, Motiejus**. Hydrothermally treated biomass fly ash as an additive for portland cement // *Sustainability*. Basel : MDPI. ISSN 2071-1050. 2024, vol. 16, iss. 7, art. no. 2754, p. 1-15. DOI: 10.3390/su16072754. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 5,700; IF/AIF: 0,578; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 70. [S1; US; OA] **Kavaliauskas, Povilas**; Acevedo, Waldo; Garcia, Andrew; Naing, Ethan; **Grybaite, Birute**; **Sapijanskaite-Banevic, Birute**; Grigaleviciute, Ramune; Petraitiene, Ruta; **Mickevicius, Vytautas**; Petraitis, Vidmantas. Exploring the potential of bis(thiazol-5-yl)phenylmethane derivatives as novel candidates against genetically defined multidrug-resistant *Staphylococcus aureus* // *PLOS One*. San Francisco, CA : Public Library of Science. ISSN 1932-6203. 2024, vol. 19, iss. 3, art. no. e0300380, p. 1-25. DOI: 10.1371/journal.pone.0300380. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 2,600; AIF: 5,800; IF/AIF: 0,448; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,325]
 71. [S1; US; OA] Utomo, Drajad S.; **Svirskaitė, Lauryna M.**; Prasetyo, Adi; **Malinauskiene, Vida**; Dally, Pia; Aydin, Erkan; Musiienko, Artem; **Getautis, Vytautas**; **Malinauskas, Tadas**; Azmi, Randi; Wolf, Stefaan De. Nonfullerene self-assembled monolayers as electron-selective contacts for n-i-p perovskite solar cells // *ACS Energy letters*. Washington : American Chemical Society. ISSN 2380-8195. 2024, vol. 9, p. 1682-1692. DOI: 10.1021/acsenergylett.4c00306. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 18,200; AIF: 7,220; IF/AIF: 2,520; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,360]
 72. [S1; NL] Čiužas, Darius; **Krugly, Edvinas**; Petrikaitė, Vilma. The fabrication method impacts biological properties of microfibrillar three-dimensional in vitro cell culture scaffolds and their applications in drug screening // *Materials today communications*. Amsterdam : Elsevier. ISSN 2352-4928. eISSN 2352-4928. 2024, vol. 39, art. no. 108707, p. 1-11. DOI: 10.1016/j.mtcomm.2024.108707. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,500; AIF: 6,100; IF/AIF: 0,737; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 004, N 010] [Indėlis: 0,333]
 73. [S1; CH; OA] **Saunoryte, Evelina**; **Navaruckiene, Aukse**; **Grauzeliene, Sigita**; Bridziuvienė, Danguolė; Raudonienė, Vita; **Ostrauskaite, Jolita**. Glycerol acrylate-based photopolymers with antimicrobial and shape-memory properties // *Polymers*. Basel : MDPI. ISSN 2073-4360. 2024, vol. 16, iss. 6, art. no. 862, p. 1-12. DOI: 10.3390/polym16060862. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,900; AIF: 5,200; IF/AIF: 0,942; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 010] [Indėlis: 0,668]
 74. [S1; CH; OA] **Starykov, Hryhorii**; **Bezvikonnyi, Oleksandr**; **Leitonas, Karolis**; **Simokaitiene, Jurate**; **Volyniuk, Dmytro**; **Skuodis, Eigirdas**; **Keruckiene, Rasa**; **Grazulevicius, Juozas Vidas**. Derivatives of phenyl pyrimidine and of the different donor moieties as emitters for OLEDs // *Materials*. Basel : MDPI. ISSN 1996-1944. 2024, vol. 17, iss. 6, art. no. 1357, p. 1-18. DOI: 10.3390/ma17061357. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,200; AIF: 6,140; IF/AIF: 0,521; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 002, T 008] [Indėlis: 0,938]
 75. [S1; US] **Kurapkienė, Aušrinė**; **Vinauskienė, Rimantė**; **Jasutienė, Ina**; Damulevičienė, Gytė; Knašienė, Jurgita; Lesauskaitė, Vita; Sulmont-Rosse, Claire; **Eisinaitytė, Viktorija**; **Leskauskaitė, Daiva**. One-bite sized 3D printed finger foods, oriented to malnutrition, sarcopenia, and frailty prevention in the older people // *Journal of*

the science of food and agriculture. Hoboken, NJ : Wiley. ISSN 0022-5142. eISSN 1097-0010. 2024, vol. 104, iss. 10, p. 6289-6297. DOI: 10.1002/jsfa.13463. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,500; AIF: 5,333; IF/AIF: 0,656; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, M 005] [Indėlis: 0,556]

76. [S1; US; OA] **Usoviene, Egle; Griskonis, Egidijus**. Copper sulfide and graphite felt composites as promising electrode materials for sodium-ion batteries // ACS Applied materials and interfaces. Washington : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2024, vol. 16, iss. 12, p. 14781-14788. DOI: 10.1021/acsami.3c18260. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,200; AIF: 7,450; IF/AIF: 1,100; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 1,000]
77. [S1; US; OA] **Stanitska, Mariia**; Pokhodylo, Nazariy; Lytvyn, Roman; **Urbanas, Ervinas; Volyniuk, Dmytro**; Kutsiy, Stepan; Ivaniuk, Khrystyna; Kinzhbalo, Vasyi; Stakhira, Pavlo; Keruckiene, Rasa; Obushak, Mykola; **Gražulevičius, Juozas Vidas**. Effects of electron-withdrawing strengths of the substituents on the properties of 4-(carbazolyl-R-benzoyl)-5-CF₃-1H-1,2,3-triazole derivatives as blue emitters for doping-free electroluminescence devices // ACS Omega. Washington : American Chemical Society. ISSN 2470-1343. 2024, vol. 9, iss. 12, p. 14613-14626. DOI: 10.1021/acsomega.4c01077. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,300; AIF: 6,600; IF/AIF: 0,651; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,293]
78. [S1; CH; OA] **Šleiniūtė, Agnė; Mumladze, Tamari; Denafas, Gintaras**; Makarevičius, Vidas; Kriūkienė, Rita; Antonov, Maksim; Vasarevičius, Saulius. Mechanical properties of polymers recovered from multilayer food packaging by nitric acid // Sustainability. Basel : MDPI. ISSN 2071-1050. 2024, vol. 16, iss. 5, art. no. 2106, p. 1-17. DOI: 10.3390/su16052106. [Social Sciences Citation Index (Web of Science); Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 5,700; IF/AIF: 0,578; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 008, T 004] [Indėlis: 0,290]
79. [S1; CH; OA] **Kavaliauskas, Povilas; Grybaitė, Birutė; Sapijanskaitė-Banevič, Birutė; Vaickelionienė, Rita**; Petraitis, Vidmantas; Petraitienė, Rūta; Naing, Ethan; Garcia, Andrew; Grigalevičiūtė, Ramunė; **Mickevičius, Vytautas**. Synthesis of 3-((4-hydroxyphenyl)amino)propanoic acid derivatives as promising scaffolds for the development of antimicrobial candidates targeting multidrug-resistant bacterial and fungal pathogens // Antibiotics. Basel : MDPI. ISSN 2079-6382. 2024, vol. 13, iss. 2, art. no. 193, p. 1-24. DOI: 10.3390/antibiotics13020193. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 4,000; IF/AIF: 1,150; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,420]
80. [S1; US; OA] **Jeznienė, Sigita**; Bružaitė, Ingrida; **Šipailienė, Aušra**. Application of biomacromolecules encapsulation systems for the long-term storage of Lactobacillus plantarum F1 and Lactobacillus reuteri 182 // Heliyon. Cambridge, MA : Cell press. ISSN 2405-8440. 2024, vol. 10, iss. 5, art. no. e26566, p. 1-10. DOI: 10.1016/j.heliyon.2024.e26566. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,600; AIF: 5,800; IF/AIF: 0,620; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003, T 005] [Indėlis: 0,667]
81. [S1; CH; OA] **Blazevicius, Dovydas; Grigalevicius, Saulius**. A review of benzophenone-based derivatives for organic light-emitting diodes // Nanomaterials. Basel : MDPI. ISSN 2079-4991. 2024, vol. 14, iss. 4, art. no. 356, p. 1-35. DOI: 10.3390/nano14040356. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,300; AIF: 6,700; IF/AIF: 0,641; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
82. [S1; CH; OA] **Šlinkšienė, Rasa; Paleckienė, Rasa**; Gaidė, Ieva; Makarevičienė, Violeta; Sendžikienė, Eglė. The regeneration of dolomite as a heterogeneous catalyst for biodiesel production // Catalysts. Basel : MDPI. ISSN 2073-4344. 2024, vol. 14, iss. 2, art. no. 139, p. 1-12. DOI: 10.3390/catal14020139. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,000; AIF: 7,500; IF/AIF: 0,533; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 012, T 004] [Indėlis: 0,400]
83. [S1; US; OA] **Petrulevicius, Julius**; Yang, Yi; Liu, Cheng; **Steponaitis, Matas**; Kamarauskas, Egidijus; **Daskeviciene, Maryte**; Bati, Abdulaziz S.R.; **Malinauskas, Tadas**; Jankauskas, Vyngintas; **Rakstys, Kasparas**; Kanatzidis, Mercouri G.; Sargent, Edward H.; **Getautis, Vytautas**. Asymmetric triphenylethylene-based hole transporting materials for highly efficient perovskite solar cells // ACS Applied materials and interfaces. Washington : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2024, vol. 16, iss. 6, p. 7310-7316. DOI: 10.1021/acsami.3c17811. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,200; AIF: 7,450; IF/AIF: 1,100; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,468]
84. [S1; NL] **Dambrauskas, T.; Baltakys, K.** Synthesis and properties of catalyst based on semicrystalline calcium silicate hydrate with intercalated Co²⁺, Cu²⁺, and Cr³⁺ ions // Surfaces and Interfaces. Amsterdam : Elsevier. ISSN 2468-0230. 2024, vol. 46, art. no. 104002, p. 1-10. DOI: 10.1016/j.surfin.2024.104002. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,300; AIF: 6,250; IF/AIF: 1,008; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
85. [S1; CH; OA] **Kairytė, Karolina; Vaickelionienė, Rita; Grybaitė, Birutė; Anusevičius, Kazimieras; Mickevičius, Vytautas**; Petrikaitė, Vilma. The effect of 4-(dimethylamino)phenyl-5-oxopyrrolidines on breast and pancreatic cancer cell colony formation, migration, and growth of tumor spheroids // International journal of molecular sciences. Basel : MDPI. ISSN 1661-6596. eISSN 1422-0067. 2024, vol. 25, iss. 3, art. no. 1834, p. 1-23. DOI: 10.3390/ijms25031834. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF:

4,900; AIF: 5,950; IF/AIF: 0,823; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003, M 003] [Indėlis: 0,834]

86. [S1; EE; OA] **Biškauskaitė, Renata; Miškūnaitė, Liviija**; Plavan, Victoriia; **Valeika, Virgilijus**. Hydrolysis of used leather and application of hydrolysates // Proceedings of the Estonian Academy of Sciences. Tallinn : Estonian Academy publishers. ISSN 1736-6046. eISSN 1736-7530. 2024, vol. 73, iss. 1, p. 60-67. DOI: 10.3176/proc.2024.1.07. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 0,700; AIF: 5,800; IF/AIF: 0,120; Q3 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,900]
87. [S1; GB; OA] Danyliv, Iryna; Danyliv, Yan; **Stanitska, Mariia; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro**; Lytvyn, Roman; Horak, Yuriy; Matulis, Vitaly; Lyakhov, Dmitry; Michels, Dominik; Stakhira, Pavlo; **Grazulevicius, Juozas Vidas**. Effects of the nature of donor substituents on the photophysical and electroluminescence properties of derivatives of perfluorobiphenyl: donor-acceptor versus donor-acceptor-donor type AIEE/TADF emitters // Journal of materials chemistry C. Cambridge : Royal Society of Chemistry. ISSN 2050-7534. eISSN 2050-7526. 2024, vol. 12, iss. 8, p. 2911-2925. DOI: 10.1039/d3tc04633h. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 5,700; IF/AIF: 0,894; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 002, T 005] [Indėlis: 0,250]
88. [S1; US] Miraqyan, N.A.; **Durgaryan, R.S.**; Durgaryan, N.A. Synthesis and investigation of methyl and methoxy groups containing polyaniline derivatives in organic medium // Polymer bulletin. New York : Springer. ISSN 0170-0839. eISSN 1436-2449. 2024, vol. 81, p. 8901-8915. DOI: 10.1007/s00289-023-05100-0. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,000; AIF: 5,200; IF/AIF: 0,769; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 008] [Indėlis: 0,166]
89. [S1; GB; OA] **Jegorovė, Aistė; Daškevičienė, Marytė; Kantminienė, Kristina**; Jankauskas, Vygtintas; Čepas, Romualdas Jonas; Gruodis, Alytis; **Getautis, Vytautas**; Genevičius, Kristijonas. New fluorene-based bipolar charge transporting materials // RSC Advances. Cambridge : Royal Society of Chemistry. ISSN 2046-2069. 2024, vol. 14, iss. 5, p. 2975-2982. DOI: 10.1039/d3ra07583d. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 6,600; IF/AIF: 0,696; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,500]
90. [S1; AT] **Gudelis, Emilis; Bieliauskas, Aurimas**; Gruškienė, Rūta; **Martynaitis, Vytas; Kleizienė, Neringa**; Sløk, Frank A.; **Šačkus, Algirdas**. Synthesis of chiral 2-(N-Boc-azetidin-3-yl)-2-alkylpropanoic acids as novel GABA derivatives // Monatshefte für Chemie. Vienna : Springer. ISSN 0026-9247. eISSN 1434-4475. 2024, vol. 155, p. 83-97. DOI: 10.1007/s00706-023-03149-1. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,900; AIF: 6,600; IF/AIF: 0,287; Q3 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,716]
91. [S1; GB; OA] **Stanitska, Mariia; Volyniuk, Dmytro**; Minaev, Boris; Agren, Hans; **Grazulevicius, Juozas V.** Molecular design, synthesis, properties, and applications of organic triplet emitters exhibiting blue, green, red and white room-temperature phosphorescence // Journal of materials chemistry C. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2024, vol. 12, iss. 8, p. 2662-2698. DOI: 10.1039/d3tc04514e. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 5,700; IF/AIF: 0,894; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,600]
92. [S1; US] **Bendoraitiene, Joana; Kutraite, R.; Peculyte, L.; Liudvinaviciute, D.; Rutkaite, R.** Ultrasound-assisted processing of thermoplastic cellulose acetate compositions // Polymer-plastics technology and materials. Philadelphia, PA : Taylor & Francis. ISSN 2574-0881. eISSN 2574-089X. 2024, vol. 63, iss. 7, p. 798-811. DOI: 10.1080/25740881.2024.2304136. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,000; AIF: 5,200; IF/AIF: 0,576; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
93. [S1; US; OA] Reid, Victoria J.M.; McLoughlin, Wesley K.X.; Pandya, Kalyani; Stott, Holly; **Iškauskienė, Monika; Šačkus, Algirdas**; Marti, Judit A.; Kurian, Dominic; Wishart, Thomas M.; Lucatelli, Christophe; Peters, Dan; Gray, Gillian A.; Baker, Andrew H.; Newby, David E.; Hadoke, Patrick W.F.; Tavares, Adriana A.S.; MacAskill, Mark G. Assessment of the alpha 7 nicotinic acetylcholine receptor as an imaging marker of cardiac repair-associated processes using NS14490 // EJNMMI Research. New York : Springer. ISSN 2191-219X. 2024, vol. 14, iss. 1, art. no. 7, p. 1-14. DOI: 10.1186/s13550-023-01058-2. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,000; AIF: 3,300; IF/AIF: 0,909; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,116]
94. [S1; CH; OA] **Blazevicius, Dovydas**; Siddiqui, Iram; Gautam, Prkalp; **Krucaite, Gintare; Tavgeniene, Daiva**; Nagar, Mangey Ram; Kumar, Krishan; Banik, Subrata; Jou, Jwo-Huei; **Grigalevicius, Saulius**. Bicarbazole-benzophenone-based twisted donor-acceptor-donor derivatives as blue emitters for highly efficient fluorescent organic light-emitting diodes // Nanomaterials. Basel : MDPI. ISSN 2079-4991. 2024, vol. 14, iss. 2, art. no. 146, p. 1-14. DOI: 10.3390/nano14020146. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,300; AIF: 6,700; IF/AIF: 0,641; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,400]
95. [S1; NL] Kamarauskas, Egidijus; **Jegorove, Aiste**; Čepas, Romualdas J.; **Daskeviciute-Geguziene, Sarune**; Genevicius, Kristijonas; Franckevicius, Marius; Talaikis, Martynas; Dobuzinskas, Rokas; Scheler, Florian; Sveinbjornsson, Kari; Jankauskas, Vygtintas; **Getautis, Vytautas**. Cross-linkable fluorene-based hole transporting materials for perovskite solar cells // Chemical physics. Amsterdam : Elsevier. ISSN 0301-0104. eISSN 1873-4421. 2024, vol. 579, art. no. 112183, p. 1-7. DOI: 10.1016/j.chemphys.2024.112183. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,400; AIF: 5,450; IF/AIF: 0,440; Q2 (2024, InCites

96. [S1; CH; OA] **Bronusiene, Asta; Kleinauskas, Ričardas; Ancutiene, Ingrida**. Facile synthesis and characterization of TiO₂/SnS nanocomposites by eco-friendly methods // *Coatings*. Basel : MDPI. ISSN 2079-6412. 2024, vol. 14, iss. 1, art. no. 88, p. 1-15. DOI: 10.3390/coatings14010088. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,800; AIF: 5,466; IF/AIF: 0,512; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
97. [S1; DE] **Gelminauskaitė, Roberta; Grybaitė, Birutė; Vaickelionienė, Rita**; Šiugždaitė, Jūratė; Lelešius, Raimundas; Belyakov, Sergey; **Mickevičius, Vytautas**. Synthesis and in vitro antibacterial evaluation of N-(4-methoxy-2-nitrophenyl)-β-alanine derivatives // *ChemistrySelect*. Weinheim : Wiley-VCH. ISSN 2365-6549. eISSN 2365-6549. 2024, vol. 9, iss. 1, art. no. e202304597, p. 1-8. DOI: 10.1002/slct.202304597. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,000; AIF: 6,600; IF/AIF: 0,303; Q3 (2024, InCites JCR SCIE)] [M.kr.: N 003, A 002] [Indėlis: 0,574]
98. [S1; GB; OA] Gaidė, Ieva; Makareviciene, Violeta; Sendzikiene, Egle; **Slinksiene, Rasa; Paleckiene, Rasa**. Application of snail shells as a heterogeneous catalyst for rapeseed oil butyl esters production // *Green chemistry letters and reviews*. Abingdon : Taylor & Francis. ISSN 1751-8253. eISSN 1751-7192. 2024, vol. 17, iss. 1, art. no. 2285809, p. 1-15. DOI: 10.1080/17518253.2023.2285809. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 6,250; IF/AIF: 0,816; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 004, N 012, T 005] [Indėlis: 0,400]
99. [S1; CH] Kotowicz, Sonia; Korzec, Mateusz; Małeck, Jan Grzegorz; Pająk, Agnieszka Katarzyna; Łuczak, Adam; Jung, Jarosław; **Krucaite, Gintare; Tavgeniene, Daiva; Beresneviciute, Raminta; Blazevicius, Dovydas**; Zaleckas, Ernestas; Sutkuvienė, Simona; **Grigalevičius, Saulius**; Schab-Balcerzak, Ewa. Carbazole core derivatives and their photophysical and electrochemical investigations supported by the theoretical calculations // *Synthetic metals*. Lausanne : Elsevier. ISSN 0379-6779. 2024, vol. 301, art. no. 117533, p. 1-13. DOI: 10.1016/j.synthmet.2023.117533. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,600; AIF: 6,166; IF/AIF: 0,746; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 004, T 004] [Indėlis: 0,355]
100. [S1; US] Malachovskienė, Eglė; Bridžiuviene, Danguolė; **Ostrauskaitė, Jolita; Vaičekauskaitė, Justė**; Žalūdienė, Gailė. Degradative impact of *Alternaria multiformis* on novel polymeric biocomposites with the fillers of industrial waste materials under different pH and temperature conditions // *Bioremediation journal*. Philadelphia, PA : Taylor & Francis. ISSN 1088-9868. eISSN 1547-6529. 2024, vol. 28, iss. 1, p. 54-63. DOI: 10.1080/10889868.2022.2086527. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,400; AIF: 5,500; IF/AIF: 0,254; Q4 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 010] [Indėlis: 0,400]
101. [S1; US] Královič, David Pavel; Cifraničová, Katarína; Švajdlenková, Helena; Tóthová, Darina; Šauša, Ondrej; Kalinay, Pavol; Kavetsky, Taras; **Ostrauskaite, Jolita**; Smutok, Oleh; Gonchar, Mykhailo; Soloviev, Vladimir; Kiv, Arnold. Effect of aromatic rings in AESO-VDM biopolymers on the local free volume and diffusion properties of polymer matrix // *Journal of polymers and the environment*. New York : Springer. ISSN 1566-2543. eISSN 1572-8919. 2024, vol. 32, iss. 5, p. 2336-2349. DOI: 10.1007/s10924-023-03097-1. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,000; AIF: 7,300; IF/AIF: 0,684; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,083]
102. [S1; GB; OA] Juneja, Nimish; **Daskeviciute-Geguziene, Sarune**; Spalatu, Nicolae; Mandati, Sreekanth; Katerski, Atanas; Grzibovskis, Raitis; Vembris, Aivars; Karazhanov, Smagul; **Getautis, Vytautas**; Krunk, Malle; Oja Acik, Ilona. Employment of dopant-free fluorene-based enamines as innovative hole transport materials to boost the transparency and performance of Sb₂S₃ based solar cells // *Materials science in semiconductor processing*. Kidlington : Elsevier. ISSN 1369-8001. eISSN 1873-4081. 2024, vol. 169, art. no. 107934, p. 1-10. DOI: 10.1016/j.mssp.2023.107934. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,600; AIF: 5,800; IF/AIF: 0,793; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,180]
103. [S1; US] **Zagorskytė, Inesa; Bieliauskas, Aurimas; Pukalskienė, Milda**; Rollin, Patrick; **Arbačiauskienė, Eglė; Šačkus, Algirdas**. Glycerol1,2carbonate: a mild reagent for the N glycerylation of pyrazolecarboxylates // *Journal of heterocyclic chemistry*. Hoboken, NJ : Wiley. ISSN 0022-152X. eISSN 1943-5193. 2024, vol. 61, iss. 2, p. 305-323. DOI: 10.1002/jhet.4761. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,400; AIF: 3,700; IF/AIF: 0,648; Q2 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,834]
104. [S1; US] **Daskeviciute-Geguziene, Sarune**; Truong, Minh Anh; **Rakstys, Kasparas; Daskeviciene, Maryte**; Hashimoto, Ruito; Murdey, Richard; Yamada, Takumi; Kanemitsu, Yoshihiko; Jankauskas, Vygtas; Wakamiya, Atsushi; **Getautis, Vytautas**. In situ thermal cross-linking of 9,9'-spirobifluorene-based hole-transporting layer for perovskite solar cells // *ACS Applied materials & interfaces*. Washington : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2024, vol. 16, iss. 1, p. 1206-1216. DOI: 10.1021/acsami.3c13950. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 8,200; AIF: 7,450; IF/AIF: 1,100; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,370]
105. [S1; NL] **Krucaite, Gintare; Beresneviciute, Raminta; Tavgeniene, Daiva; Grigalevicius, Saulius**; Chen, Yi-Ting; Chen, Yu-Hsuan; Chang, Chih-Hao. New bipolar derivatives with diphenylsulfone or dibenzophenone as TADF based emitters for OLEDs // *Organic electronics*. Amsterdam : Elsevier. ISSN 1566-1199. eISSN 1878-

