

Ataskaitos data: 2026-08-03
 Laikotarpio tipas: Pagal publikavimo metus
 Laikotarpis: 2025 - 2025
 Institucija: Kauno technologijos universitetas (įmonės kodas: 111950581)
 Padaliniai: Cheminės technologijos fakultetas (02)
 Dokumento tipas: PDB

MOKSLO IR KITŲ DARBŲ SĄRAŠAS

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

STRAIPSNIAI RECENZUOJAMUOSE MOKSLO LEIDINIUOSE

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

Užsienio leidyklose

- [S1; GB; OA] **Luizys, Povilas**; Tian, Shun; **Rakstys, Kasparas**; Turnell-Ritson, Roland C.; Paulauskas, Valdas; Jankauskas, Vygintas; **Getautis, Vytautas**; Nazeeruddin, Mohammad Khaja. Benzothiazole-based arylamines as hole transporting materials for perovskite solar cells // *Journal of materials chemistry C*. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2025, vol. 13, iss. 26, p. 13502-13508. DOI: 10.1039/d5tc01318f. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 6,500; IF/AIF: 0,784; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,375]
- [S1; US] **Kižytė, Erika**; **Bartkuvienė, Ieva**; **Jasutienė, Ina**; **Keršienė, Milda**; **Eisinaitytė, Viktorija**; **Leskauskaitė, Daiva**. Co-encapsulation of vitamin C, B9 and D3 in the double W/O/W emulsion composition: emulsified vs powdered form // *Food biophysics*. New York : Springer. ISSN 1557-1858. eISSN 1557-1866. 2025, vol. 20, iss. 3, art. no. 95, p. 1-10. DOI: 10.1007/s11483-025-09985-4. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,900; AIF: 6,000; IF/AIF: 0,650; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
- [S1; IE] Nguena-Dongue, Branly-Natalien; **Amobonye, Ayodeji**; Waleguele, Claire Christine; Asong, Stella Tofac; Tchuengua, Claire Vianey; Menkem, Elisabeth Zeuko'o; Pillai, Santhosh. In vitro antimicrobial activities and phytochemical profiling of *Cananga odorata*, *Terminalia catappa*, and *Terminalia mantaly* // *Journal of ethnopharmacology*. Shannon : Elsevier. ISSN 0378-8741. eISSN 1872-7573. 2025, vol. 352, art. no. 120144, p. 1-15. DOI: 10.1016/j.jep.2025.120144. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,800; AIF: 4,900; IF/AIF: 1,387; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,071]
- [S1; NL] **Bucinskas, Audrius**; **Bezvikonnyi, Oleksandr**; Danyliv, Iryna; Ivaniuk, Khrystyna; Kutsiy, Stepan; **Volyniuk, Dmytro**; **Rashid, Ehsan Ullah**; **Giedraitė, Simona**; Stakhira, Pavlo; **Grazulevicius, Juozas V.** New derivatives of N,N'-bis(naphthalen-1-yl)-N,N'-bis(phenyl)benzidine for dopant-free organic light emitting diodes with low turn-on voltages // *Optical materials*. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2025, vol. 168, art. no. 117467, p. 1-10. DOI: 10.1016/j.optmat.2025.117467. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 5,300; IF/AIF: 0,811; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,550]
- [S1; GB; OA] Fabregat, Clara; Bujaldón, Roger; Garcia-Amorós, Jaume; **Volyniuk, Dmytro**; **Ghasemi, Melika**; **Grazulevicius, Juozas V.**; Velasco, Dolores. Unlocking room temperature phosphorescence in dibenzothiophene-based systems via the Scholl reaction // *Dyes and pigments*. London : Elsevier. ISSN 0143-7208. eISSN 1873-3743. 2025, vol. 243, art. no. 113053, p. 1-10. DOI: 10.1016/j.dyepig.2025.113053. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,900; AIF: 6,133; IF/AIF: 0,635; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,426]
- [S1; US; OA] Kadlecová, Alena; **Dzedulionytė Mūldūr, Karolina**; Peřina, Miroslav; Bielešzová, Kristýna; Zhang, Chao; Kovářčėk, Daniel; Valderas-García, Elora; Vítėk, Dominik; **Valikonytė, Miglė**; **Šačkus, Algirdas**; **Solovjova, Joana**; **Malinauskienė, Vida**; Doležal, Karel; Novák, Ondřej; Grundler, Florian M.W.; Roy, Peter; Martínez-Valladares, Maria; Voller, Jiři; Schleker, A. Sylvia S.; Žukauskaitė, Asta. Synthesis, anthelmintic activity, and mechanism of action of 5-Aryl-1H-indoles // *Journal of agricultural and food chemistry*. Washington, DC : American Chemical Society. ISSN 0021-8561. eISSN 1520-5118. 2025, vol. 73, iss. 52, p. 33059-33069. DOI: 10.1021/acs.jafc.5c14071. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,700; AIF: 6,100; IF/AIF: 1,098; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,225]
- [S1; CH; OA] **Baranauskienė, Renata**; **Račkauskienė, Ieva**; **Venskutonis, Petras Rimantas**. Characterization of steam volatiles and evaluation of the antioxidant properties of different extracts from leaves and roots of *Aegopodium podagraria* L. // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 24, art. no. 4786, p.