5530. 2024, vol. 125, art. no. 106981, p. 1-7. DOI: 10.1016/j.orgel.2023.106981. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,600; AIF: 5,700; IF/AIF: 0,456; Q3 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,574]
106. [S1; GB] Gavale, Ramakant; **Ghasemi, Melika**; Khan, Faizal; **Volyniuk, Dmytro**; **Grazulevicius, Juozas Vidas**; Misra, Rajneesh. Phenothiazine and phenothiazine sulfone derivatives: AIE, HTMs for doping free fluorescent and multiple-resonance TADF OLEDs // Journal of materials chemistry C. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2024, vol. 12, iss. 6, p. 2134-2147. DOI: 10.1039/d3tc03921h. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 5,700; IF/AIF: 0,894; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 008] [Indėlis: 0,498]
 107. [S1; NL] **Jovaišaitė, Jovita**; **Jūrienė, Laura**; **Pukalskas, Audrius**; **Baranauskienė, Renata**; Ragažinskienė, Ona; **Venskutonis, Petras Rimantas**. Recovery of lipophilic compounds of Vincetoxicum species by supercritical carbon dioxide extraction // Journal of supercritical fluids. Amsterdam : Elsevier. ISSN 0896-8446. eISSN 1872-8162. 2024, vol. 206, art. no. 106159, p. 1-8. DOI: 10.1016/j.supflu.2023.106159. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,400; AIF: 7,150; IF/AIF: 0,615; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005, N 010] [Indėlis: 0,834]
 108. [S1; GB; OA] **Rakstys, Kasparas**; Xia, Jianxing; Zhang, Yi; **Siksnelyte, Kotryna**; Slonopas, Andre; Dyson, Paul J.; **Getautis, Vytautas**; Nazeeruddin, Mohammad Khaja. Steric hindrance driven passivating cations for stable perovskite solar cells with an efficiency over 24% // Journal of materials chemistry A. Cambridge : Royal Society of Chemistry. ISSN 2050-7488. eISSN 2050-7496. 2024, vol. 12, iss. 3, p. 1422-1428. DOI: 10.1039/d3ta03423b. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 9,500; AIF: 6,933; IF/AIF: 1,370; Q1 (2024, InCites JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,375]
 109. [S1; GB] **Skhirtladze, Levani**; **Keruckiene, Rasa**; **Bezvikonnyi, Oleksandr**; **Mahmoudi, Malek**; **Volyniuk, Dmytro**; **Leitonas, Karolis**; **Ghasemi, Melika**; **Simokaitiene, Jurate**; Nasir, Farah Hannan Abd; Ariffin, Azhar; **Grazulevicius, Juozas V.** Switching thermally activated delayed fluorescence to room temperature phosphorescence for oxygen sensing: effect of donor substituents of trifluoromethylphenyl // Spectrochimica acta Part A: Molecular and biomolecular spectroscopy. Kidlington : Elsevier. ISSN 1386-1425. eISSN 1873-3557. 2024, vol. 306, art. no. 123531, p. 1-11. DOI: 10.1016/j.saa.2023.123531. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 2,700; IF/AIF: 1,703; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,775]
 110. [S1; NL] Minaev, Boris; Stakhira, Pavlo; Panchenko, Olexander; Minaeva, Valentina; Kutsiy, Stepan; Melnykov, Serhii; Danyliv, Iryna; **Volyniuk, Dmytro**; **Grazulevicius, Juozas Vidas**; Kudelko, Agnieszka; Olesiejuk, Monika; Ågren, Hans. Theoretical and experimental investigation of exciplex-forming and electroluminescent properties of 4-ethyl-3,5-bis[40-(N, N-diphenylamine)biphenyl-4-yl]-4H-1,2,4-triazole // Optical materials. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2024, vol. 147, art. no. 114606, p. 1-11. DOI: 10.1016/j.optmat.2023.114606. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,200; AIF: 4,800; IF/AIF: 0,875; Q1 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,166]
 111. [S1; CH; OA] **Petrauskas, Rokas**; **Grauzeliene, Sigita**; **Ostrauskaite, Jolita**. Thermo-responsive shape-memory dual-cured polymers based on vegetable oils // Materials. Basel : MDPI. ISSN 1996-1944. 2024, vol. 17, iss. 1, art. no. 24, p. 1-16. DOI: 10.3390/ma17010024. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,200; AIF: 6,140; IF/AIF: 0,521; Q2 (2024, InCites JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]

Web of Science duomenų bazėje indeksuotuose leidiniuose be cituojamumo rodiklio (JCR SCIE)

Tarptautinėse (užsienio) leidyklose

1. [S1; GB; OA] **Macionis, Simas**; **Gudeika, Dalius**; **Bezvikonnyi, Oleksandr**; Melnykov, Serhii; Guminilovych, Liliya; **Simokaitiene, Jurate**; Sargsyan, Svetlana; **Keruckiene, Rasa**; **Volyniuk, Dmytro**; Stakhira, Pavlo; **Grazulevicius, Juozas V.** Effects of variation in phenylpyridinyl and di-tert-butyl-carbazolyl substituents of benzene on the performance of the derivatives in colour-tuneable white and exciplex-based sky-blue light-emitting diodes // Materials advances. Cambridge : Royal Society of Chemistry. ISSN 2633-5409. 2024, vol. 5, iss. 14, p. 5749-5762. DOI: 10.1039/d4ma00499j. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: T 005] [Indėlis: 0,595]
2. [S1; CH; OA] **Varvuolytė, Gabrielė**; **Bieliauskas, Aurimas**; **Kleizienė, Neringa**; **Žukauskaitė, Asta**; **Šačkus, Algirdas**. 2-([1,1'-Biphenyl]-4-yl)-5-[(E)-2-(3-methoxy-1-phenyl-1H-pyrazol-4-yl)ethenyl]-3,3-dimethyl-3H-indole // Molbank. Basel : MDPI. ISSN 1422-8599. 2024, vol. 2024, iss. 4, art. no. M1927, p. 1-6. DOI: 10.3390/M1927. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: N 003] [Indėlis: 0,900]
3. [S1; US] Dobužinskas, Rokas; Poškus, Andrius; Jankauskas, Vygtintas; Viliūnas, Mindaugas; Kamarauskas, Egidijus; **Daškevičienė, Marytė**; **Getautis, Vytautas**; Arlauskas, Kęstutis; Abramavičius, Darius. Bromine enhanced organic materials for Xray sensors: unveiling the potential of small molecules and polymers through material design and film fabrication // Advanced sensor research. Hoboken, NJ : Wiley. ISSN 2751-1219. eISSN

- 2751-1219. 2024, vol. 3, iss. 9, art. no. 2400018, p. 1-13. DOI: 10.1002/adsr.202400018. [Emerging Sources Citation Index (Web of Science)] [M.kr.: N 002, N 003] [Indėlis: 0,222]
4. [S1; CH; OA] **Siauciunas, Raimundas; Prichockiene, Edita; Valancius, Zenonas**; Elsteris, Arunas. Hardening of mortars from blended cement with opoka additive in CO₂ environment // *Ceramics*. Basel : MDPI. ISSN 2571-6131. 2024, vol. 7, iss. 4, p. 1301-1315. DOI: 10.3390/ceramics7040086. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: T 005] [Indėlis: 0,750]
 5. [S1; CH; OA] **Anusevičius, Kazimieras; Stebrytė, Ignė**; Kavaliauskas, Povilas. Synthesis and antimicrobial evaluation of 2-[2-(9H-Fluoren-9-ylidene)hydrazin-1-yl]-1,3-thiazole derivatives // *MolBank*. Basel : MDPI. ISSN 1422-8599. 2024, vol. 2024, iss. 3, art. no. M1872, p. 1-9. DOI: 10.3390/M1872. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: N 003] [Indėlis: 0,667]
 6. [S1; US; OA] **Deva, Liliia; Stanitska, Mariia; Skhirtladze, Levani**; Ali, Amjad; Baryshnikov, Glib; **Volyniuk, Dmytro**; Kutsiy, Stepan; Obushak, Mykola; **Cekaviciute, Monika**; Stakhira, Pavlo; **Grazulevicius, Juozas Vidas**. Efficient microwave irradiation-assisted synthesis of benzodioxinoquinoxaline and its donor-variegated derivatives enabling long-lived emission and efficient bipolar charge carrier transport // *ACS Materials Au*. Washington, DC : American Chemical Society. ISSN 2694-2461. 2024, vol. 4, iss. 6, p. 628-642. DOI: 10.1021/acsmaterialsau.4c00050. [Emerging Sources Citation Index (Web of Science); Scopus; MEDLINE] [M.kr.: T 008, T 005] [Indėlis: 0,410]
 7. [S1; CH; OA] **Varvuolytė, Gabrielė; Bieliauskas, Aurimas; Kleizienė, Neringa; Žukauskaitė, Asta; Šačkus, Algirdas**. 3-(2-Chloroethoxy)-1-(4-methoxyphenyl)-1H-pyrazole-4-carbaldehyde // *MolBank*. Basel : MDPI. ISSN 1422-8599. 2024, vol. 2024, iss. 1, art. no. M1782, p. 1-5. DOI: 10.3390/M1782. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: N 003] [Indėlis: 0,900]

Kituose recenzuojamose mokslo leidiniuose

Tarptautinėse (užsienio) leidyklose

1. [S4; UA; OA] Stasevych, M.V.; Kusi, M.A.; **Mickevičius, V.** Development of the basics of production technology of dacarbazine substance with anticancer effect // *Chemistry, technology and application of substances*. Lviv : Lviv Polytechnic National University. ISSN 2617-7307. eISSN 2664-1569. 2024, vol. 7, iss. 2, p. 107-115. DOI: 10.23939/ctas2024.02.107. [M.kr.: N 003] [Indėlis: 0,333]

Recenzuojamoje konferencijų pranešimų medžiagoje

Tarptautinėse (užsienio) leidyklose

1. [P1b; BY; OA] Семёнов, В.В.; Анискевич, Е.Н.; **Иванченко, А.Р.**; Рагойша, Г.А.; Кулак, А.И.; Стрельцов, Е.А. Цинк-ионный аккумулятор с неводным электролитом и положительным электродом на основе цинк-марганцевой шпинели = Zinc-ion battery with non-aqueous electrolyte and zinc-manganese spinel positive electrode // *Proceedings of the National Academy of Sciences of Belarus, Chemical series = Известия Национальной академии наук Беларуси. Серия химических наук*. Minsk : Belaruskaya Navuka. ISSN 1561-8331. eISSN 2524-2342. 2024, vol. 60, no. 2, p. 115-120. DOI: 10.29235/1561-8331-2024-60-2-115-120. [Scopus] [M.kr.: T 005] [Indėlis: 0,166]
2. [P1b; PL; OA] **Biškauskaitė-Ulinskė, Renata; Valeika, Virgilijus**. Enzymes in wet-blue neutralization: effect on processes and leather properties // *ICAMS 2024: proceedings of the 10th international conference on advanced materials and systems*, 30-31 October 2024, Bucharest, Romania / L. Alexandrescu, D. Gurău (eds.). Warsaw : Sciendo, 2024. ISBN 9788367405805. ISSN 2068-0783. p. 53-58. DOI: 10.2478/9788367405805-007. [Scopus; Dimensions] [M.kr.: T 005] [Indėlis: 1,000]
3. [P1b; PL; OA] Ishchenko, Olena; Kuchynska, Daria; Plavan, Viktoriia; **Ostrauskaitė, Jolita**. Wound dressings films based on the citric acid modified starch // *ICAMS 2024: proceedings of the 10th international conference on advanced materials and systems*, 30-31 October 2024, Bucharest, Romania / L. Alexandrescu, D. Gurău (eds.). Warsaw : Sciendo, 2024. ISBN 9788367405805. ISSN 2068-0783. p. 101-106. DOI: 10.2478/9788367405805-014. [Scopus; Dimensions] [M.kr.: T 005] [Indėlis: 0,250]
4. [P1d; IN] **Biskauskaitė, Renata; Valeika, Virgilijus**. Use of enzymes for leather post-tanning processes // *Proceedings of the IRES international conference*, Bangkok, Thailand, 05-06 December 2024. Bhubaneswar, Orisa : IRES, 2024. ISBN 9789390150281. p. 33-36. [M.kr.: T 005] [Indėlis: 1,000]
5. [P1d; UA] Kavetsky, Taras; Grozdov, Pavlo; Stievenard, Martin; Zubrytska, Oksana; Šauša, Ondrej; Švajdlénková, Helena; Soloviev, Volodymyr; **Ostrauskaitė, Jolita**; Kiv, Arnold. Microstructural features of the polymer network during photopolymerization // *Стан природних ресурсів, перспективи їх збереження та Відновлення: збірник матеріалів V міжнародної науково-практичної конференції*, 17–18 жовтня 2024 р.,

- м. Дрогобич, Україна = State of natural resources and prospects for their preservation and restoration: proceedings of the v international scientific and practical conference, 17–18 October 2024, Drohobych, Ukraine. Drohobych : Drohobych Ivan Franko State Pedagogical University. 2024, p. 138-141. [M.kr.: T 005] [Indėlis: 0,111]
6. [P1d; BA] **Pociene, Odeta; Slinksiene, Rasa**. Variation of organic carbon concentration in buckwheat groat waste extracts // Proceedings of the XV international scientific agriculture symposium „AgroSym 2024“, Jahorina, October 10-13, 2024, Bosnia and Herzegovina / editor in chief Dusan Kovacevic. East Sarajevo : University of East Sarajevo, Faculty of Agriculture, 2024. ISBN 9789997681683. p. 780-786. [M.kr.: T 005] [Indėlis: 1,000]
 7. [P1d; DE] Mamykin, Sergii; Kuznetsova, Daria; Roshchina, Nina; Smertenko, Petro; **Grigalevicius, Saulius; Krucaite, Gintare; Beresneviciute, Raminta**; Sutkuvienė, Simona. Self-organized films of carbazole derivatives on structured silicon substrates for photovoltaic applications // 41st European Pphhotovoltaic solar energy conference and exhibition: proceedings of the international conference, 23 – 27 September 2024, Vienna, Austria / edited by: Gabriele C. Eder, R. Kenny, J. Bergmiller, J. de Gregorio. Munchen : WIP Renewable energies, 2024, art. no. 020076. ISBN 3936338906. ISSN 2196-0992. p. 1-4. [M.kr.: T 005, N 004] [Indėlis: 0,375]
 8. [P1b; US] **Pocviciute, Gaile; Kauneliene, Violeta**; Bagdonas, Edvardas; Aldonyte, Ruta; Raudoniute, Jovile; **Ciuzas, Darius; Prasauskas, Tadas; Krugly, Edvinas; Martuzevicius, Dainius**. Assessing indoor air quality impacts of tobacco products: differential cytotoxic effects of conventional cigarette and heated tobacco product aerosols // Indoor air 2024: 18th conference of the International Society of Indoor Air Quality and Climate (ISIAQ), July 7-11, 2024, Honolulu, Hawaii, USA: conference program and proceedings. Herndon, VA : International Society of Indoor Air Quality and Climate, 2024. ISBN 9798331306816. p. 112-113. [Scopus] [M.kr.: N 010, T 004] [Indėlis: 0,667]
 9. [P1b; US] **Švaikauskaitė, Judita**; Leivo, Virpi; **Prasauskas, Tadas; Martuzevičius, Dainius; Kaunelienė, Violeta**; Haverinen-Shaughnessy, Ulla. The effects of energy retrofits to variations of airborne particulate matter in Finnish and Lithuanian multifamily buildings // Indoor air 2024: 18th conference of the International Society of Indoor Air Quality and Climate (ISIAQ), July 7-11, 2024, Honolulu, Hawaii, USA: conference program and proceedings. Herndon, VA : International Society of Indoor Air Quality and Climate, 2024. ISBN 9798331306816. p. 354-356. [Scopus] [M.kr.: T 004] [Indėlis: 0,668]
 10. [P1c; UA; OA] Miliauskas, Gytis; **Denafas, Gintaras**. Technology development for the separation of multilayer composites // Матеріали XXIV міжнародної науково-практичної конференції «Екологія. Людина. Суспільство», (5 червня 2024 р., Київ, Україна) = Handbook of the XXIV international science conference „Ecology. Human. Society“, (June 5, 2024 Kyiv, Ukraine). Kyiv : Igor Sikorsky Kyiv Polytechnic Institute. ISSN 2710-3315. 2024, p. 169-175. DOI: 10.20535/EHS2710-3315.2024.306206. [Dimensions] [M.kr.: T 004] [Indėlis: 0,500]
 11. [P1b; US] Zhyhun, Bohdan; **Bučinskas, Audrius**; Juozaitienė, Rūta; Siaulys, Julius; Paulauskaite-Taraseviciene, Agnė; **Stanitska, Mariia; Kristutis, Augustas**. Robotic process automation-driven quantum chemistry approach in the search of new metal-free emitters // 2023 IEEE 11th joint international information technology and artificial intelligence conference (ITAIC), 8-10 December 2023, Chongqing, China. Piscataway, NJ : IEEE, 2024. ISBN 9798350333671. eISBN 9798350333664. ISSN 2693-2873. eISSN 2693-2865. p. 1860-1864. DOI: 10.1109/ITAIC58329.2023.10409031. [Scopus; Dimensions] [M.kr.: N 003, N 009] [Indėlis: 0,426]

RECENZIJOS, APŽVALGOS IR ATSTOVAUJAMOS BENDRAAUTORYSTĖS STRAIPSNIAI

Web of Science duomenų bazėje indeksuotuose žurnaluose su cituojamumo rodikliu (JCR SCIE)

Tarptautinėse (užsienio) leidyklose

1. [S7; GB; OA] **Martuzevičius, Dainius; Masionė, Goda**. An alternative approach // Filtration + separation. London : MA Healthcare Ltd. ISSN 0015-1882. eISSN 1873-7218. 2024, vol. 61, no. 3, p. 46-49. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 0,050; AIF: 6,800; IF/AIF: 0,007; Q4 (2024, InCites JCR SCIE)] [M.kr.: T 004] [Indėlis: 1,000]

Kituose recenzuojamuose mokslo leidiniuose

Nacionalinėse (Lietuvos) leidyklose

- [S7; LT; OA] **Ivanauskas, Remigijus; Ancutienė, Ingrida; Milašienė, Daiva; Ivanauskas, Algimantas; Bronušienė, Asta; Belukhina, Olga.** Anbakterinių vario dalelių sluoksnių gavimas ir jų pritaikymas ilgalaikio naudojimo apsaugos priemonėms // COVID-19 pandemijos pamokos: moksliniai ir praktiniai aspektai: Lietuvos mokslo tarybos finansuotų projektų, skirtų COVID-19 tyrimams, apžvalga, T. 2. Vilnius : Lietuvos mokslo taryba, 2024. ISBN 9789986081029. p. 7-8. [M.kr.: N 003] [Indėlis: 0,668]

MOKSLO MONOGRAFIJOS IR JŲ DALYS

Tarptautiniu mastu pripažintose leidyklose

- [Y1; US] **Imamou Hassani, Mouandhe; Bilgin, Hakki; Juriene, Laura.** Basic concepts of sensory technology // Sensory science applications for food production / Rahul Mehra, Arun Kumar Pandey, Raquel P.F. Guiné (eds.). Hershey, PA : IGI global, 2024. ISBN 9798369321218. eISBN 9798369321225. p. 1-21. (Advances in environmental engineering and green technologies (AEEGT) book series, ISSN 2326-9162, eISSN 2326-9170 ; vol. 121). DOI: 10.4018/979-8-3693-2121-8.ch001. [Scopus] [M.kr.: T 005] [Indėlis: 0,833] [Indėlis autoriniais lankais: 1,250] [Dokumento autoriniai lankai: 1,500]
- [Y1; GB] **Okechukwu, Queeny N.; Adepoju, Feyisayo O.; Imamou Hassani, Mouandhe; Kovaleva, Elena G.; Rao, Ambati Ranga; Ravishankar, Gokare A.** Suitability of microalgae and fungi in meat analogs: an overview // Handbook of plant-based meat analogs: innovation, technology and quality / edited by: G.A. Ravishankar, A.R. Rao, R. Tahergorabi, A. Mohan. London : Academic press, 2024, ch. 7. ISBN 9780443218460. p. 121-146. DOI: 10.1016/B978-0-443-21846-0.00017-4. [Scopus] [M.kr.: T 005] [Indėlis: 0,083] [Indėlis autoriniais lankais: 0,154] [Dokumento autoriniai lankai: 1,857]
- [K1a; CH] **Baltakys, Kęstutis; Dambrauskas, Tadas.** Synthetic gyrolite: a dual solution for wastewater treatment and portland cement. Cham : Springer, 2024. 269 p. ISBN 9783031492587. eISBN 9783031492594. DOI: 10.1007/978-3-031-49259-4. [Scopus] [M.kr.: T 005] [Indėlis: 1,000] [Indėlis autoriniais lankais: 19,214] [Dokumento autoriniai lankai: 19,214]

PATENTAI IR PATENTINĖS PARAIŠKOS

EPO, USPTO, JPO patentų tarnybose įregistruoti patentai

- [N1a; DE; OA] **Usas, Arvydas (autorius, išradimo); Maciulaitis, Justinas (autorius, išradimo); Jankauskaite, Lina (autorius, išradimo); Griniute-Aukstikalne, Lauryna (autorius, išradimo); Pocekevicius, Alius (autorius, išradimo); Dabasinskaite, Lauryna (autorius, išradimo); Martuzevicius, Dainius (autorius, išradimo); Malinauskas, Mantas (autorius, išradimo); Mickevicius, Tomas (autorius, išradimo); Rimkunas, Augustinas (autorius, išradimo); Baniukaitiene, Odeta (autorius, išradimo); Krugly, Edvinas (autorius, išradimo); Ciuzas, Darius (autorius, išradimo).** A construct for articular cartilage regeneration and a method of preparation / inventors: A. Usas, J. Maciulaitis, L. Jankauskaite, L. Griniute-Aukstikalne, A. Pocekevicius, et al.; proprietors: Lietuvos sveikatos mokslų universitetas, Kauno technologijos universitetas. EP 4119169 B1. 2024-11-13. [Espacenet] [M.kr.: T 004, M 001, T 005] [Indėlis: 0,380]
- [N1c; JP; OA] **Getautis, Vytautas (autorius, išradimo); Rakstys, Kasparas (autorius, išradimo); Daskeviciene, Maryte (autorius, išradimo); Daskeviciute Geguziene, Sarune (autorius, išradimo); Zgang, Yi (autorius, išradimo); Nazeeruddin, Mohammad Khaja (autorius, išradimo).** Photovoltaic devices containing cyclobutane-based hole transporting materials / inventors: V. Getautis, K. Rakstys, M. Daskeviciene, S. Daskeviciute Geguziene, Y. Zhang, M.K. Nazeeruddin; applicants: Kaunas University of Technology, Swiss Federal Institute of Technology Lausanne. JP 7497941 B2. 2024-06-11. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]

Lietuvos Respublikos valstybiniame patentų biure įregistruoti patentai

- [N1e; LT; OA] **Rutkaitė, Ramunė (autorius, išradimo); Bendoraitienė, Joana (autorius, išradimo); Pečiulytė, Laura (autorius, išradimo); Liudvinavičiūtė, Dovilė (autorius, išradimo); Baltakys, Kęstutis (autorius, išradimo); Gineika, Andrius (autorius, išradimo).** Termoplastinės celiuliozės acetato kompozicijos paruošimo būdas ir kompozicija / išradėjai: R. Rutkaitė, J. Bendoraitienė, L. Pečiulytė, D. Liudvinavičiūtė, K. Baltakys, A. Gineika; savininkas: Kauno technologijos universitetas. LT 7114 B. 2024-12-10. [Lietuvos

Respublikos patentų duomenų bazė; Espacenet] [M.kr.: T 005] [Indėlis: 1,000]

2. [N1e; LT; OA] **Rutkaitė, Ramunė (autorius, išradimo); Bendoraitienė, Joana (autorius, išradimo); Pečiulytė, Laura (autorius, išradimo); Liudvinavičiūtė, Dovilė (autorius, išradimo).** Termoplastinės celiuliozės acetato kompozicijos paruošimo būdas / išradėjai: R. Rutkaitė, J. Bendoraitienė, L. Pečiulytė, D. Liudvinavičiūtė; savininkas: Kauno technologijos universitetas. LT 7108 B. 2024-11-25. [Lietuvos Respublikos patentų duomenų bazė; Espacenet] [M.kr.: T 005] [Indėlis: 1,000]