- 1-19. DOI: 10.3390/molecules30244786. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 1,000]
8. [S1; CH; OA] Kalpokaitė-Dičkuvienė, Regina; **Stasiulaitienė, Inga**; Baltušnikas, Arūnas; Yousef, Samy. Transforming waste into value: the role of recovered carbon fibre and oil shale ash in enhancing cement-based structural composites // *Materials*. Basel : MDPI. ISSN 1996-1944. 2025, vol. 18, iss. 24, art. no. 5636, p. 1-20. DOI: 10.3390/ma18245636. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,700; AIF: 7,000; IF/AIF: 0,528; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 004] [Indėlis: 0,250]
9. [S1; CH; OA] **Gaizauskaite, Zydrune; Zadeike, Daiva**. Valorisation of sugar beet processing waste for enhanced production of fungal biomass as a sustainable alternative protein source // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 24, art. no. 13165, p. 1-25. DOI: 10.3390/app152413165. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,750]
10. [S1; CH; OA] **Šlinkšienė, Rasa; Grodickas, Marijus**. A biological additive in granulated mineral compound fertilizer improves productivity of spring wheat and sugar beet // *Frontiers in sustainable food systems*. Lausanne : Frontiers Media SA. ISSN 2571-581X. 2025, vol. 9, art. no. 1680939, p. 1-13. DOI: 10.3389/fsufs.2025.1680939. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 4,100; AIF: 6,000; IF/AIF: 0,683; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
11. [S1; US; OA] **Amobonye, Ayodeji**; Agostinis Sobrinho, César Aparecido; GBD 2023 Breast Cancer collaborators, (+2,282 authors). Global, regional, and national burden of cardiovascular diseases and risk factors in 204 countries and territories, 1990-2023 // *Journal of the American College of Cardiology*. New York : Elsevier. ISSN 0735-1097. eISSN 1558-3597. 2025, vol. 86, iss. 22, p. 2167-2243. DOI: 10.1016/j.jacc.2025.08.015. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 22,300; AIF: 4,800; IF/AIF: 4,645; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, M 004] [Indėlis: 0,002]
12. [S1; CH; OA] **Jonuškienė, Ilona; Narmontaitė, Justė; Kantminienė, Kristina; Tumosienė, Ingrida; Stankevičienė, Rima; Petraškauskienė, Neringa**. Eco-friendly biosynthesis and characterization of silver nanoparticles using *Zinnia elegans* L. plant extracts // *Sustainability*. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 21, art. no. 9451, p. 1-24. DOI: 10.3390/su17219451. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 1,000]
13. [S1; CH; OA] **Sruogaitė, Vėja; Krylova, Valentina**. Structure, composition and optical properties of thin films of copper sulphide and bismuth sulphide deposited on various textiles by the SILAR method // *Coatings*. Basel : MDPI. ISSN 2079-6412. 2025, vol. 15, iss. 11, art. no. 1266, p. 1-22. DOI: 10.3390/coatings15111266. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,400; AIF: 6,066; IF/AIF: 0,560; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
14. [S1; NL; OA] **Imamou Hassani, Mouandhe**. Mitigating acrylamide formation using agrifood waste materials: a concise review // *Food chemistry: X*. Amsterdam : Elsevier. ISSN 2590-1575. 2025, vol. 32, art. no. 103308, p. 1-12. DOI: 10.1016/j.fochx.2025.103308. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 9,200; AIF: 6,750; IF/AIF: 1,362; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,500]