EPO, USPTO, JPO patentų tarnybose įregistruotos patentinės paraiškos

1. [N2b; US; OA] **Leskauskaite, Daiva (autorius, išradimo); Vinauskiene, Rimante (autorius, išradimo); Eisinaite, Viktorija (autorius, išradimo); Jasutiene, Ina (autorius, išradimo); Keršiene, Milda (autorius, išradimo); Šipailiene, Aušra (autorius, išradimo).** Nutrients-dense 3D-printed foods for the elderly and people with swallowing disorders : United States patent application / D. Leskauskaite, R. Vinauskiene, V. Eisinaite, I. Jasutiene, M. Keršiene, A. Šipailiene, Aušra; applicant: Kaunas University of Technology. US 2024407409 A1. 2024-12-12. [Espacenet] [M.kr.: T 005] [Indėlis: 1,000]
2. [N2a; DE; OA] **Malys, Naglis (autorius, išradimo); Matulis, Paulius (autorius, išradimo).** A method for detecting ectoine : European patent application / inventors: N. Malys, P. Matulis; applicant: Kaunas University of Technology. EP 4455292 A1. 2024-10-30. [Espacenet] [M.kr.: T 005, N 003] [Indėlis: 1,000]
3. [N2c; JP; OA] **Getautis, Vytautas (autorius, išradimo); Daskeviciene, Maryte (autorius, išradimo); Daskeviciute-Geguziene, Sarune (autorius, išradimo); Rakstys, Kasparas (autorius, išradimo);** Wakamiya, Atsushi (autorius, išradimo); Truong, Minh Anh (autorius, išradimo). In-situ crosslinking of 9,9'-spirobifluorene-based compounds for use in optoelectronic and/or photoelectrochemical devices and manufacture thereof : Japan patent application / inventors: V. Getautis, M. Daskeviciene, S. Daskeviciute-Geguziene, K. Rakstys, A. Wakamiya, M.A. Truong; applicant: Kaunas University of Technology. JP 2024152533 A. 2024-10-25. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]
4. [N2a; DE; OA] **Martuzevicius, Dainius (autorius, išradimo); Krugly, Edvinas (autorius, išradimo); Tichonovas, Martynas (autorius, išradimo); Dabasinskaite, Lauryna (autorius, išradimo); Masionė, Goda (autorius, išradimo); Ciuzas, Darius (autorius, išradimo); Prasauskas, Tadas (autorius, išradimo); Kauneliene, Violeta (autorius, išradimo);** Bagdonas, Edvardas (autorius, išradimo); Aldonyte, Ruta (autorius, išradimo); Raudoniute, Jovile (autorius, išradimo). Method of estimating aerosol particles cytotoxicity : European patent application / inventors: D. Martuzevicius, E. Krugly, M. Tichonovas, L. Dabasinskaite, G. Masionė, D. Ciuzas, T. Prasauskas, V. Kauneliene, E. bagdonas, R. Aldonyte, J. raudoniute ; applicants: Kaunas University of Technology, Centre for Innovative Medicine. EP 4450969 A1. 2024-10-23. [Espacenet] [M.kr.: T 004] [Indėlis: 0,730]
5. [N2a; DE; OA] **Keruckiene, Rasa (autorius, išradimo); Stanitska, Mariia (autorius, išradimo); Grazulevicius, Juozas (autorius, išradimo); Volyniuk, Dmytro (autorius, išradimo);** Marsalka, Arunas (autorius, išradimo); Bezvikonnyi, Oleksandr (autorius, išradimo); Simokaitiene, Jurate (autorius, išradimo); Butkute, Rita (autorius, išradimo); Dabuliene, Asta (autorius, išradimo); Skuodis, Eigirdas (autorius, išradimo). Organic bipolar semiconductors based on stable radical acceptor moiety for optoelectronic applications : European patent application / inventors: R. Keruckiene, M. Stanitska, J. Grazulevicius, D. Volyniuk, A. Marsalka, O. Bezvikonnyi, J. Simokaitiene, R. Butkute, A. Dabuliene, E. Skuodis; applicant: Kaunas University of Technology. EP 4450588 A1. 2024-10-23. [Espacenet] [M.kr.: T 005] [Indėlis: 0,900]
6. [N2b; US] **Getautis, Vytautas (autorius, išradimo); Daskeviciene, Maryte (autorius, išradimo); Daskeviciute-Geguziene, Sarune (autorius, išradimo); Rakstys, Kasparas (autorius, išradimo);** Wakamiya, Atsushi (autorius, išradimo); Truong, Minh Anh (autorius, išradimo). In-situ crosslinking of 9,9'-spirobifluorene-based compounds for use in optoelectronic and/or in photoelectrochemical devices and manufacture thereof : United States patent application / inventors: V. Getautis, M. Daskeviciene, S. Daskeviciute-Geguziene, K. Rakstys, A. Wakamiya, M.A. Truong; applicant: Kaunas University of Technology. US 2024349587 A1. 2024-10-17. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]
7. [N2a; DE; OA] **Sackus, Algirdas (autorius, išradimo); Arbaciauskiene, Egle (autorius, išradimo); Varvuolyte, Gabriele (autorius, išradimo); Krikstolaityte, Sonata (autorius, išradimo); Kleziene, Neringa (autorius, išradimo); Bieliauskas, Aurimas (autorius, išradimo); Martynaitis, Vytautas (autorius, išradimo); Raskauskiene, Greta (autorius, išradimo); Gudelis, Emilis (autorius, išradimo).** 3,3-dimethyl-2-styryl-3H-indole derivatives and method for the production thereof : European patent application / inventors: A. Sackus, E. Arbaciauskiene, G. Varvuolyte, S. Krikstolaityte, ... [et al.] ; applicant: Kaunas University of Technology. EP 4446386 A1. 2024-10-16. [Espacenet] [M.kr.: N 003] [Indėlis: 1,000]
8. [N2a; DE; OA] **Getautis, Vytautas (autorius, išradimo); Daskeviciene, Maryte (autorius, išradimo); Daskeviciute-Geguziene, Sarune (autorius, išradimo); Rakstys, Kasparas (autorius, išradimo);** Wakamiya, Atsushi (autorius, išradimo); Truong, Minh Anh (autorius, išradimo). In-situ crosslinking of 9,9'-spirobifluorene-based compounds for use in optoelectronic and/or photoelectrochemical devices and manufacture thereof :

European patent application / inventors: V. Getautis, M. Daskeviciene, S. Daskeviciute-Geguziene, K. Rakstys, A. Wakamiya, M.A. Truong; applicant: Kaunas University of Technology. EP 4447643 A1. 2024-10-16. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]

9. [N2a; DE; OA] **Rutkaite, Ramune (autorius, išradimo); Bendoraitiene, Joana (autorius, išradimo); Peculyte, Laura (autorius, išradimo); Liudvinaviciute, Dovile (autorius, išradimo); Baltakys, Kęstutis (autorius, išradimo); Gineika, Andrius (autorius, išradimo).** Method for preparation of thermoplastic cellulose acetate composition and compositions : European patent application / inventors: R. Rutkaite, J. Bendoraitiene, L. Peculyte, D. Liudvinaviciute, K. Baltakys, A. Gineika; applicant: Kaunas University of Technology. EP 4446375 A1. 2024-10-16. [Espacenet] [M.kr.: T 005] [Indėlis: 1,000]
10. [N2a; DE] **Rutkaite, Ramune (autorius, išradimo); Bendoraitiene, Joana (autorius, išradimo); Peculyte, Laura (autorius, išradimo); Liudvinaviciute, Dovile (autorius, išradimo).** Method for preparing thermoplastic cellulose acetate composition : European patent application / inventors: R. Rutkaite, J. Bendoraitiene, L. Peculyte, D. Liudvinaviciute; applicant: Kaunas University of Technology. EP 4438670 A1. 2024-10-02. [Espacenet] [M.kr.: T 005] [Indėlis: 1,000]
11. [N2b; US; OA] **Leskauskaite, Daiva (autorius, išradimo); Venskutonis, Petras Rimantas (autorius, išradimo); Kersiene, Milda (autorius, išradimo); Jasutiene, Ina (autorius, išradimo); Jureviciute, Ieva (autorius, išradimo); Varnaite-Kapoce, Laurita (autorius, išradimo); Basinskiene, Loreta (autorius, išradimo); Jagelaviciute, Jolita (autorius, išradimo).** High-dietary-fiber berry-pomace-powder and use thereof in food products : United States patent application / inventors: D. Leskauskaite, P.R. Venskutonis, M. Kersiene, I. Jasutiene, I. Jureviciute, L. Varnaite-Kapoce, L. Basinskiene, J. Jagelaviciute, applicant: Kaunas University of Technology. US 2024188609 A1. 2024-06-13. [Espacenet] [M.kr.: T 005] [Indėlis: 1,000]

Lietuvos ir kitose užsienio šalių patentų tarnybose įregistruotos patentinės paraiškos

1. [N2e; LT; OA] **Rutkaitė, Ramunė (autorius, išradimo); Bendoraitienė, Joana (autorius, išradimo); Pečiulytė, Laura (autorius, išradimo); Liudvinavičiūtė, Dovilė (autorius, išradimo); Baltakys, Kęstutis (autorius, išradimo); Gineika, Andrius (autorius, išradimo).** Termoplastinės celiuliozės acetato kompozicijos paruošimo būdas ir kompozicija : paraiškos aprašymas / išradėjai: R. Rutkaitė, J. Bendoraitienė, L. Pečiulytė, D. Liudvinavičiūtė, K. Baltakys, A. Gineika; pareiškėjas: Kauno technologijos universitetas. LT 2023517 A. 2024-10-25. [Lietuvos Respublikos patentų duomenų bazė; Espacenet] [M.kr.: T 005] [Indėlis: 1,000]
2. [N2e; LT; OA] **Rutkaitė, Ramunė (autorius, išradimo); Bendoraitienė, Joana (autorius, išradimo); Pečiulytė, Laura (autorius, išradimo); Liudvinavičiūtė, Dovilė (autorius, išradimo).** Termoplastinės celiuliozės acetato kompozicijos paruošimo būdas : paraiškos aprašymas / išradėjai: R. Rutkaitė, J. Bendoraitienė, L. Pečiulytė, D. Liudvinavičiūtė; pareiškėjas: Kauno technologijos universitetas. LT 2023514 A. 2024-10-10. [Lietuvos Respublikos patentų duomenų bazė; Espacenet] [M.kr.: T 005] [Indėlis: 1,000]

STUDIJŲ IR MOKOMIEJI LEIDINIAI IR JŲ DALYS

Metodinės priemonės

1. [K2c; LT] **Kantminienė, Kristina; Sinkevičiūtė, Dovilė; Krylova, Valentina.** Chemical and instrumental analysis: laboratory works : coursebook. Kaunas : Technologija, 2024. 60 p. ISBN 9786090218877. eISBN 9786090218860. DOI: 10.5755/e01.9786090218860. [M.kr.: N 003] [Indėlis: 1,000] [Indėlis autoriniais lankais: 4,286] [Dokumento autoriniai lankai: 4,286]

MOKSLINIŲ TYRIMŲ REZULTATŲ SKELBIMAS KONFERENCIJOSE

Konferencijų pranešimų tezės tarptautinių duomenų bazių leidiniuose

1. [T1; LT] **Turilinaitė, Lidija; Dambrauskas, Tadas.** Application of synthetic monetite for zinc ion adsorption // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.22. ISBN 9786090218709. eISBN 9786090218693. p. 93. [Dimensions] [M.kr.: T 005]
2. [T1; LT] **Gudinskaite, Goda; Jaskunas, Andrius; Paleckiene, Rasa; Didziulyte, Egle; Jancaitiene, Kristina; Slinksiene, Rasa.** Assessing alternative biomass fuel derived from insect farming waste // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas

: Kaunas University of Technology, 2024, PP2.20. ISBN 9786090218709. eISBN 9786090218693. p. 143. [Dimensions] [M.kr.: T 005]

3. [T1; LT] **Krucaite, Gintare; Tavgeniene, Daiva; Kirstukas, Mantas; Grigalevicius, Saulius**; Lin, Ming-Jun; Hong, Jian-Sheng; Chang, Chih-Hao. Blue aggregation-induced emission bipolar materials consisting of diphenylsulfone or benzophenone core and triphenylethene-carbazole fragments for highly efficient OLEDs // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.28. ISBN 9786090218709. eISBN 9786090218693. p. 99. [Dimensions] [M.kr.: T 005]
4. [T1; LT] **Bendoraitiene, Joana; Jakubauskas, Rokas; Peciulyte, Laura; Liudvinaviciute, Dovile; Baltakys, Kestutis; Gineika, Andrius**; Varzinskas, Visvaldas; **Rutkaite, Ramune**. Cellulose acetate based bioplastic composites with inorganic particles // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.31. ISBN 9786090218709. eISBN 9786090218693. p. 154. [Dimensions] [M.kr.: T 005]
5. [T1; LT] **Onoriode-Afunezie, Maria-Anthoniette; Sulciute, Agne**. Characterization of TiO₂ nanoparticles on AISI 316 steel plate // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.04. ISBN 9786090218709. eISBN 9786090218693. p. 127. [Dimensions] [M.kr.: N 003]
6. [T1; LT] **Bendoraitiene, Joana; Masiulionyte, Diana; Bojanaukaite, Klaudija; Peciulyte, Laura; Eisinis, Anatolijus; Baltakys, Kestutis; Rutkaite, Ramune**. Chemical recycling of polyethylene terephthalate by glycolysis using synthetic mayenite catalysts // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.32. ISBN 9786090218709. eISBN 9786090218693. p. 155. [Dimensions] [M.kr.: T 005]
7. [T1; LT] **Urbanskis, Povilas; Šulčiūtė, Agnė**. Cleaning of electroless nickel plating solution // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.24. ISBN 9786090218709. eISBN 9786090218693. p. 147. [Dimensions] [M.kr.: N 003]
8. [T1; LT] **Valancius, Zenonas**; Elsteris, Arunas; **Prichockiene, Edita; Siauciunas, Raimundas**. Concrete pavers samples hardening in a CO₂ environment // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.48. ISBN 9786090218709. eISBN 9786090218693. p. 119. [Dimensions] [M.kr.: T 005]
9. [T1; LT] **Didžiulytė, Eglė; Šlinkšienė, Rasa**. Dependence of organic carbon concentration on temperature and method in extracts of digestate // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.05. ISBN 9786090218709. eISBN 9786090218693. p. 128. [Dimensions] [M.kr.: T 005]
10. [T1; LT] **Aboobacker, Shahana; Liudvinavičiūtė, Dovilė; Navikaitė-Šnipaitienė, Vesta; Kitrytė-Syrpa, Vaida; Rutkaitė, Ramunė; Syrpas, Michail**. Enhancing stability of fermented spirulina extracts through freeze-drying encapsulation // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.29. ISBN 9786090218709. eISBN 9786090218693. p. 152. [M.kr.: T 005]
11. [T1; LT] Dimitriev, O.P.; Fahlman, M.; **Beresneviciute, R.; Krucaite, G.; Grigalevicius, S.** Ethyl cellulose as a host material for thermally activated delayed fluorescence emitters // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.39. ISBN 9786090218709. eISBN 9786090218693. p. 162. [Dimensions] [M.kr.: T 005]
12. [T1; LT] **Aboobacker, Shahana; Bilgin, Hakki; Šipailienė, Aušra; Kitrytė-Syrpa, Vaida; Rutkaitė, Ramunė; Syrpas, Michail**. Fermentation effects on nutrient profile and antioxidant activity of *arthrospira platensis* // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, OP2.09. ISBN 9786090218709. eISBN 9786090218693. p. 51. [Dimensions] [M.kr.: T 005]
13. [T1; LT] **Sidaraite, Ramune; Dambrauskas, Tadas; Baltakys, Kestutis**. Formation of calcium silicate hydrates with intercalated Cr³⁺ ions under hydrothermal conditions // 2nd Central and Eastern European

conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.08. ISBN 9786090218709. eISBN 9786090218693. p. 131. [Dimensions] [M.kr.: T 005]

14. [T1; LT] **Grigonyte, Jovita; Onoriode-Afunezie, Maria-Anthoniette; Sulciute, Agne**. Impact of temperature on ZnO synthesis and its photoelectrochemical properties // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, OP4.06. ISBN 9786090218709. eISBN 9786090218693. p. 65. [Dimensions] [M.kr.: N 003]
15. [T1; LT] **Eisinas, Anatolijus; Kleinauskas, Ričardas**. Influence of amorphous TiO₂ on the gyrolite formation under hydrothermal conditions // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.25. ISBN 9786090218709. eISBN 9786090218693. p. 96. [Dimensions] [M.kr.: T 005]
16. [T1; LT] **Steponaitytė, Liveta; Siauciunas, Raimundas**. Influence of hydrothermal regime on the synthesis of tobermorite and xonotlite // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.42. ISBN 9786090218709. eISBN 9786090218693. p. 113. [Dimensions] [M.kr.: T 005]
17. [T1; LT] **Bobinaitė, Eglė; Dambrauskas, Tadas**. Influence of intercalated Fe³⁺ ions on the thermal stability and porosity of gyrolite // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.40. ISBN 9786090218709. eISBN 9786090218693. p. 163. [Dimensions] [M.kr.: T 005]
18. [T1; LT] **Liudvinavičiūtė, Dovilė; Galkauskaitė, Emilija; Navikaitė-Šnipaitienė, Vesta; Kitrytė-Syrpa, Vaida; Syrpas, Michail; Rutkaitė, Ramunė**. Investigation of multi-layered orally disintegrating films composed of bio-based polymers and Spirulina extract // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.06. ISBN 9786090218709. eISBN 9786090218693. p. 77. [Dimensions] [M.kr.: T 005]
19. [T1; LT] **Sarapajevaite, Gabriele; Dambrauskas, Tadas; Veiveryte, Evelina; Baltakys, Kestutis**. Kinetics of Cr³⁺ adsorption on synthetic hydroxyapatite // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.11. ISBN 9786090218709. eISBN 9786090218693. p. 134. [Dimensions] [M.kr.: T 005]
20. [T1; LT] **Jaskūnas, Andrius; Dambrauskas, Tadas; Našlėnas, Nedas; Bobinaitė, Eglė**. Kinetic study and catalytic activity of Fe³⁺ catalyst supported on gyrolite for VOC oxidation // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.13. ISBN 9786090218709. eISBN 9786090218693. p. 136. [Dimensions] [M.kr.: T 005]
21. [T1; LT] **Urbanskis, Povilas; Šulčiūtė, Agnė**. Metal recovery from galvanic sludge // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.23. ISBN 9786090218709. eISBN 9786090218693. p. 146. [Dimensions] [M.kr.: N 003]
22. [T1; LT; OA] **Sarapajevaite, Gabriele; Baltakys, Kestutis**. Microwave assisted aqueous-based synthesis of copper sulfide // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.45. ISBN 9786090218709. eISBN 9786090218693. p. 116. [Dimensions] [M.kr.: T 005]
23. [T1; LT] **Tiskute, Monika; Baltakys, Kestutis; Dambrauskas, Tadas**. Microwave-assisted synthesis of magnesium phosphate in the temperature range of 25–200 °C // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.48. ISBN 9786090218709. eISBN 9786090218693. p. 171. [Dimensions] [M.kr.: T 005]
24. [T1; LT] **Mamykin, Sergii; Kuznetsova, Daria; Roshchina, Nina; Smertenko, Petro; Grigalevicius, Saulius; Krucaite, Gintare; Beresneviciute, Raminta; Sutkuvienne, Simona**. Morphological and electrical properties of

- carbazole derivatives/silicon hybrids // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.29. ISBN 9786090218709. eISBN 9786090218693. p. 100. [Dimensions] [M.kr.: T 005, N 004]
25. [T1; LT] **Tavgeniene, Daiva; Beresneviute, Raminta; Gautam, Prakash; Nagar, Mangey Ram; Krucaite, Gintare; Jou, Jwo-Huei; Grigalevicius, Saulius.** Naphtalimide-based bipolar derivatives for highefficiency OLEDs // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.46. ISBN 9786090218709. eISBN 9786090218693. p. 117. [Dimensions] [M.kr.: T 005]
 26. [T1; LT] **Jančaitienė, Kristina; Masiulytė, Diana.** Production of potassium dihydrogen phosphate with bioactive additives // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.06. ISBN 9786090218709. eISBN 9786090218693. p. 129. [Dimensions] [M.kr.: N 003]
 27. [T1; LT] **Prichockiene, Edita; Siauciunas, Raimundas.** Solubility of al-substituted tobermorite // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.35. ISBN 9786090218709. eISBN 9786090218693. p. 106. [Dimensions] [M.kr.: T 005]
 28. [T1; LT] Nagar, Mangey Ram; **Tavgeniene, Daiva; Kumar, Krishan; Blazelevicius, Dovydas; Beresneviute, Raminta; Krucaite, Gintare; Hao, Chen Tun; Banik, Subrata; Jou, Jwo-Huei; Grigalevicius, Saulius.** Solution processable carbazole-benzophenone derivatives as bipolar hosts for high-efficiency stable green TADF OLEDs // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.47. ISBN 9786090218709. eISBN 9786090218693. p. 118. [Dimensions] [M.kr.: T 005, N 003]
 29. [T1; LT] **Liudvinavičiūtė, Dovilė; Navikaitė-Šnipaitienė, Vesta; Rutkaitė, Ramunė; Kitrytė-Syrpa, Vaida; Syrpas, Michail.** Spray-drying techniques for encapsulation of microalgae extract in modified starch // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.07. ISBN 9786090218709. eISBN 9786090218693. p. 130. [Dimensions] [M.kr.: T 005]
 30. [T1; LT] **Ancutiene, Ingrida; Zubrickaite, Dominyka; Bronusiene, Asta.** Structural, morphological, compositional and optical properties of CuxS films on FTO glass // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.12. ISBN 9786090218709. eISBN 9786090218693. p. 83. [Dimensions] [M.kr.: N 003]
 31. [T1; LT] **Barauskas, Irmantas; Kaminskas, Rimvydas; Uselis, Skomantas; Savickaitė, Brigita.** Supplementary cementitious material from expanded clay dust and opoka // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, OP1.14. ISBN 9786090218709. eISBN 9786090218693. p. 38. [Dimensions] [M.kr.: T 005]
 32. [T1; LT] **Rubinaite, Dovile; Siauciunas, Raimundas.** Synthetic ye'elinite influence on the hardening processes of portland-fly ash blended cement // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, OP1.09. ISBN 9786090218709. eISBN 9786090218693. p. 33. [Dimensions] [M.kr.: T 005]
 33. [T1; LT] **Svedaite, Evelina; Baltakys, Kestutis; Dambrauskas, Tadas.** The effect of temperature and P5+ ions concentration on the phosphorus adsorption mechanism // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.35. ISBN 9786090218709. eISBN 9786090218693. p. 158. [Dimensions] [M.kr.: T 005]
 34. [T1; LT] **Kaminskas, Rimvydas; Barauskas, Irmantas; Paliulis, Deividas.** The influence of calcined and sonicated kaolinite clay on the early cement hydration // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.50. ISBN 9786090218709. eISBN 9786090218693. p. 121. [Dimensions] [M.kr.: T