15. [S1; NL; OA] Abel, Grace; Bhagwat, Prashant; **Amobonye, Ayodeji**; Singh, Neeraj Kumar; Permaul, Kugen; Pillai, Santhosh. Microwave-assisted deep eutectic solvent pretreatment of macadamia nut shells and pinewood shavings for effective saccharification and bioethanol production // *Industrial crops and products*. Amsterdam : Elsevier. ISSN 0926-6690. eISSN 1872-633X. 2025, vol. 237, art. no. 122263, p. 1-14. DOI: 10.1016/j.indcrop.2025.122263. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,400; AIF: 4,950; IF/AIF: 1,292; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,083]
16. [S1; CH; OA] **Jančaitienė, Kristina; Pocienė, Odeta; Šlinkšienė, Rasa**. The role of lupins and buckwheat in sustainable agriculture, nutrition, and the circular economy // *Sustainability*. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 22, art. no. 10061, p. 1-25. DOI: 10.3390/su172210061. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 1,000]
17. [S1; NL] **Augustiniene, Ernesta; Sabaliauske, Ingrida; Malys, Naglis**. Development and application of *Sphingobium* sp. SYK-6-based biosensor for the detection of syringic acid and metabolically related compounds // *Microchemical journal*. Amsterdam : Elsevier. ISSN 0026-265X. eISSN 1095-9149. 2025, vol. 219, art. no. 116133, p. 1-10. DOI: 10.1016/j.microc.2025.116133. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,200; AIF: 4,800; IF/AIF: 1,083; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 1,000]
18. [S1; US; OA] Vascon, Filippo; Fongaro, Benedetta; **Mickevičius, Vytautas**; Pasquato, Antonella; **Grybaite, Birute**; Petraitis, Vidmantas; Ben Abderrazek, Rahma; Polverino de Laureto, Patrizia; Tondi, Donatella; **Kavaliauskas, Povilas**; Cendron, Laura. Identification and characterization of a small-molecule inhibitor of the *pseudomonas aeruginosa* SOS response // *ACS Infectious diseases*. Washington, DC : American Chemical

Society. ISSN 2373-8227. 2025, vol. 11, iss. 12, p. 3465-3480. DOI: 10.1021/acsinfecdis.5c00467. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,500; AIF: 4,600; IF/AIF: 0,978; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,225]

19. [S1; CH; OA] Magriplis, Emmanuella; Smiliotopoulos, Theodoros; Myrintzou, Niki; Burton-Pimentel, Kathryn Jane; Adamberg, Signe; Adamberg, Kaarel; Agagündüz, Duygu; Atanasova-Pancevska, Natalijam; Beglaryan, Meline; Brouwer Brolsma, Elske M.; Burtcher, Johana; Cerjak, Marija; Ciesarová, Zuzana; Ciprovica, Inga; De Filippis, Francesca; Gandia, Mónica; Hillesheim, Elaine; Hoxha, Luziana; Borch Ibsen, Daniel; Ivanova, Nastia; Jenssen, Håvard; Jones, Petra; Kalea, Anastasia; Kalyoncu Atasoy, Zeynep Begum; **Kitryte-Syrpa, Vaida**; Kostic, Aleksandra; Laranjo, Marta; Meslier, Victoria; **Nagybákay, Nóra Emilia**; Nakov, Gjore; Nikola, Malviina; Pafilas, Christos; Papademas, Photis; Pavli, Foteini; Pitsi, Tagli; Pohjanheimo, Terhi; Pravst, Igor; Rajic, Jelena; Russo, Pasquale; Sar, Taner; Starowicz, Małgorzata; Taljic, Irzada; Trajkovska, Biljana; Vergères, Guy; Vidovic, Bojana; Chassard, Christophe; **Syrpas, Michail**. Validation of the fermented food frequency questionnaire to assess consumption across four European regions: a study within the promoting innovation of fermented foods cost action // *Frontiers in nutrition*. Lausanne : Frontiers Media SA. ISSN 2296-861X. 2025, vol. 12, art. no. 1667653, p. 1-13. DOI: 10.3389/fnut.2025.1667653. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,500; AIF: 5,600; IF/AIF: 0,982; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,063]
20. [S1; CH; OA] **Žadeikė, Daiva**; Copperstone, Claire; Aleksandrova, Olha; Ünal, Derya Özalp; Šavikin, Katarina; Živković, Jelena; Güzel, Mustafa; Kalkan Yildirim, Hatice; Künili, Ibrahim Ender; Ivanova, Teodora; Özmen, Özge; Bantis, Filippas; Milešević, Jelena; Balázs, Bálint; Negrão, Sónia; Knez, Marija. Rye (*Secale cereale* L.) revisited—nutritional composition, functional benefits, and role in sustainable diets // *Frontiers in nutrition*. Lausanne : Frontiers Media SA. ISSN 2296-861X. 2025, vol. 12, art. no. 1666455, p. 1-18. DOI: 10.3389/fnut.2025.1666455. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,500; AIF: 5,600; IF/AIF: 0,982; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,070]
21. [S1; NL] **Nagybákay, Nóra Emilia**; **Syrpas, Michail**; **Jaskūnas, Andrius**; **Šipailienė, Aušra**; **Venskutonis, Petras Rimantas**; **Kitrytė-Syrpa, Vaida**. CCD-RSM optimization and Aspen Plus® simulation of pressurized ethanol extraction for sustainable xanthohumol and antioxidant-rich fraction recovery from delipidated hop residues // *Sustainable chemistry and pharmacy*. Amsterdam : Elsevier. ISSN 2352-5541. 2025, vol. 48, art. no. 102244, p. 1-6. DOI: 10.1016/j.scp.2025.102244. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,700; AIF: 6,833; IF/AIF: 0,980; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
22. [S1; CH; OA] Nkomonde, Sibusisiwe Nobuhle; du Plessis, Heinrich Wilbur; Bhagwat, Prashant; **Amobonye, Ayodeji Emmanuel Tope**; Gomomo, Zukisani; Mewa-Ngongang, Maxwell; Hoff, Justin Wallace; Pillai, Santhosh. Biocontrol potential of selected phyllospheric yeasts against *Botrytis cinerea* and *Fusarium fujikuroi* // *Fermentation*. Basel : MDPI. ISSN 2311-5637. 2025, vol. 11, iss. 11, art. no. 606, p. 1-16. DOI: 10.3390/fermentation11110606. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 5,400; IF/AIF: 0,759; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,062]
23. [S1; US] Kutsiy, Stepan; **Bezvikonnyi, Oleksandr**; Hotynchan, Andrii; **Volyniuk, Dmytro**; Luboradzki, Roman; Zinchenko, Hanna M.; Wisniewska, Agnieszka; Stakhira, Pavlo; **Grazulevicius, Juozas Vidas**; Potopnyk, Mykhaylo A. Donor-acceptor boron difluoride complexes for bipolar exciplex emitters in organic light-emitting diodes // *ACS Applied materials and interfaces*. Washington, DC : American Chemical Society. ISSN 1944-8244. eISSN 1944-8252. 2025, vol. 17, iss. 44, p. 60956-60968. DOI: 10.1021/acsami.5c17456. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 7,800; AIF: 8,450; IF/AIF: 0,923; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,300]
24. [S1; GB] Yousef, Samy; Eimontas, Justas; Zakarauskas, Kęstutis; **Stasiulaitienė, Inga**; Striūgas, Nerijus; Tučkutė, Simona. Catalytic pyrolysis of wind turbine blades waste for plasticizers recovery and its life cycle assessment // *Journal of environmental management*. London : Elsevier. ISSN 0301-4797. eISSN 1095-8630. 2025, vol. 395, art. no. 127690, p. 1-15. DOI: 10.1016/j.jenvman.2025.127690. [Science Citation Index Expanded (Web of Science); Scopus; Biological Abstracts] [IF: 9,200; AIF: 5,900; IF/AIF: 1,559; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 004, T 006, T 009] [Indėlis: 0,166]
25. [S1; DE; OA] Roumaissa, Labza; Cherif, Hamida Saidia; Derbak, Larbi; **Venskutonis, Petras Rimantas**; Demirtas, Ibrahim; Mohammed M., Alzahrani; Boufahja, Fehmi; Bendif, Hamdi; Garzoli, Stefania. New insights into secondary metabolite potential in *hypericum perforatum*, UPLC-ESI-MS/MS to novel phytochemical discovery with bioactivity assessment // *ChemistrySelect*. Weinheim : Wiley-VCH. ISSN 2365-6549. 2025, vol. 10, iss. 40, art. no. e03590, p. 1-17. DOI: 10.1002/slct.202503590. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,300; AIF: 7,800; IF/AIF: 0,294; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,111]