35. [T1; LT] **Matutytė, Neringa; Kybartienė, Nora**. The influence of treated coffee grounds on the properties of gypsum binder // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, OP2.08. ISBN 9786090218709. eISBN 9786090218693. p. 50. [Dimensions] [M.kr.: T 005]
36. [T1; LT] **Bronsiene, Asta; Kondrotas, Rokas; Naujokaitis, Arnas; Talaikis, Mantas; Ancutiene, Ingrida**. The metal-organic complex formation and application for the formation of thin tin sulfide films // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.13. ISBN 9786090218709. eISBN 9786090218693. p. 84. [Dimensions] [M.kr.: N 003, T 008]
37. [T1; LT] **Barauskienė, Ieva; Valatka, Eugenijus; Laukaitis, Giedrius**. The study on crystallinity of iron oxide coatings obtained by magnetron sputtering // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.14. ISBN 9786090218709. eISBN 9786090218693. p. 85. [Dimensions] [M.kr.: N 003, N 002]
38. [T1; LT] **Grigalevicius, Saulius; Blazelevicius, Dovydas; Siddiqui, Iram; Gautam, Prakash; Krucaite, Gintare; Tavgeniene, Daiva; Nagar, Mangey Ram; Jou, Jwo-Huei**. Twisted structure bicarbazole-substituted benzophenones as blue emitters in OLEDs // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.26. ISBN 9786090218709. eISBN 9786090218693. p. 97. [M.kr.: T 005]
39. [T1; LT] **Aliukonyte, Neda; Prichockiene, Edita; Valancius, Zenonas; Siauciunas, Raimundas**. Utilization of bypass dust in CO₂-hardening concrete // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.51. ISBN 9786090218709. eISBN 9786090218693. p. 122. [Dimensions] [M.kr.: T 005]
40. [T1; LT] **Siauciunas, Raimundas; Prichockiene, Edita; Kubiliute, Raimonda; Cesnauskas, Vytautas**. Xonotlite heat-resistant insulation materials from microsilica // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP1.39. ISBN 9786090218709. eISBN 9786090218693. p. 110. [Dimensions] [M.kr.: T 005]
41. [T1; LT] **Melnikas, Aistis; Ivanauskas, Remigijus; Žalenskienė, Skirma**. Structural characterizations of bismuth sulfide layers on FTO glass // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.45. ISBN 9786090218709. eISBN 9786090218693. p. 168. [Dimensions] [M.kr.: N 003]
42. [T1; LT] **Ivanauskas, Remigijus; Matijūnas, Mindaugas; Alaburdaite, Rasa; Žalenskienė, Skirma; Ancutiene, Ingrida**. Study of formation of cadmium sulfide layers on polypropylene film // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrauskas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024, PP2.43. ISBN 9786090218709. eISBN 9786090218693. p. 166. [Dimensions] [M.kr.: N 003]
43. [T1; UA; OA] **Petrosiute, V.; Stankevičienė, R.; Tumosiene, I.; Kantminiene, K.; Jonuskiene, I.** Evaluation of phytochemical, antioxidative and antibacterial activities in *Hypericum perforatum* L. callus cultures // Biopolymers and cell: BioGENext conference, 17–20 september 2024, Kyiv, Ukraine. Kyiv : Institute of Molecular Biology and Genetics of the NAS of Ukraine. ISSN 0233-7657. eISSN 1993-6842. 2024, vol. 40, no. 3, p. 243. DOI: 10.7124/bc.000ADD. [Dimensions] [M.kr.: N 003, T 005]
44. [T1; LT] **Bucinskas, Audrius; Bezikonny, Oleksandr; Arsenyan, Pavel; Petrenko, Alla; Wei, Zheng-Yu; Lee, Jiun-Haw; Volyniuk, Dmytro; Rashid, Ehsan Ullah; Chiu, Tien- Lung; Grazulevicius, Juozas Vidas**. Anthracene and carbazole-based derivatives exhibiting tta for blue doping-free and hyperfluorescent OLEDs // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-35, p. 77. [Dimensions] [M.kr.: T 008, T 005]
45. [T1; LT] **Rashid, Ehsan Ullah; Bezikonny, Oleksandr; Bucinskas, Audrius; Arsenyan, Pavel; Petrenko, Alla; Wei, Zheng-Yu; Lee, Jiun-Haw; Volyniuk, Dmytro; Chiu, Tien-Lung; Grazulevicius, Juozas Vidas**. Boosting blue OLED efficiency by harnessing triplet–triplet annihilation in advanced anthracenecarbazole derivatives for doping-free hyperfluorescence // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of

46. [T1; LT] **Bendoraitiene, Joana; Pavulyte, Giedruna; Liudvinaviciute, Dovile; Peculyte, Laura; Rutkaite, Ramune;** Varzinskas, Visvaldas. Chemical treatment methods of hemp seed husk for biocomposite application // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-26, p. 68. [Dimensions] [M.kr.: T 005]
47. [T1; LT] **Bezvikonnyi, Oleksandr; Gudeika, Dalius; Volyniuk, Dmytro; Stanitska, Mariia; Rashid, Ehsan Ullah; Navozenko, Oleksandr; Grazulevicius, Juozas Vidas.** Compounds exhibiting room temperature phosphorescence: effect of tert-butylation of carbazole // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-13, p. 55. [Dimensions] [M.kr.: T 008]
48. [T1; LT] **Volyniuk, Dmytro; Mahmoudi, Malek; Gudeika, Dalius; Bezvikonnyi, Oleksandr;** Stakhira, Pavlo; Fitio, Volodymyr; Fechan, Andriy; Yaremchuk, Iryna; Shymchyshyn, Olga; Melnykov, Serhiy; **Simokaitiene, Jurate; Grazulevicius, Juozas V.** Development of hyperfluorescent organic lightemitting diodes and liquid crystal lasers using bipolar light-emitting derivatives of 1,8-naphthalimide // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-15, p. 57. [Dimensions] [M.kr.: T 008, T 005]
49. [T1; LT] **Volyniuk, Lesia; Macionis, Simas; Gudeika, Dalius; Bezvikonnyi, Oleksandr;** Melnykov, Serhii; Guminilovich, Liliya; **Simokaitiene, Jurate; Keruckiene, Rasa; Volyniuk, Dmytro;** Stakhira, Pavlo; **Grazulevicius, Juozas V.** Development of organic light-emitting diodes using bipolar derivatives of carbazole and pyridine // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-14, p. 56. [Dimensions] [M.kr.: T 008, T 005]
50. [T1; LT] **Skuodis, Eigirdas;** Berenis, Domantas; Kreiza, Gediminas; **Grazulevičius, Juozas V.;** Kazlauskas, Karolis. Dibenzofuran-derived hosts for stable blue TADF-OLED applications // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-7, p. 49. [Dimensions] [M.kr.: T 005, N 002]
51. [T1; LT] **Ghasemi, Melika; Skhirtladze, Levani; Keruckiene, Rasa; Bezvikonnyi, Oleksandr; Mahmoudi, Malek; Volyniuk, Dmytro; Leitonas, Karolis;** Abd Nasir, Farah Hannan; Ariffin, Azhar; **Grazulevicius, Juozas V.** Effect of donor substituents on emission switching in trifluoromethylphenyl derivatives: from TADF to RTP for enhanced oxygen sensing // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-18, p. 60. [Dimensions] [M.kr.: T 008, T 005]
52. [T1; LT] **Pečiulytė, Laura; Jakubauskas, Rokas; Rutkaitė, Ramunė; Liudvinavičiūtė, Dovilė; Bendoraitienė, Joana; Baltakys, Kęstutis; Gineika, Andrius;** Varžinskas, Visvaldas. Effect of mineral particle additives on properties of thermoplastic cellulose acetate // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-16, p. 58. [Dimensions] [M.kr.: T 005]
53. [T1; LT] **Kuppusamy, Santhiya; Ghasemi, Melika; Grazulevicius, Juozas Vidas.** Effect on the donor moieties on emission properties and OLED performance of tetra substituted ethylene derivatives // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-22, p. 64. [Dimensions] [M.kr.: T 008]
54. [T1; LT] **Navikaite-Snipaitiene, Vesta; Liudvinaviciute, Dovile; Rutkaite, Ramune; Kitryte-Syrpa, Vaida; Syrpas, Michail.** Encapsulation of spirulina extract in starch sodium octenylsuccinate using spray-drying and freeze-drying techniques // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-10, p. 52. [Dimensions] [M.kr.: T 005]
55. [T1; LT] **Hamisu, A.M.; Andruleviciene, V.; Guzauskas, M.;** Ariffin, A.; **Grazulevicius, J.V.** Enhancement of triplet harvesting emission in dibenzo[a,c]imidazophenazine based compounds by modification of the donor substituents // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-20, p. 62. [Dimensions] [M.kr.: T 008]
56. [T1; LT] Butenaite, Gabriele; Milašienė, Daiva; **Ivanauskas, Remigijus.** Modification of differently treated linen weaving waste with copper-containing particles // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-39, p. 81. [Dimensions] [M.kr.: T 008, N 003]
57. [T1; LT] **Šereikaite, Vilte; Navaruckiene, Aukse; Ostrauskaite, Jolita.** P-4 Bio-based vitrimers for microimprint lithography // Baltic polymer symposium 2024: 22nd international scientific conference,

September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-4, p. 46. [Dimensions] [M.kr.: T 005]

58. [T1; LT] **Cekavičiute, Monika; Rashid, Ehsan Ullah; Simokaitiene, Jurate; Volyniuk, Dmytro;** Ivanyuk, Khrystyna; Stakhira, Pavlo; **Grazulevicius, Juozas Vidas.** Phenylethenyl-substituted phenoxazine and phenothiazine derivatives, exhibiting AIEE, applications in OLEDs // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-30, p. 72. [Dimensions] [M.kr.: T 008, T 005]
59. [T1; LT] **Vardanyan, Sh.; Macionis, S.; Simokaitiene, J.;** Durgaryan, N.; **Grazulevicius, J.V.** Phenyl-phenoxazine derivatives-containing cyano groups as near-infrared emitters // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, p. 38. [Dimensions] [M.kr.: T 005]
60. [T1; LT] Ishchenko, Olena; Plavan, Viktoriia; **Ostrauskaitė, Jolita;** Kuchynska, Dariya. Preparation and characterization of the wound dressings films based on citric acid modified starch and polyvinyl alcohol // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-41, p. 83. [Dimensions] [M.kr.: T 005]
61. [T1; LT] **Savickė, Miglė; Rutkaitė, Ramunė;** Klimkevičius, Vaidas. Study of dual responsive chitosan-graft-poly(N-isopropylacrylamide) copolymers // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-11, p. 53. [Dimensions] [M.kr.: T 005]
62. [T1; LT] **Dvylys, Lukas; Keruckienė, Rasa; Gužauskas, Matas; Ghasemi, Melika; Gražulevičius, Juozas Vidas.** Synthesis and characterization of thianthrene derivatives for oxygen sensing applications // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-6, p. 48. [Dimensions] [M.kr.: T 008]
63. [T1; LT] **Kaur, Khushdeep; Dabulienė, Asta; Rashid, Ehsan Ullah; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas.** Synthesis and study of organic emitters with subnanosecond emission for fast OLEDs // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-24, p. 66. [Dimensions] [M.kr.: T 008, T 005]
64. [T1; LT] **Stanitska, Mariia;** Deva, Lilia; Skhirtladze, Levani; Baryshnikov, Glib; **Volyniuk, Dmytro;** Stakhira, Pavlo; **Gražulevičius, Juozas Vidas.** Tuning the origin of delayed emission in donor-ornamented benzodioxinoquinoxalines: theoretical and experimental study // Baltic polymer symposium 2024: 22nd international scientific conference, September 17-19, 2024, Birštonas, Lithuania: book of abstracts. Kaunas : Kaunas University of Technology. ISSN 3030-1378. 2024, P-27, p. 69. [Dimensions] [M.kr.: T 008, T 005]
65. [T1; SI; OA] **Jūrienė, L.; Grabauskaitė, R.; Pukalskienė, M.; Venskutonis, P.R.** Recovery of valuable cosmetic ingredients from berry seeds and pomace using sub/supercritical extraction methods, and their application for cream // 20th European meeting on supercritical fluids: [26-29 May 2024, Maribor, Slovenia]: book of abstracts / editors Ž. Knez, M. Pantić, D. Čör Andrejč. Maribor : University of Maribor press, 2024. ISBN 9789612868901. p. 121-123. [Dimensions] [M.kr.: T 005]
66. [T1; SI; OA] **Jovaišaitė, J.; Jūrienė, L.;** Kalamouni, C. El; Kukuła-Koch, W.; Szczeblewski, P.; **Venskutonis, P.R.** Subcritical water extraction of Vincetoxicum spp. leaves: a promising approach for isolation of antiviral compounds targeting Zika virus // 20th European meeting on supercritical fluids: [26-29 May 2024, Maribor, Slovenia]: book of abstracts / editors Ž. Knez, M. Pantić, D. Čör Andrejč. Maribor : University of Maribor press, 2024. ISBN 9789612868901. p. 142-143. [Dimensions] [M.kr.: T 005]
67. [T1; LT] **Stanitska, Mariia;** Deva, Lilia; Schirtladze, Levani; Baryshnikov, Glib; **Volyniuk, Dmytro;** Stakhira, Pavlo; **Grazulevicius, Juozas Vidas.** Donor-ornamented derivatives of benzodioxinoquinoxaline enabling solid-state-enhanced RTP/TADF and high charge carrier mobilities // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P41, p. 74. [Dimensions] [M.kr.: T 008]
68. [T1; LT] **Kaur, Khushdeep; Dabulienė, Asta; Grazulevicius, Juozas Vidas.** Donor- π -acceptor (D- π -A) based solid state emitters for organic light emitting diodes (OLEDs) // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P37, p. 70. [Dimensions] [M.kr.: T 005]
69. [T1; LT] **Volyniuk, Dmytro;** Stanitska, Mariia; Deva, Lilia; **Ghasemi, Melika; Stakhira, Pavlo;** Grazulevicius, Juozas Vidas. Enhancement of efficiency of red organic lightemitting diodes based on a new derivative of phenazine and diphenylamine by a quantum well approach // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P28, p. 61. [Dimensions] [M.kr.: T 008]
70. [T1; LT] **Bezvikonnyi, Oleksandr.** Exploitation of triplet emission in organic electroluminescent devices and

optical sensors // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, p. 25. [Dimensions] [M.kr.: T 005, N 002]

71. [T1; LT] **Ghasemi, Melika**; Gavale, Ramakant; Khan, Faizal; **Volyniuk, Dmytro**; **Gražulevičius, Juozas Vidas**; Misra, Rajneesh. Harnessing twisted phenothiazine and phenothiazine sulfone derivatives as emitters and HTMs for efficient doping free fluorescent and multiple-resonance TADF OLEDs // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P43, p. 76. [Dimensions] [M.kr.: T 008]
72. [T1; LT] **Tiskute, Monika**; **Baltakys, Kestutis**; **Dambrauskas, Tadas**. Influence of Zn²⁺ ions on the crystallization of calcium phosphates under hydrothermal // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P51, p. 85. [Dimensions] [M.kr.: T 005]
73. [T1; LT] **Didžiulytė, Eglė**; **Šlinkšienė, Rasa**. Is the biogas production waste a suitable source of plants nutrients? // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P2, p. 33. [Dimensions] [M.kr.: N 003]
74. [T1; LT] **Mohammed, Hamisu Aliyu**; **Andruleviciene, Viktorija**; **Guzauskas, Matas**; **Grazulevicius, Juozas Vidas**. Modulating luminescence and charge transporting properties of dibenzo[a,c]imidazophenazine-based emitters by changing the donor substituents // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P25, p. 58. [Dimensions] [M.kr.: T 005, T 008]
75. [T1; LT] **Drevilkauskaitė, Aida**; **Magomedov, Artiom**; **Getautis, Vytautas**. Monolayers with carbazole moiety and different functional groups for perovskite solar cells // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P72, p. 109. [Dimensions] [M.kr.: N 003]
76. [T1; LT] **Bucinskas, Audrius**; Arsenyan, Pavel; Chiu, Tien-Lung; **Bezvikonnyi, Oleksandr**; **Volyniuk, Dmytro**; **Grazulevicius, Juozas Vidas**. New anthracene and alkoxycarbazole-based derivatives for TTA-OLEDs // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P27, p. 60. [Dimensions] [M.kr.: T 005]
77. [T1; LT] Berenis, Domantas; **Butkutė, Rita**; Kreiza, Gediminas; Puidokas, Giedrius; **Jašinskaitė-Koženiauskienė, Vaida**; Kazlauskas, Karolis. Novel host materials for stable blue thermally activated delayed fluorescence OLEDs // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P29, p. 62. [M.kr.: T 005, N 002]
78. [T1; LT] **Melnikas, Aistis**; **Žalenkienė, Skirma**. Optical characterization of bismuth sulfide film deposited on FTO glass // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P8, p. 40. [Dimensions] [M.kr.: N 003]
79. [T1; LT] **Abdella, Mohamed Hassan Saad**; **Guzauskas, Matas**; **Simokaitiene, Jurate**; **Grazulevicius, Juozas Vidas**. Quinoxaline-based derivatives as red emission organic luminophores, synthesis and investigation // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P44, p. 77. [Dimensions] [M.kr.: T 008]
80. [T1; LT] **Rashid, Ehsan Ullah**; **Cekaviciute, Monika**; **Simokaitiene, Jurate**; **Grazulevicius, Juozas Vidas**; **Volyniuk, Dmytro**; Ivaniuk, Khrystyna; Stakhira, Pavlo. Unlocking the potential of phenylethenyl-substituted phenoxazine and phenothiazine derivatives: aggregation-induced emission enhancement for high-performance, non-doped OLEDs // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P30, p. 63. [Dimensions] [M.kr.: T 008]
81. [T1; LT] **Pocienė, Odeta**; **Šlinkšienė, Rasa**. Use of environmentally friendly and biodegradable organic materials in granular fertilizers // Advanced materials and technologies: book of abstracts of 26th international conference-school, 26-30 August 2024, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2024, P17, p. 49. [Dimensions] [M.kr.: T 005]
82. [T1; LT; OA] **Tavgeniene, Daiva**; **Beresneviciute, Raminta**; **Krucaite, Gintare**; Swayamprabha, Sujith Sudheendran; 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 // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 182. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]

83. [T1; LT; OA] **Gaižauskaitė, Žydrūnė; Žvirdauskienė, Renata; Žadeikė, Daiva.** Application and optimization of the aspergillus niger extracellular enzyme system for the degradation of sugar beet pulp (SBP) // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 363. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
84. [T1; LT; OA] **Steigvilaitė, Gabija;** Vaičiulytė, Lina. Application of sustainable technological solutions for the development of fermented plant products // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 367. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
85. [T1; LT; OA] **Blazevicius, Dovydas;** Siddiqui, Iram; Gautam, Prakash; **Krucaite, Gintare; Tavgeniene, Daiva;** Nagar, Mangey Ram; Kumar, Krishan; Banik, Subrata; Jou, Jwo-Huei; **Grigalevicius, Saulius.** Benzophenone-based twisted donor-acceptor-donor derivatives as blue emitters for highly efficient fluorescent OLEDs // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 269. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005, N 003]
86. [T1; LT; OA] **Pocevičienė, Indrė; Jūrienė, Laura; Pukalskas, Audrius; Baranauskienė, Renata; Venskutonis, Petras Rimantas.** Black currant seeds a source of bioactive compounds with profound health benefits // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 244. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005, N 003]
87. [T1; LT; OA] **Abdella, Mohamed Hassan Saad; Simokaitiene, Jurate; Grazulevicius, Juozas Vidas.** Bromoquinoxaline derivatives as organic room temperature phosphorescence: synthesis and investigation // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 181. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
88. [T1; LT; OA] **Buidovas, Paulius;** Eimontas, Justas; Skvorčinskienė, Raminta. Carbon supported metal catalyst from seaweed-derived bio-char preparation and characterization via chemisorption // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 112. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 006]
89. [T1; LT; OA] **Kutraite, Ingrida; Augustiniene, Ernesta; Malys, Naglis.** Characterization, development, and application of gentisic acid biosensors // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 371. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003, T 005]
90. [T1; LT; OA] **Šermukšnytė, Aida;** Petrikaitė, Vilma; **Kantminienė, Kristina; Jonuškienė, Ilona; Tumosienė, Ingrida.** Design and investigation of 1,2,4-triazole-3-yl thioacetohydrazides bearingaldimine moiety as biologically active agents // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 103. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [M.kr.: N 003, M 003]
91. [T1; LT; OA] **Galkauskaitė, Emilija; Rutkaite, Ramune; Kitrytė-Syrpa, Vaida; Liudvinaviciute, Dovile; Syrpas, Michail.** Development of orally disintegrating films based on biopolymers and plant extracts // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 239. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
92. [T1; LT; OA] **Kaur, Khushdeep; Dabulienė, Asta; Grazulevicius, Juozas Vidas.** Dicyanoisophorone based solid state emitters for organic light emitting diodes // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 286. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
93. [T1; LT; OA] **Ghasemi, Melika;** Gavale, Ramakant; Khan, Faizal; **Volyniuk, Dmytro; Grazulevicius, Juozas Vidas;** Misra, Rajneesh. Exploring phenothiazine and its derivatives: htns for efficient doping free fluorescent and multiple-resonance TADF OLEDs // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis.

Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 174. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]

94. [T1; LT; OA] **Kovševič, Arnas; Jaglinskaitė, Indrė; Kederienė, Vilija.** Functionalization and properties investigations of benzothiophene derivatives // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 203. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
95. [T1; LT; OA] **Lekavičius, Domantas; Keruckienė, Rasa; Gužauskas, Matas; Gražulevičius, Juozas V.** Impact of tertiary amino linkages on the properties of electroactive phenothiazinyl-based compounds // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 274. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 008]
96. [T1; LT; OA] Filipas, Illia; **Marčinskas, Mantas; Magomedov, Artiom; Steponaitis, Matas.** Improving the stability of perovskite films in ambient conditions // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 193. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
97. [T1; LT; OA] **Jašinskaitė, Goda; Venskutonis, Petras Rimantas;** Ragažinskienė, Ona. Magical Mandragora officinarum L.: unlocking the secrets of phytochemistry and bioactivities // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 284. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005, N 003]
98. [T1; LT; OA] **Beresneviciute, Raminta;** Gautam, Prakash; Nagar, Manjey Ram; **Krucaite, Gintare; Tavgeniene, Daiva;** Jou, Jwo-Huei; **Grigalevicius, Saulius.** Naphtalimide-based derivatives enabling high-efficiency oleds // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 273. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
99. [T1; LT; OA] **Ūsovienė, Eglė; Griškonis, Egidijus.** Natural graphite and iron sulfide used as negative electrode materials for sodium-ion batteries // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 172. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
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101. [T1; LT; OA] **Navikaite-Snipaitiene, Vesta; Galkauskaite, Emilija; Liudvinaviciute, Dovile; Rutkaite, Ramune; Kitryte-Syrpa, Vaida; Syrpas, Michail.** Preparation and characterization of encapsulated microalgae extract from arthrospira platensis // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 382. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
102. [T1; LT; OA] **Liudvinavičiūtė, Dovilė; Galkauskaitė, Emilija; Navikaitė-Šnipaitienė, Vesta; Kitrytė-Syrpa, Vaida; Syrpas, Michail; Rutkaitė, Ramunė.** Preparation and investigation of multi-layered orally disintegrating films // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 243. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
103. [T1; LT; OA] Zsiros, Boldizsár; **Barauskiene, Ieva;** Farkas, Attila; **Ancutiene, Ingrida; Bronusiene, Asta.** Raman assisted study of the impact of annealing temperature for the formation and structure changes for tin sulfide films // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 148. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
104. [T1; LT; OA] **Savicke, Migle; Rutkaite, Ramune.** Responsive behavior of graft copolymers based on chitosan // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024.