26. [S1; CH; OA] **Michalkevičius, Rytis**; **Bašinskienė, Loreta**; **Jagelavičiūtė, Jolita**; **Čižeikienė, Dalia**. Incorporation of black currant pomace into emulsions for reducing saturated fat in shortbread cookies // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 20, art. no. 11266, p. 1-16. DOI: 10.3390/app152011266. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
27. [S1; CH; OA] Dyussembayeva, Gulnur; Jumadilov, Talkybek; **Grazulevičius, Juozas**; Mukatayeva, Zhazira;

- Khimersen, Khuangul; Totkhuskyzy, Bakytgul. Selective gold ion sorption from iron-containing solution using an interpolymers system of industrial ion exchangers // *Polymers*. Basel : MDPI. ISSN 2073-4360. 2025, vol. 17, iss. 20, art. no. 2808, p. 1-20. DOI: 10.3390/polym17202808. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,800; AIF: 5,900; IF/AIF: 0,983; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,166]
28. [S1; CH; OA] **Lazickaitė, Enrika; Keršienė, Milda; Eisinaitė, Viktorija; Jasutienė, Ina; Damulevičienė, Gytė; Leskauskaitė, Daiva**. Hydrogel-based finger foods: enhancing nutritional intake and swallowing safety in older persons with dysphagia // *Nutrients*. Basel : MDPI. ISSN 2072-6643. 2025, vol. 17, iss. 20, art. no. 3289, p. 1-17. DOI: 10.3390/nu17203289. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,800; AIF: 5,600; IF/AIF: 1,035; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, M 001] [Indėlis: 0,834]
 29. [S1; CH; OA] **Svedaite, Evelina; Baltakys, Kestutis; Dambrauskas, Tadas**. Opoka as a natural material for phosphorus removal: properties and applications // *Water*. Basel : MDPI. ISSN 2073-4441. 2025, vol. 17, iss. 20, art. no. 3017, p. 1-18. DOI: 10.3390/w17203017. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,500; AIF: 5,500; IF/AIF: 0,636; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 30. [S1; CH; OA] **Zubrickaite, Dominyka; Bronusiene, Asta; Ancutienė, Ingrida**. Morphological, compositional and optical properties of CuxS films on FTO glass // *Coatings*. Basel : MDPI. ISSN 2079-6412. 2025, vol. 15, iss. 10, art. no. 12211, p. 1-14. DOI: 10.3390/coatings15101221. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,400; AIF: 6,066; IF/AIF: 0,560; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
 31. [S1; DE; OA] Arsenyan, Pavel; Petrenko, Alla; **Bucinskas, Audrius; Rashid, Ehsan Ullah; Chen, KuanWei; Lee, JiunHaw; Chiu, TienLung; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro; Belyakov, Sergey; Grazulevicius, Juozas V.** Boosting triplet-triplet annihilation upconversion in OLEDs via substituent control in dicarbazolyl anthracenes // *Advanced electronic materials*. Weinheim : Wiley-VCH. ISSN 2199-160X. 2025, vol. 11, iss. 20, art. no. e00554, p. 1-14. DOI: 10.1002/aelm.202500554. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,900; AIF: 7,666; IF/AIF: 0,769; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,450]