ISBN 9786090710517. p. 271. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]

105. [T1; LT; OA] **Gruodis, Simonas; Anusevičius, Kazimieras; Grybaitė, Birutė; Jonuškienė, Ilona; Sapijanskaitė-Banevič, Birutė; Mickevičius, Vytautas.** Synthesis and in silico analysis of 3-(1-(3-tolyl)thioureido)propanoic acid derivatives as arachidonic acid metabolic pathway inhibitors // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 304. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
106. [T1; LT; OA] **Šreikaitė, Viltė; Navaruckienė, Auksė; Ostrauskaitė, Jolita.** Synthesis and investigation of natural oil-based shape-memory photopolymers // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 283. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
107. [T1; LT; OA] **Kazlauskaitė, Brigita; Grauzėlienė, Sigita; Ostrauskaitė, Jolita.** Synthesis and investigation of vanillin-based vitrimers // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 196. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
108. [T1; LT; OA] **Pranaitytė, Guoda; Grybaitė, Birutė; Mickevičius, Vytautas; Petrikaitė, Vilma; Endriulaitytė, Ugnė.** Synthesis of 1-(2,4-difluorophenyl)-5-oxopyrrolidine-3-carboxylic acid derivatives and investigation of their anticancer activity // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 88. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003, M 003]
109. [T1; LT; OA] **Kaleininkaitė, Guostė; Drevilkauskaitė, Aida; Getautis, Vytautas; Magomedov, Artiom.** Synthesis of carbazole-based material with acceptor moieties for perovskite solar cell technology // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 266. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
110. [T1; LT; OA] **Grybaitė, Birutė; Sapijanskaitė-Banevič, Birutė; Vaickelionienė, Rita; Anusevičius, Kazimieras; Mickevičius, Vytautas.** Synthesis of new 3-(2-oxobenzodioxazol-3(2H)-yl)propanoic acid derivatives // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 238. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
111. [T1; LT; OA] **Jakubauskas, Rokas; Rutkaitė, Ramunė; Liudvinavičiūtė, Dovilė; Pečiulytė, Laura; Bendoraitienė, Joana; Baltakys, Kęstutis; Gineika, Andrius.** Thermoplastic cellulose acetate composites with inorganic fillers // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 282. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]
112. [T1; LT; OA] **Dvylys, Lukas; Keruckienė, Rasa; Gužauskas, Matas; Ghasemi, Melika; Gražulevičius, Juozas Vidas.** Thianthrene-based compounds for oxygen sensing applications // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 272. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 008, N 003]
113. [T1; LT; OA] **Augustiniene, Ernesta; Kutraite, Ingrida; Jonuskiene, Ilona; Malys, Naglis.** Towards whole-cell biosensor development for monitoring naturally occurring phenolic acids // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 348. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003, T 005]
114. [T1; LT; OA] **Drevilkauskaitė, Aida; Magomedov, Artiom; Getautis, Vytautas.** Triphenylamine-based monolayers for optoelectronic devices // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R. Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 180. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: N 003]
115. [T1; LT; OA] **Rashid, Ehsan Ullah; Cekaviciute, Monika; Simokaitiene, Jurate; Grazulevicius, Juozas Vidas; Volyniuk, Dmytro; Ivanyuk, Khrystyna; Stakhira, Pavlo.** Tri/tetraphenylethenylcoupled phenoxazine and phenothiazine based highly fluorescent materials showing aiee for OLEDs // Open readings 2024: the 67th international conference for students of physics and natural sciences: book of abstracts / editors: M. Keršys, R.

Naina, V. Adomaitis, E. Maskvytis. Vilnius : Vilnius University Press, 2024. ISBN 9786090710517. p. 176. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 46). [Dimensions] [M.kr.: T 005]

116. [T1; ES; OA] **Luizys, Povilas**; Xia, Jianxing; **Daskeviciene, Maryte**; Jankauskas, Vygintas; **Rakstys, Kasparas**; **Getautis, Vytautas**; Nazeeruddin, Mohammad Khaja. Flexible hole-transporting materials with N-carbazolyl-based chromophores linked via aliphatic chain for perovskite solar cells // Proceedings of international conference on hybrid and organic photovoltaics (HOPV24), València, Spain, 12-15 May 2024. [S.l.] : Fundacio SCITO. 2024, p. 1. DOI: 10.29363/nanoge.hopv.2024.142. [Dimensions] [M.kr.: N 003]

Kitos konferencijų pranešimų tezės ir straipsniai nerecenzuojamoje konferencijų pranešimų medžiagoje

1. [T3; BE] **Meldaikytė, Ineta**; Ruzgys, Paulius; **Kederienė, Vilija**. Investigation of bipyrazole derivatives // One Health drugs marathon days: One Health drugs against parasitic vector borne diseases in Europe and beyond, Cost Action CA21111: 25-28 November 2024: book of abstracts. Brussels : COST Association. 2024, p. 8. [M.kr.: N 003]
2. [T3; US] **Gaižauskaitė, Žydrūnė**; **Žvirdauskienė, Renata**; **Žadeikė, Daiva**. Selection of potential cellulolytic filamentous fungal strains for the effective degradation of sugar beet processing by-products lignocelluloses // 10th international conference on food chemistry and technology, FCT-2024, November 25-27, 2024, Valencia, Spain: abstracts. Plano, TX : USG United Scientific Group. 2024, p. 58. [M.kr.: T 005]
3. [T3; BE] **Bartkeviciute, I.**; **Kederiene, V.**; **Malinauskiene, V.**; Zukauskaitė, A.; Kadlecova, A.; Jirsa, B. Synthesis of substituted oxadiazoles and evaluation of anthelmintic properties // One Health drugs marathon days: One Health drugs against parasitic vector borne diseases in Europe and beyond, Cost Action CA21111: 25-28 November 2024: book of abstracts. Brussels : COST Association. 2024, p. 9. [M.kr.: N 003]
4. [T2; UA] **Čalkaitė, I.**; **Jonuškienė, I.** Effect of growth hormones on biologically active compounds and antioxidant properties of purple basil (*Ocimum basilicum* var. *Purpurascens*) callus cultures // Належні рішення для прогалин у фармації: відповідно до європейських пріоритетів: II міжнародна студентська науково-практична конференція, 14–15 листопада 2024, Львів: збірник наукових праць = Good solutions for gaps in pharmacy: in line with the European priorities: II international student scientific and practical conference, November 14–15, 2024, Lviv: collection of scientific works. Lviv : Lviv Polytechnic National University, 2024. ISBN 9789669419788. p. 116-117. [M.kr.: N 003]
5. [T3; GB] **Tavgeniene, Daiva**; **Krucaite, Gintare**; **Beresneviciute, Raminta**; **Grigalevicius, Saulius**; Hong, Jian-Sheng; Chen, Kuan-Wei; Chen, Yu-Hsuan; Chang, Chih-Hao. Efficient blue non-doped OLEDs with new tetraphenylethene-based aggregation-induced emission molecules // International conference on materials science and engineering, Rome, Italy, November 14-15, 2024. London : Prentis. 2024, p. 26. [M.kr.: T 005, N 003]
6. [T2; UA] **Mazurkevičiūtė, M.**; **Jonuškienė, I.** Evaluation of antioxidant activities in *Catharanthus roseus* callus cultures // Належні рішення для прогалин у фармації: відповідно до європейських пріоритетів: II міжнародна студентська науково-практична конференція, 14–15 листопада 2024, Львів: збірник наукових праць = Good solutions for gaps in pharmacy: in line with the European priorities: II international student scientific and practical conference, November 14–15, 2024, Lviv: collection of scientific works. Lviv : Lviv Polytechnic National University, 2024. ISBN 9789669419788. p. 93. [M.kr.: N 003]
7. [T2; UA] **Anisimenkaitė, L.**; **Žvirdauskienė, R.**; **Baranauskienė, R.** Investigation of volatile plant extract fungicidal activity // Належні рішення для прогалин у фармації: відповідно до європейських пріоритетів: II міжнародна студентська науково-практична конференція, 14–15 листопада 2024, Львів: збірник наукових праць = Good solutions for gaps in pharmacy: in line with the European priorities: II international student scientific and practical conference, November 14–15, 2024, Lviv: collection of scientific works. Lviv : Lviv Polytechnic National University, 2024. ISBN 9789669419788. p. 97-98. [M.kr.: T 005]
8. [T2; UA] **Kiltinavičius, J.**; **Kantminienė, K.**; **Tumosienė, I.** Synthesis and admet evaluation of 2-pyrrolidinone-azole derivatives // Належні рішення для прогалин у фармації: відповідно до європейських пріоритетів: II міжнародна студентська науково-практична конференція, 14–15 листопада 2024, Львів: збірник наукових праць = Good solutions for gaps in pharmacy: in line with the European priorities: II international student scientific and practical conference, November 14–15, 2024, Lviv: collection of scientific works. Lviv : Lviv Polytechnic National University, 2024. ISBN 9789669419788. p. 19. [M.kr.: N 003]
9. [T2; UA] **Pranaitytė, G.**; **Grybaitė, B.**; **Mickevičius, V.** Synthesis and investigation of 3-((2,4-difluorophenyl)amino)propanoic acid derivatives // Належні рішення для прогалин у фармації: відповідно до європейських пріоритетів: II міжнародна студентська науково-практична конференція, 14–15 листопада 2024, Львів: збірник наукових праць = Good solutions for gaps in pharmacy: in line with the European priorities: II international student scientific and practical conference, November 14–15, 2024, Lviv: collection of scientific works. Lviv : Lviv Polytechnic National University, 2024. ISBN 9789669419788. p. 149-150. [M.kr.:

10. [T2; UA] **Starkauskaitė, A.; Grybaitė, B.; Mickevičius, V.** Synthesis of 3-(substituted phenylamino)benzenesulfonamide // Належні рішення для прогалін у фармації: відповідно до європейських пріоритетів: II міжнародна студентська науково-практична конференція, 14–15 листопада 2024, Львів: збірник наукових праць = Good solutions for gaps in pharmacy: in line with the European priorities: II international student scientific and practical conference, November 14–15, 2024, Lviv: collection of scientific works. Lviv : Lviv Polytechnic National University, 2024. ISBN 9789669419788. p. 99. [M.kr.: N 003]
11. [T3; GB] **Krucaite, Gintare;** Ho, Cheng-Yung; **Beresneviciute, Raminta; Blazelevicius, Dovydas;** Lin, Wei-Han; Lu, Jhao-Cheng; Lin, Chang-Yu; **Grigalevicius, Saulius;** Chang, Chih-Hao. Triphenylethene-carbazole-based molecules for the realization of blue and white aggregation-induced emission OLEDs // International conference on materials science and engineering, Rome, Italy, November 14-15, 2024. London : Prezentis. 2024, p. 25. [M.kr.: N 003, T 005]
12. [T2; DE] **Masionė, G.; Čiužas, D.; Krugly, E.;** Tichonovas, M.; **Prasauskas, T.; Martuzevičius, D.** Biobased polymer alternatives for melt blown filtering materials // FILTECH 2024: The filtration event: international conference & exhibition for filtration and separation technology, November 12-14, 2024, Cologne, Germany: abstract book. Meerbusch : Filtech Exhibitions, 2024. ISBN 9783941655225. p. 14. [M.kr.: T 004]
13. [T2; DE] **Masionė, G.; Čiužas, D.; Krugly, E.;** Tichonovas, M.; **Prasauskas, T.; Martuzevičius, D.** Layered electrospun nano/microfibrous filtering materials from biobased polymers // FILTECH 2024: The filtration event: international conference & exhibition for filtration and separation technology, November 12-14, 2024, Cologne, Germany: abstract book. Meerbusch : Filtech Exhibitions, 2024. ISBN 9783941655225. p. 15. [M.kr.: T 004]
14. [T2; LT] **Klydžiūtė, Gabrielė; Gliaudytė, Laura;** Yang, Thomas C-K.; **Vasiliauskienė, Dovilė; Pakalniškis, Andrius;** Sokol, Denis; **Kareiva, Aivaras.** Synthesis and characterization of layered double hydroxides (LDH) replacing the M2+/M3+ Ions with zinc, copper and lanthanum // The 6th International Conference on Rare Earth Materials (REMAT 2024): advances in synthesis, studies and applications, Vilnius, Lithuania, October 20-23, 2024: book of abstracts. Vilnius : Vilniaus universitetas, 2024. ISBN 9786090711026. p. 84. [M.kr.: T 005, T 008, N 004]
15. [T3; UA; OA] **Kantminienė, K.; Šermukšnytė, A.; Jonuškienė, I.; Tumosienė, I.** 1,2,4-triazole-3-thione derivatives bearing 2-aminopyridine moiety: synthesis and biological activity // Матеріали XXVI Української конференції з органічної та біоорганічної хімії, Ужгород, 16-20 вересня 2024 р. Ужгород : Ужгородський національний університет. 2024, 3-39, p. 220. [M.kr.: N 003]
16. [T3; UA; OA] **Svideravičiūtė, A.; Stankevičienė, R.; Tumosienė, I.; Kantminienė, K.; Jonuškienė, I.** Quantitative evaluation of phytochemicals in callus cultures of *Calendula officinalis* L. extracts // Матеріали XXVI Української конференції з органічної та біоорганічної хімії, Ужгород, 16-20 вересня 2024 р. Ужгород : Ужгородський національний університет. 2024, 3-37, p. 218. [M.kr.: N 003]
17. [T3; UA; OA] **Tumosienė, I.; Jonuškienė, I.; Kantminienė, K.** Synthesis and antioxidant activity of 5-oxo-1-(4-(phenylamino)phenyl)pyrrolidine-3-carbohydrazide derivatives // Матеріали XXVI Української конференції з органічної та біоорганічної хімії, Ужгород, 16-20 вересня 2024 р. Ужгород : Ужгородський національний університет. 2024, 3-43, p. 224. [M.kr.: N 003]
18. [T2; LT] **Kubiliute, Raimonda; Svedaite, Evelina;** Pitak, Inna; **Sholokhova, Anastasiia.** Textile ash waste utilization in cement stone // 2nd Central and Eastern European conference on physical chemistry & material science (CEEC-PCMS2): 16-19 September 2024, Kaunas, Lithuania: book of abstracts / E. Valatka, K. Baltakys, T. Dambrasukas, G. Šarapajevaitė (eds.). Kaunas : Kaunas University of Technology, 2024. ISBN 9786090218709. eISBN 9786090218693. p. 101. [M.kr.: T 006, T 005]
19. [T3; DK] **Rutkaite, Ramune;** Jakstas, Valdas; **Jonuskiene, Ilona; Navikaite Snipaitiene, Vesta;** Rukuiziene, Zaneta; **Tamulevičienė, Asta.** Immobilization of rosemary, clove and thyme essential oils in electrospun cellulose acetate fibers for active food packaging applications // The 4th circularity conference re-thinking packaging for circular & sustainable food supply chains of the future, Aarhus, Denmark, 11-13 September 2024: book of abstracts. Aarhus : Aarhus University. 2024, p. 53. [M.kr.: T 008, M 003]
20. [T3; IT] **Abbas, S.; Juriene, L.; Venskutonis, P.R.** Biorefining of *Desmodium canadense* leaves into bioactive fractions by consecutive extraction with supercritical CO₂ and increasing polarity pressurized solvents // IUFOST 2024: 22nd World congress of food science and technology: the future of food is now: development, functionality & sustainability: September 8-12, 2024, Rimini, Italy: abstract book. Rimini : IUFOST. 2024, 4.15.1. P.15.069, p. 500-501. [M.kr.: T 005]
21. [T3; IT] **Pocviciene, I.; Juriene, L.; Sipailiene, A.; Pukalskiene, M.; Baranauskiene, R.; Venskutonis, P.R.** Different yeast action during black currant pomace fermentation: metabolite changes during biotransformation and possible reaction products // IUFOST 2024: 22nd World congress of food science and technology: the future of food is now: development, functionality & sustainability: September 8-12, 2024, Rimini, Italy: abstract book. Rimini : IUFOST. 2024, 3.59.4. p. 324. [M.kr.: T 005]
22. [T3; IT] **Venskutonis, P.R.; Juriene, L.; Pukalskiene, M.** High nutritional value lipids recovered by supercritical carbon dioxide from small fruit processing by-products and waste // IUFOST 2024: 22nd World congress of food science and technology: the future of food is now: development, functionality & sustainability:

September 8-12, 2024, Rimini, Italy: abstract book. Rimini : IUFoST. 2024, 4.3.35. P.03.091, p. 380-381. [M.kr.: T 005]

23. [T3; IT] **Venskutonis, P.R.; Juriene, L.; Pukalskiene, M.; Kazernaviciute, R.; Baranauskiene, R.** Innovative biorefining of botanicals for nutraceutical and functional food applications // IUFoST 2024: 22nd World congress of food science and technology: the future of food is now: development, functionality & sustainability: September 8-12, 2024, Rimini, Italy: abstract book. Rimini : IUFoST. 2024, 3.38.3. p. 231-232. [M.kr.: T 005]
24. [T3; IT] **Aboobacker, S.; Bilgin, H.; Kazernaviciute, R.; Sipailiene, A.; Kitryte-Syrpa, V.; Syrpas, M.** Physicochemical transformations during fermentation of *Arthospira platensis* extracts // IUFoST 2024: 22nd World congress of food science and technology: the future of food is now: development, functionality & sustainability: September 8-12, 2024, Rimini, Italy: abstract book. Rimini : IUFoST. 2024, 4.1.19. P.01.019, p. 338. [M.kr.: T 005]
25. [T3; IT] **Navikaite-Snipaitiene, V.; Galkauskaitė, E.; Liudvinaviciute, D.; Rutkaite, R.; Kitryte-Syrpa, V.; Syrpas, M.** Preparation and characterization of microalgae extract encapsulated in starch sodium octenylsuccinate // IUFoST 2024: 22nd World congress of food science and technology: the future of food is now: development, functionality & sustainability: September 8-12, 2024, Rimini, Italy: abstract book. Rimini : IUFoST. 2024, 4.22.57. P.22.060, p. 623. [M.kr.: T 005]
26. [T3; IT] **Poceviciene, I.; Juriene, L.; Venskutonis, P.R.; Pukalskas, A.** Utilizing functional compounds extracted from black currant pomace for the production of high-value food products // IUFoST 2024: 22nd World congress of food science and technology: the future of food is now: development, functionality & sustainability: September 8-12, 2024, Rimini, Italy: abstract book. Rimini : IUFoST. 2024, 4.24.51. P.24.128, p. 662. [M.kr.: T 005]
27. [T3; CH] **Jovaišaitė, Jovita; Markevičius, Vytenis; Jankevičiūtė, Silvija; Jūrienė, Laura.** Bioactive compound extraction from *Vincetoxicum* spp. leaves: antioxidant activities and neurotoxicity assessment on brain cells // EFMC-YMCS 2024: 11th EFMC young medicinal chemists' symposium, Rome, Italy, September 5-6, 2024. Bern : European Federation for Medicinal Chemistry and Chemical Biology. 2024, P123, p. 173. [M.kr.: N 003, N 010]
28. [T3; CH] **Užupis, Marius; Syrpas, Michail; Kitrytė-Syrpa, Vaida.** Optimization of pressurised liquid extraction for efficient extraction of valuable hydrophilic antioxidant extracts from *Inula salicina* L. // EFMC-YMCS 2024: 11th EFMC young medicinal chemists' symposium, Rome, Italy, September 5-6, 2024. Bern : European Federation for Medicinal Chemistry and Chemical Biology. 2024, P148, p. 198. [M.kr.: T 005]
29. [T2; BG; OA] **Gudinskaitė, Goda; Paleckienė, Rasa.** Influence of ultrasound in the production of Frass extracts // Material science: nonequilibrium phase transformations: X international scientific conference, 02-05 September 2024, Varna, Bulgaria: proceedings. Sofia : Scientific Technical Union of Mechanical Engineering "Industry-4.0". ISSN 2535-0218. eISSN 2535-0226. 2024, vol. 8, iss. 1, p. 50. [M.kr.: T 005]
30. [T2; BG; OA] **Didžiulytė, Eglė; Šlinkšienė, Rasa.** Use of an ultrasonic bath in the production of digestate extracts // Material science: nonequilibrium phase transformations: X international scientific conference, 02-05 September 2024, Varna, Bulgaria: proceedings. Sofia : Scientific Technical Union of Mechanical Engineering "Industry-4.0". ISSN 2535-0218. eISSN 2535-0226. 2024, vol. 8, iss. 1, p. 51. [M.kr.: T 005]
31. [T3; IT] **Šachlevičiūtė, Urtė; Gonzalez, Gabriel; Kleizienė, Neringa; Bieliauskas, Aurimas; Kvasnicová, Marie; Štěpánková, Šárka; Zatloukal, Marek; Kvasnica, Miroslav; Strnad, Miroslav; Sløk, Frank A.; Šačkus, Algirdas; Žukauskaitė, Asta.** 3-arylazetidiny acetic acid methyl ester derivatives: synthesis and neuroprotective activity // EFMC-ISMIC international symposium on medicinal chemistry, Rome, Italy, September 1-5, 2024: book of abstracts. Roma : Italian Chemical Society. 2024, P335, p. 345. [M.kr.: N 003]
32. [T3; IT] **Milišūnaitė, Vaida; Řezníčková, Eva; Solovjova, Joana; Arbačiauskienė, Eglė; Žukauskaitė, Asta; Kryštof, Vladimír; Šačkus, Algirdas.** Synthesis and biological investigation of 2,6-substituted 2h-pyrazolo[4,3-c]pyridines // EFMC-ISMIC international symposium on medicinal chemistry, Rome, Italy, September 1-5, 2024: book of abstracts. Roma : Italian Chemical Society. 2024, P392, p. 373. [M.kr.: N 003]
33. [T3; HR] **Beresneviciute, Raminta; Gautam, Prakalp; Nagar, Mangey Ram; Krucaite, Gintare; Tavgeniene, Daiva; Kirstukas, Mantas; Jou, Jwo-Huei; Grigalevicius, Saulius.** Naphtalimide-based bipolar derivatives achieving high-efficiency OLEDs // 5th international congress on advanced materials sciences and engineering (AMSE-2024), July 23-26, 2024, Opatija, Croatia: abstract book. Rijeka : University of Rijeka. 2024, poster ID: AMSE2024-26, p. 222. [M.kr.: N 003]
34. [T3; HR] **Blazevicius, Dovydas; Siddiqui, Iram; Gautam, Prakalp; Tavgeniene, Daiva; Grigalevicius, Saulius; Jou, Jwo-Huei.** Twisted benzophenone-bicarbazole derivatives as blue emitters for efficient organic light-emitting diodes // 5th international congress on advanced materials sciences and engineering (AMSE-2024), July 23-26, 2024, Opatija, Croatia: abstract book. Rijeka : University of Rijeka. 2024, poster ID: AMSE2024-27, p. 223. [M.kr.: N 003]
35. [T3; PT] **Zagorskytė, Inesa; Bieliauskas, Aurimas; Pukalskienė, Milda; Rollin, Patrick; Arbačiauskienė, Eglė; Šačkus, Algirdas.** Glycerol-1,2-carbonate: an efficient reagent for the N-glycerylation of pyrazolecarboxylates // ISHC 2024: book of abstracts of the 29th International Society of Heterocyclic

36. [T3; CH] Andziukevičiūtė-Jankūnienė, Akvilė; Adomavičiūtė, Erika; Balčiūnaitienė, Aistė; Viškelis, Jonas; **Valeika, Virgilijus**; Jankauskaitė, Virginija. Synergistic enhancement of electrospun keratin mats with medicinal plants and green-synthesized silver nanoparticles for biomedical applications // 1st international online conference on functional biomaterials (IOCFB2024), 10-12 July 2024, online. Basel : MDPI. 2024, sciforum-092241, p. 76. [M.kr.: T 008, N 004]
37. [T3; LV; OA] **Malinauskienė, Vida**; **Juraitytė, Gabrielė**; **Kybartaitė, Roberta**; **Šačkus, Algirdas**; Šatkauskienė, Ingrida; Ruzgys, Paulius. 2-Aryl-N-(heteroaryl)acetamides: synthesis and biotesting // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P78, p. 97. [M.kr.: N 003]
38. [T3; LV; OA] **Savickienė, Viktorija**; **Bieliauskas, Aurimas**; Belyakov, Sergey; **Šačkus, Algirdas**; **Arbačiauskienė, Eglė**. Access to novel biheterocyclic compounds via multicomponent reactions of 3-alkoxy-1H-pyrazole-4-carbaldehydes // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P118, p. 137. [M.kr.: N 003]
39. [T3; LV; OA] **Luizys, Povilas**; Xia, Jianxing; **Daskeviciene, Maryte**; Jankauskas, Vygintas; **Getautis, Vytautas**; Nazeeruddin, Mohammad Khaja. Branched methoxydiphenylamine-substituted carbazole derivatives for perovskite solar cells // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P73, p. 92. [M.kr.: N 003]
40. [T3; LV; OA] **Šermukšnytė, Aida**; Petrikaitė, Vilma; **Kantminienė, Kristina**; **Jonuškienė, Ilona**; **Kiltinavičius, Juozas**; **Tumosienė, Ingrida**. Development and biological evaluation of novel S-substituted 1,2,4-triazole-3-thiones containing a heterocyclic moiety in their structure // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P123, p. 142. [M.kr.: N 003]
41. [T3; LV; OA] **Arbačiauskienė, Eglė**; **Milišiūnaitė, Vaida**; Řezníčková, Eva; Žukauskaitė, Asta; Kryštof, Vladimír; **Šačkus, Algirdas**. Synthesis and biological investigation of 2H-pyrazolo[4,3-c]pyridines // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P4, p. 23. [M.kr.: N 003]
42. [T3; LV; OA] **Voznikaitė, Paulina**; **Kederienė, Vilija**; **Račkauskienė, Greta**; Sløk, Frank A.; **Šačkus, Algirdas**. Synthesis and characterization of 2-[(piperidin-4-yl)methyl]-3-(N-heterocycl-1-yl)propionic acid derivatives // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P147, p. 166. [M.kr.: N 003]
43. [T3; LV; OA] **Bartkus, Martynas Rojus**; **Kuncevičiūtė, Elzė**; **Kleizienė, Neringa**; **Šačkus, Algirdas**. Synthesis and evaluation of optical properties of new fluorescent 2-Styryl-3H-indole derivatives // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P9, p. 28. [M.kr.: N 003]
44. [T3; LV; OA] **Varvuolytė, Gabrielė**; Řezníčková, Eva; **Bieliauskas, Aurimas**; **Kleizienė, Neringa**; Vojáčková, Veronika; Opichalová, Alena; Žukauskaitė, Asta; Kryštof, Vladimír; **Šačkus, Algirdas**. Synthesis and investigation of new pyrazole-benzazole and pyrazole-indole hybrids // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P143, p. 162. [M.kr.: N 003]
45. [T3; LV; OA] **Golcienė, Božena**; **Sapijanskaitė-Banevič, Birutė**; **Mickevičius, Vytautas**. Synthesis and transformation of 3-((4-Acetylphenyl)-(4-(4-substituted phenyl)thiazol-2-yl)amino)propanoic acids // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P35, p. 54. [M.kr.: N 003]
46. [T3; LV; OA] **Kavaliauskas, Povilas**; **Grybaitė, Birutė**; **Sapijanskaitė-Banevič, Birutė**; **Mickevičius, Vytautas**. Synthesis of 3-((4-hydroxyphenyl)amino)propanoic acid derivatives as promising antimicrobial and anticancer candidates // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P49, p. 68. [M.kr.: N 003]
47. [T3; LV; OA] **Kederienė, Vilija**; **Meldaikytė, Ineta**; **Bartkevičiūtė, Ieva**; Ruzgys, Paulius; **Arbačiauskienė, Eglė**. Synthesis of bipyrazole derivatives and evaluation of their biological properties // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P51, p. 70. [M.kr.: N 003]
48. [T3; LV; OA] **Vainauskas, Valdas**; **Grybaitė, Birutė**; **Mickevičius, Vytautas**. Synthesis of new N-substituted 3-aminobenzenesulfonamides // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P140, p. 159. [M.kr.: N 003]
49. [T3; LV; OA] **Petrulevičius, Julius**; **Daškevičienė, Marytė**; **Bubnienė, Giedrė**; **Malinauskas, Tadas**; **Getautis, Vytautas**. Synthesis of unsymmetric perinone/carboxylic anhydride-based derivatives as electron transporting materials // BOS 2024: Balticum organicum syntheticum 2024, July 7-10, Riga, Latvia: abstract book. Riga : Latvian Institute of Organic Synthesis. 2024, P103, p. 122. [M.kr.: N 003]

50. [T3; IT] **Pupiute, Aiste; Ciužas, Darius; Baniukaitiene, Odeta; Martuzevicius, Dainius; Krugly, Edvinas.** Hyaluronic acid enhanced 3D fibrous scaffolds for in vitro organ-on-a-chip research // EUROoCS 2024 annual meeting 2024: European Organ-on-Chip Society conference, Milano, Italy, 3-5 July 2024: book of abstracts. Milano : Politecnico di Milano. 2024, F-025, p. 261. [M.kr.: T 004]
51. [T3; GR] **Dabulienė, A.; Bezvikonny, O.; Grazulevicius, J.V.** Bipolar phenoxathiine-based derivatives exhibiting RTP/TADF // ISFOE 24: 17th international symposium on flexible organic electronics, 1-4 July 2024, Thessaloniki, Greece: book of abstracts. Thessaloniki : Aristotle University of Thessaloniki. 2024, P1-7, p. 146. [M.kr.: T 005]
52. [T3; GB; OA] **Rutkaite, Ramune.** Development of encapsulation strategies of fermented algal extracts in biopolymer matrixes // IUPAC MACRO 2024: 50th World polymer conference, 1-4 July 2024, University of Warwick, UK. Warwick : IUPAC. 2024, poster no. 102, p. 1. [M.kr.: T 005]
53. [T3; GB; OA] **Peciulyte, Laura.** Development of thermoplastic starch esters // IUPAC MACRO 2024: 50th World polymer conference, 1-4 July 2024, University of Warwick, UK. Warwick : IUPAC. 2024, poster no. 102, p. 1. [M.kr.: T 005]
54. [T3; GR] **Simokaitiene, J.; Strykov, H.; Bezvikonny, O.; Sych, G.; Volyniuk, D.; Grazulevicius, J.V.** Impact of donor units on photophysical properties of fluorine-containing triphenylpyrimidines // ISFOE 24: 17th international symposium on flexible organic electronics, 1-4 July 2024, Thessaloniki, Greece: book of abstracts. Thessaloniki : Aristotle University of Thessaloniki. 2024, P1-8, p. 146. [M.kr.: T 005]
55. [T3; GR] **Keruckiene, R.; Lekavicius, D.; Simokaitiene, J.; Guzauskas, M.; Grazulevicius, J.V.** Impact of introducing tertiary amino linkages on phenothiazine derivatives: influence on delayed emission properties // ISFOE 24: 17th international symposium on flexible organic electronics, 1-4 July 2024, Thessaloniki, Greece: book of abstracts. Thessaloniki : Aristotle University of Thessaloniki. 2024, P1-31, p. 157. [M.kr.: T 008]
56. [T3; GR] **Čepas, Romualdas Jonas; Daškevičienė, Marytė; Kantminienė, Kristina; Jankauskas, Vygtintas; Jegorovė, Aistė; Gruodis, Alytis; Getautis, Vytautas; Genevičius, Kristijonas.** Novel fluorene-based bipolar charge transporting materials // ISFOE 24: 17th international symposium on flexible organic electronics, 1-4 July 2024, Thessaloniki, Greece: book of abstracts. Thessaloniki : Aristotle University of Thessaloniki. 2024, P1-2, p. 143. [M.kr.: N 003, N 002]
57. [T3; GB; OA] **Savickė, Miglė.** Study of thermo-responsive chitosan-graft-poly(N-isopropylacrylamide) copolymers // IUPAC MACRO 2024: 50th World polymer conference, 1-4 July 2024, University of Warwick, UK. Warwick : IUPAC. 2024, poster no. 60, p. 1. [M.kr.: T 005]
58. [T3; GB] **Ostrauskaite, Jolita.** Thermoresponsive shape-memory biobased photopolymers with antimicrobial activity // IUPAC MACRO 2024: 50th World polymer conference, 1-4 July 2024, University of Warwick, UK. Warwick : IUPAC. 2024, poster no. 244, p. 1. [M.kr.: T 005]
59. [T3; ES] **Kutraite, I.; Augustiniene, E.; Malys, N.** Chemolithoautotrophic bacterium-based gentisic acid-inducible biosensors: characterization, development, and application // ECB 2024: European congress on biotechnology, 30 June - 3 July 2024, Rotterdam, the Netherlands: abstract book. Barcelona : European Federation of Biotechnology. 2024, FBI-009, p. 188. [M.kr.: T 005, N 003]
60. [T3; BE] **Zagorskytė, Inesa; Bieliauskas, Aurimas; Pukalskienė, Milda; Rollin, Patrick; Arbačiauskienė, Eglė; Šačkus, Algirdas.** Glycerol-1,2-carbonate: a sustainable reagent for the N-glycerylation of pyrazolecarboxylates // BOSS XVIII: 18th Belgian organic synthesis symposium, June 30-July 5, 2024, Liège, Belgium: book of abstracts. Louvain-la-Neuve : LD organisation. 2024, P311, p. 356. [M.kr.: N 003, T 005]
61. [T3; BE] **Veikšaitė, Melita; Arbačiauskienė, Eglė; Šačkus, Algirdas.** Synthesis of pyrazole ring-containing flavone analogues // BOSS XVIII: 18th Belgian organic synthesis symposium, June 30-July 5, 2024, Liège, Belgium: book of abstracts. Louvain-la-Neuve : LD organisation. 2024, P289, p. 334. [M.kr.: N 003]
62. [T3; ES] **Augustiniene, E.; Kutraite, I.; Malys, N.** Transcription factor-based biosensors for application in autotrophic bacteria // ECB 2024: European congress on biotechnology: 30 June - 3 July 2024, Rotterdam, the Netherlands: abstract book. Barcelona : European Federation of Biotechnology. 2024, FBI-001, p. 182. [M.kr.: T 005, N 003]
63. [T3; GR; OA] **Mumladze, Tamari; Sleiniute, Agne; Denafas, Gintaras.** Advancing the circular economy through delamination solutions for multilayer aluminum packaging // Rhodes 2024: 11th international conference on sustainable solid waste management, 19-22 June 2024, Rhodes, Greece. Athens : National Technical University of Athens. 2024, 79, p. 1-2. [M.kr.: T 004]
64. [T3; GR; OA] **Denafas, Gintaras; Torkelis, Artūras; Kliučininkas, Linas.** Analysis of factors influencing the circularity of plastic packaging waste recycling // Rhodes 2024: 11th international conference on sustainable solid waste management, 19-22 June 2024, Rhodes, Greece. Athens : National Technical University of Athens. 2024, p. 1-2. [M.kr.: T 004]
65. [T3; GR; OA] **Sleiniute, Agne; Mumladze, Tamari; Denafas, Gintaras.** Delamination techniques for sustainable packaging: a focus on multilayer aluminum based food packaging // Rhodes 2024: 11th international conference on sustainable solid waste management, 19-22 June 2024, Rhodes, Greece. Athens : National Technical University of Athens. 2024, 14, p. 1-2. [M.kr.: T 004, T 008]

66. [T3; IT] **Golcienė, B.; Mickevičius, V.** Synthesis of novel thiazol-2-yl amino propanoic acid derivatives // XLVIII "A. Corbella" international summer school on organic synthesis, ISOS 2024, 16-20 June 2024, Università degli Studi di Milano, Gargnano (BS), Italy. Milano : Università degli Studi di Milano. 2024, P-12, p. 123. [M.kr.: N 003]
67. [T2; HR] Lalić, Anita; Jagelavičiūtė, Jolita; Rezić, Tonči; Trivunović, Zorana; **Bašinskiene, Loreta.** The effect of lactic acid bacterium and non-conventional yeast on brewers' spent grain fermentation // Food industry byproducts: 4th international scientific and professional conference / 4. međunarodni znanstveno-stručni skup: book of abstracts / knjiga sažetaka: 6-7 June 2024, Osijek, Croatia. Osijek : Faculty of Food Technology Osijek, 2024. ISBN 9789537005962. p. 35. [M.kr.: T 005]
68. [T3; CZ] **Krugly, Edvinas;** Bagdonas, Edvardas; Raudoniūtė, Jovilė; **Ravikumar, Preethi; Pupiūtė, Aistė; Čiužas, Darius; Prasauskas, Tadas;** Aldonytė, Rūta; **Martuzevičius, Dainius.** Advancing aerosol nanoparticle cytotoxicity assessment through a novel "cells on particles" in vitro model abstract // 22nd international congress ESTIV, Prague, Czech Republic, 3 – 6 June 2024: abstract book /H. Kandárová, C. Roper (eds.). Prague : ESTIV. 2024, art. no. 149, p. 114-115. [M.kr.: T 004]
69. [T2; RS; OA] Tijana, Ivanović; **Bronusiene, Asta;** Nikola, Illić; Jelena, Bobić; **Ancutiene, Ingrida.** Tin sulfide film as a potential photocatalyst for the degradation of methyl orange // 9th regional symposium on electrochemistry - South-East Europe, RSE-SEE, 3-7 June 2024, Novi Sad, Serbia: book of abstracts / B. Grgur, I. Pačti, A. Dekanski (eds.). Belgrade : Serbian Chemical Society, 2024, ENV P 04. ISBN 9788671320856. p. 120. [M.kr.: N 003, T 008]
70. [T3; LT] **Michalkevičius, Rytis; Zakarauskaitė, Giedrė; Bašinskiene, Loreta (temos vadovas);** Rūtelionė, Aušra (temos vadovas). A crispy snack with chickpea flour and chia seeds: crunchy, tasty, and good for health // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 30-32. [M.kr.: T 005]
71. [T3; LT] **Masionis, Justinas; Lekerauskas, Erikas; Pocevičiūtė, Gailė; Prasauskas, Tadas; Tichonovas, Martynas (temos vadovas).** BACSTY – eliminate bacteria, ensure safety // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 9-10. [M.kr.: T 004]
72. [T3; LT] **Liudvinavičiūtė, Dovilė; Galkauskaitė, Emilija; Savickė, Miglė; Rutkaitė, Ramunė; Kitrytė-Syrpa, Vaida; Syrpas, Michail; Navikaitė-Šnipaitienė, Vesta (temos vadovas).** Bioactive biopolymer-based films for oral healthcare applications // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 81-83. [M.kr.: T 005]
73. [T3; LT] **Lukomskis, Laurynas; Gliaudytė, Laura; Pavuolytė, Giedrūna; Liudvinavičiūtė, Dovilė; Pamakštys, Kastytis; Bendoraitienė, Joana; Pečiulytė, Laura (temos vadovas).** Cellulose based biocomposites // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 28-29. [M.kr.: T 005, T 004]
74. [T3; LT] Jakovlevas, Martynas; **Kazlauskaitė, Brigita;** Rimkus, Eimantas; Žukaitis, Mykolas; Dženkaitytė, Guoda; Kviesulaitis, Joris; Mankutė, Gina; Toldinas, Jevgenijus (temos vadovas). Claritycart // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 121-122. [M.kr.: T 007]
75. [T3; LT] **Rimkus, Laurynas; Danieliūtė, Ieva; Koženiauskaitė, Saulė; Daugėlaitė, Agnė; Bašinskiene, Loreta (temos vadovas).** Flavor explosion, zero regrets: experience the crunch mushroom flavor crisps munch! // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 25-27. [M.kr.: T 005]
76. [T3; LT] **Kybartaitė, Roberta; Švirinas, Vytautas; Malinauskienė, Vida (temos vadovas).** Hendlex glass xtreme for automotive applications // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 11-12. [M.kr.: T 005]
77. [T3; LT] **Ach, Naomie; Kizelytė, Miglė; Anusauskaitė, Agnė; Baniukaitienė, Odeta (temos vadovas); Krugly, Edvinas (temos vadovas).** Innovative polymeric membranes for addressing multiple skin issues // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 171-173. [M.kr.: T 004]
78. [T3; LT] **Masionė, Goda; Pupiūtė, Aistė; Pauliukaitytė, Ingrida; Martuzevičius, Dainius (temos vadovas).** Microfibrous biopolymer matrices for life science and industrial applications // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 16-18. [M.kr.: T 004]
79. [T3; LT] **Kazlauskaitė, Brigita; Grauzėlienė, Sigita; Bridžiuvienė, Danguolė; Raudonienė, Vita; Ostrauskaitė, Jolita (temos vadovas).** Smart plant-derived vitrimers with reprocessability, shape-memory, and self-welding properties for antimicrobial applications // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 6-8. [M.kr.: T 005]
80. [T3; LT] **Svirskaitė, Lauryna Monika; Marcinkas, Mantas; Kasparavičius, Ernestas; Malinauskas, Tadas (temos vadovas).** Smart semiconductor PANDI: from idea to realization // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 19-21. [M.kr.: N 003]
81. [T3; LT] **Aleknavičienė, Estida; Komarova, Vitalija; Pouzol, Joris Eric; Bašinskiene, Loreta (temos**

vadovas). Sugar-free white chocolate infused with matcha and lucuma fibers – innovating sweetness for health // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 22-24. [M.kr.: T 005]

82. [T3; LT] **Bagdanskytė, Gabija; Simanavičiūtė, Toma; Meilutė-Ganusauskienė, Deimantė; Lutinskaitė, Karolina; Bašinskienė, Loreta (temos vadovas); Rūtelionė, Aušra (temos vadovas)**. White functional chocolate stress relief: peace in every piece, for stress release // Technorama '2024: Let's make it!: catalogue. Kaunas : Kaunas University of Technology. 2024, p. 13-15. [M.kr.: T 005]
83. [T2; TR; OA] **Kavetsky, Taras; Hoivanovych, Nataliia; Ostrauskaite, Jolita; Zgardzińska, Bożena; Šauša, Ondrej; Kiv, Arnold**. Advanced polymer and nanocomposite materials for controlled biosensing // 1st international congress on biomedical applications of natural and synthetic materials, 23-24 May 2024, Konya, Turkey: abstract and proceeding book / editor Emine Arslan. Konya : TABLET Kitabevi, 2024. ISBN 9786256406308. p. 38. [M.kr.: T 005]
84. [T2; LT; OA] **Jurienė, L.; Jovaisaitė, J.; Venskutonis, P.R.** Antioxidant activity of dioscorea caucasica and dioscorea nipponica leaves, roots and their extracts // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 129. [M.kr.: T 005]
85. [T2; LT; OA] **Abbas, S.; Venskutonis, P.R.; Jurienė, L.** Comparative analysis of antioxidant potential in desmodium canadense across different growth stages // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 141. [M.kr.: T 005]
86. [T2; LT; OA] **Poceviciene, I.; Jurienė, L.; Pukalskiene, M.; Venskutonis, P.R.** Elevating black currant pomace from waste to wealth: a biorefinery approach // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 130. [M.kr.: T 005]
87. [T2; LT; OA] **Hassani, M.I.; Tamkute, L.; Venskutonis, P.R.** Evaluation of chemical composition of hemp and pumpkin by-products // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 121. [M.kr.: T 005]
88. [T2; LT; OA] **Babar, A.; Jurienė, L.; Venskutonis, P.R.** Evaluation of the chemical composition of quince and cape gooseberry seeds // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 123. [M.kr.: T 005]
89. [T2; LT; OA] **Jovaisaitė, J.; Jurienė, L.; Venskutonis, P.R.** Extraction of bioactive compounds from astragalus glycyphyllos: innovative methods and antioxidant evaluation // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 127. [M.kr.: T 005]
90. [T2; LT; OA] **Bilgin, H.; Kitryte-Syrpa, V.; Syrpas, M.** Fermentation of chlorella vulgaris towards food and nutraceutical applications: a feasibility study // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 145. [M.kr.: T 005]
91. [T2; LT; OA] **Bronusienė, A.; Barauskienė, I.; Ancutiene, I.** Investigation of structural, optical, and electrical properties of tin sulphide thin films for the energy storage application // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 71. [M.kr.: N 003]
92. [T2; LT; OA] **Baranauskiene, R.; Venskutonis, P.R.** Microencapsulation properties of model flavours spray-dried into modified starches // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 144. [M.kr.: T 005]
93. [T2; LT; OA] **Liudziute, M.; Zalenkiene, S.; Ancutiene, I.** Optical characterization of cadmium sulfide films obtained using gelatin stabilizer on FTO glass // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 76. [M.kr.: N 003]
94. [T2; LT; OA] **Vaiciukynaite, K.; Zalenkiene, S.; Ivanauskas, R.** Selection and deposition of optimally formulated solutions for cobalt sulfide layers on FTO glass surface // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 21. [M.kr.: N 003]
95. [T2; LT; OA] **Stonyte, G.; Zvirdauskiene, R.** The influence of organic fertilizers on the activity of soil microorganisms // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 104. [M.kr.: T 005]

96. [T2; LT; OA] **Jasinskaite, G.; Venskutonis, P.R.**; Ragazinskiene, O. Unlocking the secrets of mandragora officinarum's phytochemistry and bioactivities // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 140. [M.kr.: T 005]
97. [T2; LT; OA] **Zubrickaite, D.; Bronusiene, A.; Ancutiene, I.** XRD study of copper sulphide films on FTO glass // CYSENI' 2024: 20th international conference of young scientists on energy and natural sciences issues, 21-23 May, 2024, Kaunas, Lithuania: [proceedings]. Kaunas : Lietuvos energetikos institutas. ISSN 2783-6339. 2024, p. 73. [M.kr.: N 003]
98. [P2; LT] **Steponaitytė, Liveta; Valančius, Zenonas.** 1,13 nm tobermorito sintezė naudojant mikrosiliką // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 140-144. [M.kr.: T 005]
99. [T2; LT] **Tutkus, Tomas; Sapijanskaitė-Banevič, Birutė.** 1-(2,5-Dimetoksifenil)imidazolo darinių sintezė // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 184. [M.kr.: N 003]
100. [T2; LT] **Alesiūtė, Simona; Dagilienė, Miglė; Šačkus, Algirdas.** 1-fenil-1H-pirazolo chalkonų funkcionalizavimas panaudojant aza-Michael prijungimo reakciją // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 150. [M.kr.: N 003]
101. [P2; LT] **Kleinauskas, Ričardas; Eisinis, Anatolijus.** Amorfinio titano dioksido įtaka girolito susidarymui hidroterminėje aplinkoje // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 129-132. [M.kr.: T 005]
102. [P2; LT] **Augustinaitytė, Laura; Jonuškienė, Iona.** Anglies šaltinių įtaka alginato gamybai iš Azotobacter vinelandii bakterijų // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 73-75. [M.kr.: N 003]
103. [T2; LT] **Matutytė, Neringa; Kybartienė, Nora.** Apdorotų kavos tirščių įtaka statybinio gipso savybėms // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 165. [M.kr.: T 005]
104. [T2; LT] **Pocevičiūtė, Gailė.** Application of polymer micro - and nanofibrous materials // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 22. [M.kr.: T 004]
105. [T2; LT] **Piepalius, Jonas; Šlinkšienė, Rasa.** Ar suspensinės trąšos gali būti žemės ūkio ateitis? // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 90. [M.kr.: N 003]
106. [T2; LT] **Mamonaitė, Ugnė; Juzėnaitė, Emilija; Pukalskienė, Milda.** Bioaktyvių junginių išgavimas iš juodųjų serbentų išspaudų taikant tradicinius ir inovatyvius ekstrakcijos metodus, bei gautų ekstraktų cheminės sudėties įvertinimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 106. [M.kr.: T 005]
107. [T2; LT] **Girtas, Juozas; Almonaitytė, Karolina; Makštutienė, Natalja; Šarkinas, Antanas.** Biologiškai aktyvūs junginiai ir jų antibakterinės savybės šaltalankių uogų išspaudų ir lapų ekstraktuose // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 102. [M.kr.: T 005]
108. [T2; LT] **Skuodaitė, Emilija; Krylova, Valentina.** Bismuto sulfidų sluoksnių ant konstrukcinės tekstilės nusodinimas ir tyrimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 138. [M.kr.: N 003]
109. [T2; LT] **Kulikauskaitė, Beatričė; Zinovičius, Antanas; Sapijanskaitė-Banevič, Birutė.** Development of microbial biofuel cell using polypyrrole modified anode // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 53. [M.kr.: N 003, N 002]