 32. [S1; CH; OA] Andziukevičiūtė-Jankūnienė, Akvilė; Adomavičiūtė, Erika; Gaidau, Carman; **Valeika, Virgilijus; Balčiūnaitienė, Aistė; Viškelis, Jonas; Rapa, Maria; Jankauskaitė, Virginija**. Fabrication and characterization of electrospun keratin mats with echinacea purpurea L. and biosynthesized silver nanoparticles // *International journal of molecular sciences*. Basel : MDPI. ISSN 1661-6596. eISSN 1422-0067. 2025, vol. 26, iss. 20, art. no. 9919, p. 1-22. DOI: 10.3390/ijms26209919. [Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,600; AIF: 7,000; IF/AIF: 0,800; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 005, A 001] [Indėlis: 0,125]
 33. [S1; US; OA] **Dzedulionytė Mūldūr, Karolina; Žukauskaitė, Asta; Šačkus, Algirdas; Arbačiauskienė, Eglė**. Recent synthetic advances in C–H/N–H functionalization of 1H-pyrazoles: diverse strategies across variously substituted scaffolds // *Chemical record*. Weinheim : Wiley-VCH. ISSN 1527-8999. eISSN 1528-0691. 2025, vol. 25, iss. 12, art. no. e202500024, p. 1-42. DOI: 10.1002/tcr.202500024. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,900; AIF: 7,800; IF/AIF: 1,141; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,625]
 34. [S1; CH; OA] Keyvan, Erhan; Adesemoye, Elizabeth; Champomier-Vergès, Marie-Christine; Chanséaume-Bussiere, Emilie; Mardon, Julie; Nikolovska Nedelkoska, Daniela; Palamutoglu, Recep; Russo, Pasquale; Sarand, Inga; Songre-Ouattara, Laurencia; Trajkovska, Biljana; Karakaya, Sibel; **Syrpas, Michail; Chassard, Christophe; Pračer, Smilja; Vergères, Guy; Heine, Daniel; Humblot, Christèle**. Vitamins formed by microorganisms in fermented foods: effects on human vitamin status—a systematic narrative review // *Frontiers in nutrition*. Lausanne : Frontiers Media SA. ISSN 2296-861X. 2025, vol. 12, art. no. 1653666, p. 1-21. DOI: 10.3389/fnut.2025.1653666. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,500; AIF: 5,600; IF/AIF: 0,982; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,055]
 35. [S1; CH; OA] **Jagelavičiūtė, Jolita; Šimkutė, Simona; Kairė, Aurelija; Kaminskytė, Gabrielė; Bašinskienė, Loreta; Čižeikienė, Dalia**. Physicochemical characterization of soluble and insoluble fibers from berry pomaces // *Gels*. Basel : MDPI. ISSN 2310-2861. 2025, vol. 11, iss. 10, art. no. 796, p. 1-15. DOI: 10.3390/gels11100796. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,400; AIF: 5,900; IF/AIF: 1,084; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 36. [S1; CH; OA] Santa, Dushica; Huch, Melanie; Stoll, Dominic A.; Cunedioğlu, Hülya; Priidik, Reimo; Karakaş-Budak, Barçın; Matalas, Antonia; Pennone, Vincenzo; Giriya, Aiswarya; Arranz, Elena; **Syrpas, Michail; Mukherjee, Arghya; Cotter, Paul D.; Mojsova, Sandra; Chassard, Christophe; Pračer, Smilja; Vergères, Guy; Kütt, Mary-Liis**. Health benefits of ethnic fermented foods // *Frontiers in nutrition*. Lausanne : Frontiers Media SA. ISSN 2296-861X. 2025, vol. 12, art. no. 1677478, p. 1-21. DOI: 10.3389/fnut.2025.1677478. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,500; AIF: 5,600; IF/AIF: 0,982; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,055]
 37. [S1; CH; OA] **Dave, Aniruddh Dayanand; Bilgin, Hakki; Kitrytė-Syrpa, Vaida; Syrpas, Michail**. Optimisation of pressurised liquid extraction and subsequent hydrolysate fermentation by lactiplantibacillus

- plantarum for integrated bioprocessing of *Ulva* sp // *Marine drugs*. Basel : MDPI. ISSN 1660-3397. 2025, vol. 23, iss. 10, art. no. 371, p. 1-18. DOI: 10.3390/md23100371. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,700; AIF: 4,950; IF/AIF: 1,151; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