110. [T2; LT] **Baltušnikaitė, Giedrė; Bašinskienė, Loreta.** Didžiųjų milčių lervų miltų priedo įtaka puskvietinės duonos kokybei // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 76. [M.kr.: T 005]
111. [T2; LT] **Šataitė, Ovidija; Pukalskas, Audrius;** Viršilė, Akvilė; Mikalauskienė, Emilija; **Pukalskienė, Milda.** Egzosomų išskyrimas iš pomidorų ir medetkų augalų anatominių dalių, bei jų biocheminio aktyvumo ir cheminės sudėties įvertinimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 108. [M.kr.: T 005, N 004]
112. [T2; LT] **Gužauskienė, Justina; Keruckienė, Rasa.** Elektroaktyvių junginių, turinčių naftiridino fragmentus, sintezė ir savybių tyrimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 157. [M.kr.: N 003]
113. [T2; LT] **Kaleininkaitė, Guostė; Drevilkauskaitė, Aida; Getautis, Vytautas; Magomedov, Artiom.** Elektronų transportuojančios medžiagos, turinčios donoriaus-akceptoriaus struktūrą, sintezė // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 159. [M.kr.: N 003]
114. [T2; LT] **Ivanchanka, Aliaksei; Andruleviciene, Viktorija.** Enhancing thermally activated fluorescence in benzophenone and fluorene-based molecules using ethyl substituents // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 158. [M.kr.: T 005]
115. [T2; LT] **Kiltinavičius, Juozas; Šermukšnytė, Aida; Tumosienė, Ingrida.** Hidrazonų iš 3-[(4-etoksifenil)amino]propanhidrazido sintezė ir charakterizavimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 104. [M.kr.: N 003, T 005]
116. [T2; LT] **Musteikis, Skirmantas; Marčinskas, Mantas; Malinauskas, Tadas.** Indolo centrinį fragmentą turinčių skylių transportinių medžiagų sintezė // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 166. [M.kr.: N 003]
117. [P2; LT] **Aliukonytė, Neda; Šiaučiušas, Raimundas.** Kalcinavimo dulkių priedo įtaka CO₂ aplinkoje kietėjančio betono savybėms // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 114-119. [M.kr.: T 005]
118. [T2; LT] **Pavuolytė, Giedrūna; Liudvinavičiūtė, Dovilė; Pečiulytė, Laura; Bendoraitienė, Joana.** Kanapių sėklų lukštų termoplastiniai biokompozitai // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 169. [M.kr.: T 005]
119. [T2; LT] **Savickaitė, Brigita; Kaminskas, Rimvydas.** Keramzito gamybos atliekos pucolaninio aktyvumo modifikacija // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 135-137. [M.kr.: T 005]
120. [T2; LT] **Grigonytė, Viktorija; Gradeckaitė, Gabija; Petrašauskienė, Neringa; Žalenkienė, Skirma.** Kobalto chromito melsvai žalio pigmento sintezė ir rentgeno spindulių difrakcinė analizė // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 128. [M.kr.: N 003]
121. [P2; LT] **Mankutė, Vaida; Barkauskaitė, Akvilė.** Liofilizuoto karvių priešpienio cheminės sudėties nustatymas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 77-80. [M.kr.: N 003]
122. [P2; LT] **Aleksaitytė, Gabija; Pocienė, Odeta; Šlinkšienė, Rasa.** Maisto pramonės atliekos – puikios žaliavos aplinkai draugiškoms trąšoms gaminti // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 67-72. [M.kr.: N

123. [T2; LT] **Oksaitė, Dovilė; Šlinkšienė, Rasa.** Mikrodumbliais praturtinto karbamido granuliavimas ir gauto produkto savybės // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 167. [M.kr.: N 003]
124. [P2; LT] **Turilinaitė, Lidija; Dambrauskas, Tadas.** Monetito mikrobanginė sintezė kalcio karbonato ir fosforo rūgšties mišiniuose // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 145-148. [M.kr.: T 005]
125. [T2; LT] **Kalėda, Arvydas; Bernotavičiūtė, Reda;** Kadlecová, Alena; **Šačkus, Algirdas;** Žukauskaitė, Asta; **Malinauskienė, Vida.** Naujų 2-(benziltio)-5-heteroaril-1,3,4-oksadiazolo darinių sintezė // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 160. [M.kr.: N 003]
126. [T2; LT] **Ambrazaitytė, Emilija; Milišūnaitė, Vaida; Razmienė, Beatričė; Šačkus, Algirdas; Arbačiauskienė, Eglė.** Naujų 2H-dipirazolo[1,5-a:4',3'-c]piridino darinių sintezė ir tyrimai // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 156. [M.kr.: N 003]
127. [T2; LT] **Stankus, Andrius; Marčinskas, Mantas.** Nefulereninių elektronų pernešančių organinių junginių sintezė ir tyrimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 181. [M.kr.: N 003]
128. [T2; LT] **Kovševič, Arnas; Kemežys, Gediminas; Kederienė, Vilija.** N-pakeistų biciklinių junginių sintezė ir savybių tyrimai // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 162. [M.kr.: N 003]
129. [T2; LT] **Bartkevičiūtė, Ieva;** Kadlecová, Alena; Jirsa, Tomáš; Žukauskaitė, Asta; **Malinauskienė, Vida; Kederienė, Vilija.** Oksadiazolo darinių sintezės ir priešskirmėlinių savybių tyrimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 99-100. [M.kr.: N 003]
130. [T2; LT] **Žitinevičiūtė, Milda; Steponaitis, Matas.** Organic dyes as self-assembled monolayers for charge extraction research in photovoltaic devices // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 191. [M.kr.: N 003]
131. [T2; LT] **Žaldokaitė, Beatričė; Juozaitis, Deividas; Pukalskienė, Milda.** Paprastojo putino (*Viburnum opulus* L) žievės bioaktyvių sudėtinių dalių išskyrimas ir gautų produktų savybių įvertinimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 96. [M.kr.: T 005]
132. [T2; LT] **Jacunskaitė, Greta; Stasiulaitienė, Inga.** Pastato ventiliacinių sistemų aplinkosauginis vertinimas būvio ciklo metodu // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 39. [M.kr.: T 004]
133. [T2; LT] **Šartutė, Neimantė; Solovjova, Joana; Šačkus, Algirdas.** Pirazolo junginiai bei jų savybės // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 183. [M.kr.: N 003]
134. [T2; LT] **Matijūnas, Mindaugas; Ivanauskas, Remigijus; Žalenkienė, Skirma.** Polipropileno modifikavimas kadmio sulfido sluoksniu // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 164. [M.kr.: N 003]
135. [T2; LT] **Kirstukas, Mantas;** Siddiqui, Iram; Gautam, Prakalp; **Blaževičius, Dovydas;** Jayachandran, Jayakumar; Lenka, Sushanta; **Tavgeniene, Daiva;** Zaleckas, Ernestas; **Grigalevicius, Saulius;** Jou, Jwo-Huei. Potencialūs mėlynai šviečiantys spinduoliai bikarbozolo ir benzofenono pagrindu organiniams šviestukams // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 161. [M.kr.: T 005, N 003]

136. [P2; LT] **Aniulis, Algirdas Aleksandras; Griškonis, Egidijus**. Procesai, vykstantys suardant ličio jonų baterijas ore ir inertinėje atmosferoje // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 120-124. [M.kr.: N 003]
137. [T2; LT] **Linkaitė, Gabija; Marčinskas, Mantas**. Savitvarkį monosluksnį formuojančių 2PACz alternatyvų sintezė ir tyrimas // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 163. [M.kr.: N 003]
138. [T2; LT] **Surdokaitė, Meda; Getautis, Vytautas; Magomedov, Artiom**. Skylėms selektyvaus azaheliceno sintezė // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 182. [M.kr.: N 003]
139. [P2; LT] **Kuzborskaja, Karina; Jančaitienė, Kristina**. Skystosios kompleksinės trąšos su įvairiais priedais // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 86-89. [M.kr.: N 003]
140. [T2; LT] **Užupytė, Agnė; Antulytė, Gabrielė; Šačkus, Algirdas; Arbačiauskienė, Eglė**. Synthesis of novel imidazopyrazolooxazepines by cascade cyclisation of pyrazole-4-carbaldehydes and diamines // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 109. [M.kr.: N 003]
141. [T2; LT] **Gradeckaitė, Gabija; Grigonytė, Viktorija; Žalenkienė, Skirma; Petrašauskienė, Neringa**. The synthesis of cobalt aluminate and its X-ray diffraction analysis // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 127. [M.kr.: N 003]
142. [T2; LT] **Kratkovskis, Justas; Duotas, Žilvinas; Degollado-Vasalauskas, Aldo; Christov, Artemij; Petrašauskienė, Neringa; Žalenkienė, Skirma**. Vario(I) ir vario(II) oksidų sintezė ir jų panaudojimas lengvalydzio stiklo dažymui // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 133. [M.kr.: N 003]
143. [T2; LT] **Kojelis, Jokūbas; Jūrienė, Laura; Baranauskienė, Renata; Maždžierienė, Ramutė; Venskutonis, Petras Rimantas**. Volatile aroma profile of the essential oil and lipophilic extract of Pinus sylvestris tree greenery // Studentų mokslinės konferencijos „Chemija ir cheminė technologija 2024“ pranešimų medžiaga = The abstract book of the student's scientific conference „Chemistry and chemical technology 2024“. Kaunas : Kauno technologijos universitetas. ISSN 2538-7332. 2024, p. 83-84. [M.kr.: T 005]
144. [T2; LT; OA] **Blazevicius, Dovydas; Grigalevicius, Saulius; Tavgeniene, Daiva**; Siddiqui, Iram; Gautam, Prakalp; Jayachandran, Jayakumar; Lenka, Sushanta; Jou, Jwo-Huei. Bicarbazole-substituted benzophenone derivatives as blue-emitting materials for organic light-emitting diodes // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 56. [M.kr.: N 003]
145. [T2; LT; OA] **Tavgenienė, Daiva; Beresnevičiūtė, Raminta; Kručaitė, Gintarė**; Swayamprabha, Sujith Sudheendran; Jou, Jwo-Huei; **Grigalevičius, Saulius**. New bipolar derivatives using as potential TADF emitters for OLEDs // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 51. [M.kr.: N 003]
146. [T2; LT; OA] **Krucaite, Gintare; Beresnevičiute, Raminta; Tavgeniene, Daiva; Grigalevičius, Saulius**; Chen, Yi-Ting; Chen, Yu-Hsuan; Chang, Chih-Hao. New bipolar derivatives with diphenylsulfone or dibenzophenone as TADF based emitters for OLEDs // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 47. [M.kr.: N 003]
147. [T2; LT; OA] **Kirstukas, Mantas**; Swyamprabha, Sujith Sudheendran; Kesavan, Kiran Kishore; Siddiqui, Iram; **Blazevicius, Dovydas**; Jayachandran, Jayakumar; **Eidimtas, Marius**; Nayak, Sandhya Rani; Nagar, Mangey Ram; Yadav, Rohit Ashok Kumar; **Krucaite, Gintare**; Vaidyanathan, Sivakumar; **Grigalevicius, Saulius**; Jou, Jwo-Huei. New carbazole-substituted diphenyl sulfones as host materials for solution processed TADF OLEDs // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 67. [M.kr.: N 003]

148. [T2; LT; OA] **Krucaite, Gintare**; Ho, Cheng-Yung; **Beresneviute, Raminta**; **Blazevicius, Dovydas**; Lin, Wei-Han; Lu, Jhao-Cheng; Lin, Chang-Yu; **Grigalevicius, Saulius**; Chang, Chih-Hao. New triphenylethylene fragments containing compounds for the realization of blue and white aggregation-induced emission OLEDs with high luminance // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 48. [M.kr.: N 003]
149. [T2; LT; OA] **Beresneviute, Raminta**; Gautam, Prakalp; Nagar, Mangey Ram; **Krucaite, Gintare**; **Tavgeniene, Daiva**; Jou, Jwo-Huei; **Grigalevicius, Saulius**. OLEDs achieving high efficiency through naphthalimide-based bipolar derivatives // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 54. [M.kr.: N 003]
150. [T2; LT; OA] **Dvylys, Lukas**; **Keruckienė, Rasa**; **Gužauskas, Matas**; **Ghasemi, Melika**; **Gražulevičius, Juozas Vidas**. Synthesis and properties of thianthrene derivatives for oxygen sensing applications // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 34. [M.kr.: N 003, T 008]
151. [T2; LT; OA] **Gaizauskaite, Zydrune**; **Zvirdauskiene, Renata**; Svazas, Mantas; **Zadeike, Daiva**. The optimization of sugar beet pulp degradation by edible microscopic Fungi // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 32. [M.kr.: T 005]
152. [T2; LT; OA] Lele, Vita; Bartkevics, Vadims; Pugajeva, Iveta; Borisova, Anastasija; Zokaityte, Egle; Starkute, Vytaute; Zavistanaviciute, Paulina; Klupsaite, Dovile; **Zadeike, Daiva**; **Juodeikiene, Grazina**; Bartkiene, Elena. The possibilities of utilizing by-products of plant-based drink production to improve the quality of wheat bread // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 25. [M.kr.: T 005, A 003, N 010]
153. [T2; LT; OA] **Ghasemi, Melika**; Gavale, Ramakant; Khan, Faizal; **Volyniuk, Dmytro**; **Gražulevičius, Juozas Vidas**; Misra, Rajneesh. Unravelling the potential of phenothiazine and tetraphenylethylene as emitters and HTMs for efficient doping free fluorescent and multiple-resonance TADF OLEDs // 18th international scientific conference "The vital nature sign", May 16-17, 2024, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2024, p. 64. [M.kr.: T 008]
154. [T3; DE] **Sarapajevaite, Gabriele**; **Baltakys, Kestutis**. Valorisation of industrial sulfur waste by synthesis of copper sulfide // 8th Green & sustainable chemistry conference, 13-15 May 2024, Dresden, Germany. Dresden : Elsevier. 2024, P1.35, p. 135. [M.kr.: T 005]
155. [T2; EE] **Jeznienė, S.**; **Šipailienė, A.** Co-encapsulation of food-origin lactic acid bacteria exhibiting probiotic properties with prebiotics in cross-linked alginate microcapsules for longterm storage // 14th international conference "Biosystems engineering", (BSE 2024): May 8-10, 2024, Tartu, Estonia: book of abstracts / editors: J. Olt, T. Kikas, L. Meneses. Tartu : Estonian University of Life Sciences, 2024. ISBN 9789916719909. p. 59. [M.kr.: T 005]
156. [T2; EE] **Bartkuvienė, I.**; **Leskauskaitė, D.**; **Eisinaitytė, V.** Development and characterization of nutrient-rich biphasic structure suitable for 3D printing // 14th international conference "Biosystems engineering", (BSE 2024): May 8-10, 2024, Tartu, Estonia: book of abstracts / editors: J. Olt, T. Kikas, L. Meneses. Tartu : Estonian University of Life Sciences, 2024. ISBN 9789916719909. p. 96. [M.kr.: T 005]
157. [T2; EE] **Šipailienė, A.**; **Jasutienė, I.**; **Keršienė, M.**; **Eisinaitytė, V.**; **Kaniauskienė, I.**; **Jeznienė, S.**; **Leskauskaitė, D.** Effect of dietary fiber rich berry pomace on changes in the composition of the gut microbiota in the Simulator of the Human Intestinal Microbial Ecosystem (SHIME®) // 14th international conference "Biosystems engineering", (BSE 2024): May 8-10, 2024, Tartu, Estonia: book of abstracts / editors: J. Olt, T. Kikas, L. Meneses. Tartu : Estonian University of Life Sciences, 2024. ISBN 9789916719909. p. 63. [M.kr.: T 005]
158. [T2; EE] **Eisinaitytė, V.**; **Keršienė, M.**; **Vinauskienė, R.**; **Jasutienė, I.**; **Šipailienė, A.**; **Leskauskaitė, D.** Rational food design of food products, oriented to malnutrition and sarcopenia prevention in aged people // 14th international conference "Biosystems engineering", (BSE 2024): May 8-10, 2024, Tartu, Estonia: book of abstracts / editors: J. Olt, T. Kikas, L. Meneses. Tartu : Estonian University of Life Sciences, 2024. ISBN 9789916719909. p. 97. [M.kr.: T 005]
159. [T2; EE] Sarv, V.; **Venskutonis, P.R.**; **Kerner, K.**; Aluvee, A.; Bleive, U.; Rocchetti, G.; Rätsep, R. Valorisation of different genotypes of rowan (*Sorbus* spp.) for development of functional food ingredients // 14th international conference "Biosystems engineering", (BSE 2024): May 8-10, 2024, Tartu, Estonia: book of abstracts / editors: J. Olt, T. Kikas, L. Meneses. Tartu : Estonian University of Life Sciences, 2024. ISBN 9789916719909. p. 75. [M.kr.: T 005]

160. [T2; EE] **Varnaitė-Kapočė, L.; Kabalinaitė, B.; Šipailienė, A.; Leskauskaitė, D.** Viability of *L. Reuteri* encapsulated in the structured W/O/W emulsions during the shelf life and gastro-intestinal digestion // 14th international conference "Biosystems engineering", (BSE 2024): May 8-10, 2024, Tartu, Estonia: book of abstracts / editors: J. Olt, T. Kikas, L. Meneses. Tartu : Estonian University of Life Sciences, 2024. ISBN 9789916719909. p. 62. [M.kr.: T 005]
161. [T2; LT; OA] **Gelminauskaitė, R.; Mickevičius, V.** 5-oksopirolidin-3-karboksirūgšties darinių, turinčių 3-karboksi-4-hidroksifenilfragmentą modifikacija ir savybių tyrimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 173-174. [M.kr.: N 003]
162. [T2; LT; OA] **Našlėnas, N.; Jaskūnas, A.** Aliumofosfato AIPO4-11 sintezė ir adsorbicinių savybių Ni(II) vandeniniuose tirpaluose tyrimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 80-82. [M.kr.: N 003]
163. [T2; LT; OA] **Pakštys, S.; Andrulevičienė, V.** Artimąją infraraudonųjų spindulių absorbciją pasižyminčių junginių modeliavimas taikant kvantinės chemijos skaičiavimus: teorija ir praktika // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 144-146. [M.kr.: N 003]
164. [T2; LT; OA] **Galkauskaitė, E.; Rutkaitė, R.; Liudvinavičiūtė, D.** Bioaktyvių savybių plėvelių iš biopolimerų ir veikliųjų gamtinių junginių formavimas ir tyrimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 293-294. [M.kr.: T 005]
165. [T2; LT; OA] **Bartkevičiūtė, I.; Kederienė, V.** Bipirazolo darinių sintezė, funkcionalizavimas ir savybių tyrimai // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 154. [M.kr.: N 003]
166. [T2; LT; OA] **Skuodaitė, E.; Krylova, V.** Bismuto sulfido nanosluoksnių ant įvairios sudėties konstrukcinės tekstilės paviršių sudarymas ir tyrimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 96-97. [M.kr.: N 003]
167. [T2; LT; OA] **Gasiulytė, E.; Baniukaitienė, O.** Celiuliozės kompozitai su beta-trikalcio fosfatu ir hialurono rūgštimi kaulo audinio inžinerijai // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 241-242. [M.kr.: N 003]
168. [T2; LT; OA] **Šataitė, O.;** Pukalskas, A. Egzosomų išskyrimas iš pomidoro ir medetkos augalų botaninių dalių, bei jų biocheminio aktyvumo ir cheminės sudėties įvertinimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 191-193. [M.kr.: N 003]
169. [T2; LT; OA] **Lekavičius, D.; Keruckienė, R.** Elektroaktyvių junginių, skirtų organiniams šviesos diodams, sintezė ir savybių tyrimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 286. [M.kr.: T 005]
170. [T2; LT; OA] **Mikučiūnaitė, J.; Getautis, V.** Izotioronio fragmentą turinčių fosfonrūgščių sintezė ir pritaikymas perovskitinių kompozicijų pasyvavimui saulės elementuose // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 336-338. [M.kr.: N 003]
171. [T2; LT; OA] **Vaičiukynaitė, K.; Ivanauskas, R.** Kobalto selenidų sluoksnių ant FTO stiklo sudarymas ir jų savybių tyrimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 305-307. [M.kr.: T 005]
172. [T2; LT; OA] **Buidovas, P.;** Skvorčinskienė, R.; Eimontas, J. Kompozitinių medžiagų terminis skaidymas ir gautų produktų analizė // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 285. [M.kr.: T 005, T 006]
173. [T2; LT; OA] **Juciūtė, A.; Šulčiūtė, A.** Mišrių Zn-Co oksidų sintezė bei jų plonasluoksnių dangų suformavimas ir fotokatalizinių, talpinių savybių tyrimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 243-245. [M.kr.: N 003]
174. [T2; LT; OA] **Ambrazaitytė, E.; Arbačiauskienė, E.** Naujų 2H-dipirazolo [1,5-a:4',3'-c] piridino darinių sintezė ir tyrimai // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 33-34. [M.kr.: N 003]
175. [T2; LT; OA] **Pranaitytė, G.; Grybaitė, B.** Pakeistų N-(2-(1H)-benz[d]imidazol-2-il)etil)-2,4-difluoranilino darinių sintezė ir priešvėžinių savybių tyrimas // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 175-176. [M.kr.: N 003]
176. [T2; LT; OA] Filipas, I.; **Steponaitis, M.** Preliminary study on the improvement of the stability of perovskite films in ambient conditions // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 340. [M.kr.: N 003]
177. [T2; LT; OA] **Kristutis, A.; Bučinskas, A.** RPA technologijos dėka sugeneruotų naujų bimetalių spinduolių teorinių savybių patikra eksperimentiniais metodais // Studentų moksliniai tyrimai 2023/2024: konferencijos

pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 339. [M.kr.: T 005]