38. [S1; DE] **Ghasemi, Melika**; Cameron, Joseph; Lin, Woon K.; **Volyniuk, Dmytro**; Skabara, Peter J.; **Grazulevicius, Juozas V.**; Sini, Gjergji. Effects of varying deposition rates of a carbazole and triazine derivative on its tunable emission and charge-transporting properties beneficial for efficient red electroluminescent devices // *Advanced optical materials*. Weinheim : Wiley-VCH. ISSN 2195-1071. 2025, vol. 13, iss. 31, art. no. e01829, p. 1-17. DOI: 10.1002/adom.202501829. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,200; AIF: 5,300; IF/AIF: 1,358; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,432]
 39. [S1; US] Chetri, Rachel; Rathinam, Balamurugan; Ghadari, Rahim; Jankauskas, Vygintas; Kreiza, Gediminas; **Rakštyš, Kasparas**; **Getautis, Vytautas**; Nagaraja, Ahipa Tantri. Enhanced efficiency of n-i-p perovskite solar cells and defect passivation using a triphenylamine-based hole transporting interfacial layer // *ACS Applied energy materials*. Washington, DC : American Chemical Society. ISSN 2574-0962. 2025, vol. 8, iss. 19, p. 14446-14457. DOI: 10.1021/acsaem.5c02115. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,500; AIF: 7,833; IF/AIF: 0,702; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,250]
 40. [S1; CH] Lenka, Sushanta; **Tavgeniene, Daiva**; Wang, Hsuan-Min; Kumar, Anil; Lin, Zhan-Ting; Jaykumar, Jayachandran; **Blazevicius, Dovydas**; **Krucaite, Gintare**; **Grigalevicius, Saulius**; Jou, Jwo-Huei. Branched carbazole based derivative as very efficient host material for third generation OLED devices // *Synthetic metals*. Lausanne : Elsevier. ISSN 0379-6779. 2025, vol. 315, art. no. 117971, p. 1-9. DOI: 10.1016/j.synthmet.2025.117971. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,500; AIF: 7,066; IF/AIF: 0,636; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,400]
 41. [S1; CH; OA] **Sruogaite, Veja**; **Krylova, Valentina**. Formation and study of bismuth sulphide thin films on textiles of different compositions // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 18, art. no. 9904, p. 1-25. DOI: 10.3390/app15189904. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
 42. [S1; DE; OA] Tsiko, Uliana; Fidelius, Jannis; Kaiser, Sebastian; Thomas, Heidi; Bui Thi, Yana; Weigand, Jan J; **Grazulevicius, Juozas V.**; Schellhammer, Karl Sebastian; Reineke, Sebastian. Systematic variation of the acceptor electrophilicity in donor-acceptor-donor emitters exhibiting efficient room temperature phosphorescence suited for digital luminescence // *Communications chemistry*. Berlin : Nature portfolio. ISSN 2399-3669. 2025, vol. 8, iss. 1, art. no. 274, p. 1-10. DOI: 10.1038/s42004-025-01620-0. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,900; AIF: 7,800; IF/AIF: 0,884; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,111]
 43. [S1; GB; OA] Cvetković, Biljana R.; Memišin, Nurgin; Nježić, Zvonko; Pezo, Lato; **Juodeikiene, Grazina**; Vitas, Jasmina; Ilić, Nebojša. Addressing wastewater challenges in the dairy industry: A focused case study // *Journal of dairy research*. Cambridge : Cambridge University Press. ISSN 0022-0299. eISSN 1469-7629. 2025, vol. 92, iss. 2, p. 135-145. DOI: 10.1017/S0022029925101131. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 1,600; AIF: 4,450; IF/AIF: 0,359; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,142]