178. [T2; LT; OA] **Jakubauskas, R.; Pečiulytė, L.** Termoplastinių savybių biopolimerinių medžiagų su mineralinių dalelių užpildais tyrimai // Studentų moksliniai tyrimai 2023/2024: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2024, p. 282-284. [M.kr.: T 008]
179. [T3; AT] **Bašinskienė, Loreta; Žadeikė, Daiva; Riškus, Mantvydas.** Utilization of hazelnut and walnut by-products from edible oil industry in high-protein bread making // ICBC 2024: 17th international cereal and bread congress 2024 "Healthy cereal diets from sustainable food systems", April 22 - 25, 2024, Nantes, France: book of abstracts. Vienna : ICC – International Association for Cereal Science and Technology. 2024, P2-06, p. 261. [M.kr.: T 005]
180. [T3; TR; OA] **Eisinas, A.; Tiskute, M.; Veiveryte, E.; Dambrauskas, T.; Baltakys, K.** Influence of microwave-assisted synthesis temperature on the formation and properties of hydroxyapatite // Nanomach 2024: 5th international conference on nanomaterials, nanofabrication and nanocharacterization, Oludeniz, Turkey, April 18-24, 2024: book of abstracts. Istanbul : [s.n.]. 2024, Id-859, p. 30. [M.kr.: T 005]
181. [T3; TR] Kavetsky, T.; Goździuk, M.; Donchev, I.; Hoivanovych, N.; Nykolaishyn, O.; Pankiv, L.; Kukhazh, Y.; Mushynska, O.; Zubrytska, O.; **Ostrauskaite, Jolita**; Zgardzińska, B.; Šauša, O.; Švajdlenkova, H.; Kiv, A. Network properties of polymer matrixes for controlling a functionality of amperometric biosensors: recent advances and perspectives // BIOMATSEN 2024: 9th international congress on biomaterials and biosensors, Oludeniz, Turkiye, April 18-24, 2024. [S.l.] : [s.n.]. 2024, id-516, p. 25-26. [M.kr.: T 005]
182. [T3; LT; OA] **Pranaitytė, Guoda; Grybaitė, Birutė**; Endriulaitytė, Ugnė; **Mickevičius, Vytautas**; Petrikaitė, Vilma. Anticancer activity of some 1-(2,4-difluorophenyl)-5-oxopyrrolidine-3-carboxylic acid derivatives // The COINS 2024: international conference of life sciences, [April 15-17]: book of abstracts. Vilnius : Vilnius University. 2024, B3, p. 51. [M.kr.: N 003]
183. [T2; PL] **Gudinskaitė, Goda; Paleckienė, Rasa.** Benefits of frass in fertilizer production // EYEC monograph: 12th European young engineers conference, 15-17 April 2024, Warsaw, Poland. Warsaw : Faculty of Chemical and Process Engineering, Warsaw University of Technology, 2024, art. no. 11.5. ISBN 9788395382222. p. 99. [M.kr.: T 005]
184. [T3; LT; OA] **Bartkevičiūtė, Ieva; Malinauskienė, Vida; Kederienė, Vilija.** Examination of oxadiazole synthesis and properties // The COINS 2024: international conference of life sciences, [April 15-17]: book of abstracts. Vilnius : Vilnius University. 2024, B5, p. 53. [M.kr.: N 003]
185. [T2; PL] **Didžiulytė, Eglė; Šlinkšienė, Rasa.** Influences of temperature and extractions duration on the chemical composition of digestate extracts // EYEC monograph: 12th European young engineers conference, 15-17 April 2024, Warsaw, Poland. Warsaw : Faculty of Chemical and Process Engineering, Warsaw University of Technology, 2024, art. no. 9.4. ISBN 9788395382222. p. 71. [M.kr.: T 005]
186. [T3; LT; OA] **Meldaikytė, Ineta; Drūtytė, Aistė**; Ruzgys, Paulius; **Kederienė, Vilija.** Investigation of anticancer properties of 3,4'-bipyrazoles // The COINS 2024: international conference of life sciences, [April 15-17]: book of abstracts. Vilnius : Vilnius University. 2024, B4, p. 52. [M.kr.: N 003]
187. [T2; US; OA] **Drevilkauskaitė, Aida; Magomedov, Artiom; Getautis, Vytautas.** Monolayers with different anchoring groups for perovskite solar cells // Abstract book of the 2024 International PhD school on perovskite PV, April 15-17, 2024, Freiburg, Germany. New York : Science publishing group, 2024. ISBN 9798885991070. p. 3. [M.kr.: N 003]
188. [T2; US; OA] **Zubas, Aistis Rapolas; Denafas, Gintaras; Griškonis, Egidijus**; Kruopienė, Jolita. Solvent delamination for photovoltaic module with polyolefin elastomer encapsulation layer // Abstract book of the 2024 International PhD school on perovskite PV, April 15-17, 2024, Freiburg, Germany. New York : Science publishing group, 2024. ISBN 9798885991070. p. 4. [M.kr.: T 004]
189. [T3; LT] **Kovševič, Arnas; Viltrakis, Povilas; Jaglinskaitė, Indrė; Kederienė, Vilija.** Synthesis and properties investigation of benzothiophene // The COINS 2024: international conference of life sciences, [April 15-17]: book of abstracts. Vilnius : Vilnius University. 2024, B6, p. 54. [M.kr.: N 003]
190. [T2; LT] **Aleksaitytė, Gabija; Pocienė, Odeta; Šlinkšienė, Rasa.** Azoto, fosforo ir kalio koncentracijos kitimas biriuose organiniuose tręšiamuosiuose produktuose // Chemija ir geomokslai: I-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2024 m. kovo 22 d., VU Chemijos ir geomokslų fakulteto Chemijos institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2024, 5, p. 30. [M.kr.: T 005]
191. [T2; LT] **Skuodaitė, Emilija; Krylova, Valentina.** SILAR synthesis and XRD characterization of Ag₂S layers on PET/PVC construction textile // Chemija ir geomokslai: I-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2024 m. kovo 22 d., VU Chemijos ir geomokslų fakulteto Chemijos institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2024, 61, p. 86. [M.kr.: N 003]
192. [T2; LT] **Bagamulskytė, Ieva; Paleckienė, Rasa.** Skystosios trąšos su huminėmis medžiagomis, gautomis iš durpių // Chemija ir geomokslai: I-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2024 m. kovo 22 d., VU Chemijos ir geomokslų fakulteto Chemijos institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2024, 7, p. 32. [M.kr.: T 005]

193. [T2; LT] **Kuzborskaja, Karina; Jančaitienė, Kristina**. Skystos kompleksinės trąšos ir pagrindinės jų savybės // Chemija ir geomokslai: I-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2024 m. kovo 22 d., VU Chemijos ir geomokslų fakulteto Chemijos institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2024, 29, p. 54. [M.kr.: T 005]
194. [T2; LT] **Petrulevičius, Julius**; Yang, Yi; Liu, Cheng; **Steponaitis, Matas**; Kamarauskas, Egidijus; **Daškevičienė, Maryte**; Bati, Abdulaziz S.R.; **Malinauskas, Tadas**; Jankauskas, Vygintas; **Rakštys, Kasperas**; Kanatzidis, Mercouri G.; Sargent, Edward H.; **Getautis, Vytautas**. Teigiamų krūvininkų parneša pasižymintys trifeniletano dariniai ir jų panaudojimas perovskitiniuose saulės elementuose // Chemija ir geomokslai: I-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2024 m. kovo 22 d., VU Chemijos ir geomokslų fakulteto Chemijos institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2024, 48, p. 73. [M.kr.: N 003, N 002]
195. [T3; ES] **Kutraite, Ingrida; Augustiniene, Ernesta; Malys, Naglis**. Application of transcription factor-based biosensors in biodegradable polymer PHA-synthesizing bacteria // *Plastics: challenges and biotechnological solutions*, 20 March 2024, virtual conference: programme and abstract book. Barcelona : European Federation of Biotechnology. 2024, poster 2, p. 44. [M.kr.: T 005]
196. [T3; LV] **Steigvilaitė, Gabija**; Vaičiulytė, Lina. Sustainable processing of secondary plant-based raw materials using biological methods // *Innovative and applied research in biology = Inovātievi un pielietojamie pētījumi bioloģijā: 82nd international scientific conference of the University of Latvia*, 8 March 2024: programme and abstracts. Rīga : University of Latvia. 2024, Q4, p. 8. [M.kr.: T 005]
197. [T3; AT] **Šachlevičiūtė, Urtė**; Gonzalez, Gabriel; **Kleizienė, Neringa; Bieliauskas, Aurimas**; Kvasnicová, Marie; Štěpánková, Šárka; Zatloukal, Marek; Kvasnica, Miroslav; Strnad, Miroslav; Sløk, Frank A.; **Šačkus, Algirdas**; Žukauskaitė, Asta. Synthesis and neuroprotective activity of 3-arylazetidinyl acetic acid methyl ester derivatives // *4th Alpine Winter conference on medicinal and synthetic chemistry*, 28 January - 1 February, 2024, St. Anton, Austria. St. Anton : [s.n.]. 2024, P022, p. 108. [M.kr.: N 003]
198. [T2; PL; OA] **Denafas, Gintaras**; Tokelis, Arturas; **Kliučininkas, Linas**. Analysis of factors influencing the circularity of plastic packaging waste recycling: a case study in the Baltic States // *4th international conference "Strategies toward green deal implementation: water, raw materials & energy"*, 14 – 15 December 2023, online: abstract book. Cracow : Polish Academy of Sciences, 2024. ISBN 9788367606271. p. 36. [M.kr.: T 004]
199. [T2; PL; OA] **Sleiniute, Agne; Mumladze, Tamari; Denafas, Gintaras**. Breaking the barrier: exploring acidic solutions for delaminating multilayer aluminum packaging in the food industry // *4th international conference "Strategies toward green deal implementation: water, raw materials & energy"*, 14 – 15 December 2023, online: abstract book. Cracow : Polish Academy of Sciences, 2024. ISBN 9788367606271. p. 163. [M.kr.: T 004, T 008]
200. [T2; PL; OA] **Mumladze, Tamari; Sleiniute, Agne; Denafas, Gintaras**. Delamination techniques for multilayer packaging recycling: advances and challenges // *4th international conference "Strategies toward green deal implementation: water, raw materials & energy"*, 14 – 15 December 2023, online: abstract book. Cracow : Polish Academy of Sciences, 2024. ISBN 9788367606271. p. 155. [M.kr.: T 004, T 008]
201. [T2; PL; OA] Zubas, Aistis Rapolas; **Denafas, Gintaras**; Kruopienė, Jolita. Factors of recycling of end of life photovoltaic modules // *4th international conference "Strategies toward green deal implementation: water, raw materials & energy"*, 14 – 15 December 2023, online: abstract book. Cracow : Polish Academy of Sciences, 2024. ISBN 9788367606271. p. 99. [M.kr.: T 004]
202. [T2; PL; OA] **Sleiniute, Agne; Denafas, Gintaras**; Lu, Ming-Chun. Sustainable aluminum recovery from multilayer packaging wastewater: fluidized bed homogeneous crystallisation innovations // *4th international conference "Strategies toward green deal implementation: water, raw materials & energy"*, 14 – 15 December 2023, online: abstract book. Cracow : Polish Academy of Sciences, 2024. ISBN 9788367606271. p. 179. [M.kr.: T 004]
203. [T2; PL; OA] **Masionė, Goda; Ciuzas, Darius; Krugly, Edvinas; Tichonovas, Martynas; Martuzevicius, Dainius**. Towards sustainable air cleaning: exploring the potential of biobased air filtration // *4th international conference "Strategies toward green deal implementation: water, raw materials & energy"*, 14 – 15 December 2023, online: abstract book. Cracow : Polish Academy of Sciences, 2024. ISBN 9788367606271. p. 152. [M.kr.: T 004]

MOKSLO, MENO POPULIARINIMO LEIDINIAI IR JŲ DALYS, MULTIMEDIJA

1. [S9; LT; OA] **Kliučininkas, Linas**; Kliučininkas, Paulius. Kas yra tvarus ir kūrybiškas miestas? : pozicija // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, gruod. 31, p. 1-3. [M.kr.: T 004]
2. [S9; LT; OA] Žilinskas, Albinas (interviu, duodantis); **Kaunelienė, Violeta (interviu, duodantis)**; Beržanskytė, Elizabet (interviu, imantis). Teršia ne mažiau nei dyzelinas: mokslininkai įspėja, kurių žvakių geriau nesirinkti // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, gruod. 26, p. 1-4. (Mokslas ir IT). [M.kr.: T 004]

3. [S9; LT; OA] **Ūsovienė, Eglė (interview, duodantis)**. Paspirtukų sprogimai taps praeitimi – lietuvė kuria alternatyvą nesaugiems akumulatoriams : pranešimas žiniasklaidai // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, gruod. 18, p. 1-2. [M.kr.: T 005]
4. [S9; LT; OA] **Rutkaitė, Ramunė (interview, duodantis); Amobonye, Ayodeji (interview, duodantis)**. Bioplastikus tiriantys KTU mokslininkai: pasaulį teršia ne plastikas, o žmogus : pranešimas žiniasklaidai // Atliekų kultūra. Vilnius : Vilniaus apskrities atliekų tvarkymo centro (VAATC). 2024, p. 1-3. [M.kr.: T 005]
5. [S9; LT; OA] **Urnėžaitė, Inga (interview, duodantis);** Pepcevičiūtė-Bogušienė, Indrė (interview, imantis). KTU mokslininkė – apie Baltijos taršą ir kaip ją mažinti: kiekvienas iš savo namų išleidžiamame vandenyje, kuris patenka į jūrą // Delfi.lt. Vilnius : UAB Delfi. 2024, lapkr. 12, p. 1-5. [M.kr.: T 004]
6. [S9; LT; OA] **Pauliukaitytė, Ingrida (interview, duodantis);** Lukaševičius, Tautvydas (interview, imantis). Nuo rūbų iki žaislų: celiuliozės perdirbimo būdą sukūrė Lietuvos mokslininkai siekia pakeisti naftą : pranešimas žiniasklaidai // Verslo žinios. Vilnius : UAB „Verslo žinios“. 2024, lapkr. 10, p. 1-2. [M.kr.: T 005]
7. [S9; LT; OA] **Valatka, Eugenijus (interview, duodantis);** Ukvalbergienė, Kristina (interview, duodantis); Daunorienė, Asta (interview, duodantis). KTU įrengtos inovatyvios iššūkiams grįsto mokymosi erdvės – unikali Baltijos šalyse : pranešimas žiniasklaidai // Elektronika.lt. 2024, spal. 24, p. 1-3. [M.kr.: S 008]
8. [S9; LT; OA] Budrienė, Augustė Barbora (interview, duodantis); **Kaunelienė, Violeta (interview, duodantis);** Abraškevičius, Simas (interview, duodantis); Tarailaitė, Agnė (interview, imantis). Žinokite, ką perkate: „Shein“ ir „Temu“ produktuose – dideli kiekiai toksiškų chemikalų // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, spal. 1, p. 1-4. [M.kr.: T 004]
9. [R2a; LT; OA] **Jasutienė, Ina**. „Mokslo langai“ apie uogas ir jų naudą žmogaus organizmui // Mokslo langai: radijo laida, transliuojama per radijo stotis „Pūkas“ ir „Pūkas-2“. Kaunas : UAB „Pūkas“. 2024, rugs. 25, garso įrašas. [M.kr.: T 005]
10. [S9; LT; OA] **Jankūnaitė, Dalia (interview, duodantis)**. Diena X – kiek vandens atsargų reikėtų turėti namuose ir kaip jį tinkamai laikyti // Delfi. Vilnius : UAB Delfi. 2024, rugs. 8, p. 1-2. [M.kr.: T 004]
11. [S9; LT; OA] Shmielova, Daria (interview, duodantis); Valinčius, Gintaras (interview, duodantis); Njoku, Emmanuel Gabriel (interview, duodantis); **Bučinskas, Audrius (interview, duodantis);** Lebedeva, Julija (interview, duodantis); Sokaitė, Karolina (interview, duodantis); Bukauskytė, Justė (interview, duodantis); Baranauskaitė, Agnė (interview, duodantis); Marcinkevičiūtė, Miglė (interview, duodantis); Monstavičienė, Ilona. Lietuvoje mokslinius tyrimus vykdė rekordinis skaičius studentų // delfi.lt: Mokslas. Delfi. 2024, p. 1-13. [M.kr.: S 003]
12. [S9; LT; OA] Shmielova, Daria (interview, duodantis); Valinčius, Gintaras (interview, duodantis); Njoku, Emmanuel Gabriel (interview, duodantis); **Bučinskas, Audrius (interview, duodantis);** Lebedeva, Julija (interview, duodantis); Sokaitė, Karolina (interview, duodantis); Bukauskytė, Justė (interview, duodantis); Baranauskaitė, Agnė (interview, duodantis); Marcinkevičiūtė, Miglė (interview, duodantis); Monstavičienė, Ilona. Šią vasarą mokslinius tyrimus vykdė rekordinis skaičius studentų // elta.lt: Pranešimai spaudai : ELTA. 2024, p. 1-2. [M.kr.: S 003]
13. [S9; LT; OA] **Urnėžaitė, Inga (interview, duodantis);** Koreivienė, Judita (interview, duodantis); Kasperovičienė, Jūratė (interview, duodantis); Beržanskytė, Elizabet (interview, imantis). Mokslininkės: toksinų koncentracija Kauno mariose gali 100 kartų viršyti normas // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, rugpj. 26, p. 1-4. (Mokslas ir IT). [M.kr.: T 004]
14. [S9; LT; OA] **Gražulevičius, Juozas Vidas (interview, duodantis); Dabulienė, Asta (interview, duodantis)**. KTU mokslininkų inovacija vidaus vartojimui skirtiems saulės elementams – būdas išvengti energijos praradimo : pranešimas spaudai // 15min. Vilnius : UAB 15min. 2024, rugpj. 6, p. 1-3. [M.kr.: T 008]
15. [S9; LT; OA] **Kitrytė-Syrpa, Vaida (interview, duodantis);** Bulota, Mindaugas (interview, duodantis); **Prasauskas, Tadas (interview, duodantis)**. KTU chemikai – išskirtiniame NATO tinkle : pranešimas žiniasklaidai // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, liep. 2, p. 1-3. (Mokslas ir IT). [M.kr.: N 003]
16. [S9; LT; OA] **Urnėžaitė, Inga (interview, duodantis)**. KTU mokslininkė: kodėl Baltijos jūros vanduo ne toks kaip Graikijos ar Italijos paplūdimiuose? : pranešimas spaudai // 15min. Vilnius : UAB 15min. 2024, birž. 17, p. 1. [M.kr.: T 004]
17. [R2a; LT; OA] **Kliučininkas, Linas (interview, duodantis);** Vasiliauskaitė, Simona (interview, imantis). KTU profesorius apie augantį retųjų metalų ir mineralų poreikį: ES žaliavų trūksta // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, birž. 12, vaizdo įrašas. (Laba diena, Lietuva). [M.kr.: T 004]
18. [S9; LT; OA] **Kutraitė, Ingrida (interview, duodantis)**. KTU mokslininkai kuria biojutiklius, kurie galėtų būti pritaikomi vėžio diagnostikoje : pranešimas žiniasklaidai // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, birž. 10, p. 1-2. (Mokslas ir IT). [M.kr.: T 005]
19. [R2a; LT; OA] **Urnėžaitė, Inga (interview, duodantis);** Vasiliauskaitė, Simona (interview, imantis). Mokslininkė apie amžinuosius teršalus ir kaip jų išvengti: reikėtų skaityti sudėtį // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, geg. 23, vaizdo įrašas. (Laba diena, Lietuva). [M.kr.: T 004]

20. [S9; LT; OA] **Malinauskas, Tadas (interviu, duodantis); Getautis, Vytautas (interviu, duodantis); Svirskaitė, Monika (interviu, duodantis); Žėkienė, Greta (interviu, duodantis).** Lietuvos mokslininkų išradimas sudomino Japonijos įmonę // Lrytas.lt. Vilnius : UAB Lrytas. 2024, geg. 21, p. 1-2. [M.kr.: N 003]
21. [S9; LT; OA] **Urnėžaitė, Inga (interviu, duodantis); Švaikauskaitė, Judita (interviu, duodantis).** Gaminame spragėsius mikrobangų krosnelėje? Juose gali slėpti pavojingi chemikalai // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, geg. 9, p. 1-4. [M.kr.: T 004]
22. [S9; LT; OA] **Daškevičiūtė, Šarūnė (interviu, duodantis); Getautis, Vytautas (interviu, duodantis).** KTU mokslininkai sukūrė medžiagą, kuri galėtų pagerinti saulės elementų veikimą : pranešimas spaudai // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, geg. 7, p. 1-2. [M.kr.: N 003]
23. [R2a; LT; OA] **Martuzevičius, Dainius (interviu, duodantis);** Morkūnaitė - Mačiulienė, Vaida (interviu, imantis). Atsakė, kokios technologijos lems žmonijos persikraustymą į miestus: laukia daugybė iššūkių // Lrytas.lt. Vilnius : UAB Lrytas. 2024, bal. 23, vaizdo įrašas. (KTU Technorama). [M.kr.: T 004]
24. [S9; LT; OA] **Kaunelienė, Violeta (interviu, duodantis);** Aleknavičė, Karolina (interviu, imantis). Neišmoktos didžiųjų gaisrų Lietuvoje pamokos: pavojingos medžiagos gali išlikti dešimtmečius // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, kovo 28, p. 1-3. [M.kr.: T 004]
25. [R2a; LT; OA] **Valeika, Virgilijus (interviu, duodantis);** Jankauskaitė, Virginija (interviu, duodantis); Vaida, Girčė (interviu, imantis). Žaizdos gis greičiau ir randų liks mažiau: sprendimą rado Kauno mokslininkai // TV3.lt. Vilnius : „TV3 grupė“. 2024, kovo 17, vaizdo įrašas. [M.kr.: T 008, T 005]
26. [S9; LT; OA] **Šipailienė, Aušra (interviu, duodantis);** Zabulionė, Aelita (interviu, duodantis); Domeikienė, Auksė (interviu, duodantis); Beržanskytė, Elizabet (interviu, imantis). Kiaušiniai be antibiotikų, liesa varškė ir kitos skambios etiketės: ar tokie produktai išties sveikesni // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, kovo 15, p. 1-4. (Mokslas ir IT). [M.kr.: T 005]
27. [R2a; LT; OA] **Valeika, Virgilijus (interviu, duodantis);** Jankauskaitė, Virginija (interviu, duodantis); Rimdeika, Rytis (interviu, duodantis); Ieva, Dyraitė (interviu, imantis). Avių vilnos keratinas – žaizdoms gydyti // LNK.lt. Vilnius : UAB „Laisvas ir nepriklausomas kanalas“. 2024, kovo 3, vaizdo įrašas. [M.kr.: T 008, T 005]
28. [R2a; LT; OA] Jankauskaitė, Virginija (interviu, duodantis); **Valeika, Virgilijus (interviu, duodantis);** Karlonė, Kristina (interviu, imantis). Tvarsliava iš avių vilnos keratino // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2024, vas. 29, vaizdo įrašas. (Laba diena, Lietuva). [M.kr.: T 008, T 005]
29. [S9; LT; OA] Jankauskaitė, Virginija (interviu, duodantis); **Valeika, Virgilijus (interviu, duodantis);** Adomavičiūtė, Erika (interviu, duodantis). Lietuvos ir Rumunijos mokslininkai iš avių vilnos sukūrė ypatingą medžiagą, kuri pagerins žaizdų gijimą : pranešimas spaudai // Delfi. Vilnius : UAB Delfi. 2024, vas. 14, p. 1-2. [M.kr.: T 008, T 005]

SUDARYTI MOKSLO DARBAI

1. [K5; CH] Ceresino, Elaine Berger (sudarytojas); **Juodeikiene, Grazina (sudarytojas);** Schwenninger, Susanne Miescher (sudarytojas); da Rocha, João Miguel Ferreira (sudarytojas). Sourdough microbiota and starter cultures for industry / editors: Elaine Berger Ceresino, Grazina Juodeikiene, Susanne Miescher Schwenninger, João Miguel Ferreira da Rocha. Cham : Springer, 2024. 495 p. ISBN 9783031486036. eISBN 9783031486043. DOI: 10.1007/978-3-031-48604-3. [Scopus] [M.kr.: T 005]

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	130	72,365			110	110	61,025
1.1. <i>Web of Science</i> duomenų bazėje indeksuotuose leidiniuose su cituojamumo rodikliu (JCR SCIE)	111	61,425			110	110	61,025
1.1.1. Tarptautinėse (užsienio) leidyklose	111	61,425			110	110	61,025
1.2. <i>Web of Science</i> duomenų bazėje indeksuotuose leidiniuose be cituojamumo rodiklio (JCR SCIE)	7	4,444					
1.2.1. Tarptautinėse (užsienio) leidyklose	7	4,444					
1.3. Kituose recenzuojamuose mokslo leidiniuose	1	0,333					
1.3.1. Tarptautinėse (užsienio) leidyklose	1	0,333					
1.4. Recenzuojamoje konferencijų pranešimų medžiagoje	11	6,163					
1.4.1. Tarptautinėse (užsienio) leidyklose	11	6,163					
2. RECENZIJOS, APŽVALGOS IR ATSTOVAUJAMOS BENDRAAUTORYSTĖS STRAIPSNIAI	2	1,668			0	0	0,000
2.1. <i>Web of Science</i> duomenų bazėje indeksuotuose leidiniuose su cituojamumo rodikliu (JCR SCIE)	1	1,000			0	0	0,000
2.1.1. Tarptautinėse (užsienio) leidyklose	1	1,000			0	0	0,000
2.3. Kituose recenzuojamuose mokslo leidiniuose	1	0,668					
2.3.2. Nacionalinėse (Lietuvos) leidyklose	1	0,668					
3. MOKSLO MONOGRAFIJOS IR JŲ DALYS	3	1,916	20,618	22,571			
3.1. Tarptautiniu mastu pripažintose leidyklose	3	1,916	20,618	22,571			
6. PATENTAI IR PATENTINĖS PARAIŠKOS	17	14,682					
6.1. EPO, USPTO, JPO patentų tarnybose įregistruoti patentai	2	1,048					
6.3. Lietuvos Respublikos valstybiniame patentų biure įregistruoti patentai	2	2,000					
6.4. EPO, USPTO, JPO patentų tarnybose įregistruotos patentinės paraiškos	11	9,634					
6.5. Lietuvos ir kitų užsienio šalių patentų tarnybose įregistruotos patentinės paraiškos	2	2,000					
7. STUDIJŲ IR MOKOMIEJI LEIDINIAI IR JŲ DALYS	1	1,000	4,286	4,286			
7.3. Metodinės priemonės	1	1,000	4,286	4,286			
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