 44. [S1; US] Khyasudeen, M. Faisal; Woon, Kai Lin; Jašinskas, Vidmantas; Franckevičius, Marius; **Grazulevičius, Juozas V.**; Gulbinas, Vidmantas. Insights into high-level reverse intersystem crossing in a multiresonance thermally activated delayed fluorescent compound // *Journal of physical chemistry C*. Washington, DC : American Chemical Society. ISSN 1932-7447. eISSN 1932-7455. 2025, vol. 129, iss. 36, p. 16122-16130. DOI: 10.1021/acs.jpcc.5c01675. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,400; AIF: 8,433; IF/AIF: 0,403; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: N 002, T 005] [Indėlis: 0,166]
 45. [S1; CH; OA] **Račkauskienė, Ieva**; Rovira, Jordi; Jaime, Isabel; González-San José, María Luisa; **Venskutonis, Petras Rimantas**. Effects of strawberry leaf extract on the quality characteristics and oxidation stability of dry fermented sausage during ripening and storage // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 17, art. no. 9240, p. 1-15. DOI: 10.3390/app15179240. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,400]
 46. [S1; CH; OA] **Jagelavičiūtė, Jolita**; **Bašinskienė, Loreta**; **Čižeikienė, Dalia**. Enhancing the nutritional value of foods through probiotics and dietary fiber from fruit and berry pomace // *Fermentation*. Basel : MDPI. ISSN 2311-5637. 2025, vol. 11, iss. 8, art. no. 481, p. 1-26. DOI: 10.3390/fermentation11080481. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 4,100; AIF: 5,400; IF/AIF: 0,759; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,833]
 47. [S1; CH; OA] Vaičiulevičiūtė, Raminta; Pachaleva, Jolita; Bernotienė, Eiva; Kugaudaitė, Gabija; Lebedis, Ignas; **Krugly, Edvinas**; **Uzielienė, Ilona**. Menstrual blood-derived mesenchymal stromal cell extracellular vesicles – a potential tool for tissue regeneration and disease detection // *Frontiers in bioengineering and biotechnology*. Lausanne : Frontiers Media SA. ISSN 2296-4185. 2025, vol. 13, art. no. 1643408, p. 1-17. DOI: 10.3389/fbioe.2025.1643408. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF:

5,700; IF/AIF: 1,017; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 010, T 004] [Indėlis: 0,213]

48. [S1; CH; OA] **Kaminskytė, Gabrielė; Jagelavičiūtė, Jolita; Bašinskienė, Loreta; Syrpas, Michail; Čižeikienė, Dalia**. Effect of modification methods on composition and technological properties of sea buckthorn (*Hippophae rhamnoides* L.) pomace // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 15, art. no. 8722, p. 1-15. DOI: 10.3390/app15158722. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
49. [S1; CH; OA] **Mickevičius, Vytautas; Anusevičius, Kazimieras; Sapijanskaitė-Banevič, Birutė; Jonuškienė, Irena; Kapočius, Linas; Grybaitė, Birutė**; Grigalevičiūtė, Ramunė; **Kavaliauskas, Povilas**. Synthesis and biological evaluation of β -phenylalanine derivatives containing sulphonamide and azole moieties as antiproliferative candidates in lung cancer models // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 15, art. no. 3303, p. 1-22. DOI: 10.3390/molecules30153303. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,782]
50. [S1; CH; OA] **Didžiulytė, Eglė; Šlinkšienė, Rasa**. Use of amino acids and organic waste extracts to improve the quality of liquid nitrogen–calcium–magnesium fertilizers // *Sustainability*. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 15, art. no. 7081, p. 1-20. DOI: 10.3390/su17157081. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
51. [S1; NL; OA] **Amobonye, Ayodeji**; Pillay, Brynita; Hlope, Felicity; Asong, Stella Tofac; Pillai, Santhosh. Postbiotics: an insightful review of the latest category in functional biotics // *World journal of microbiology and biotechnology*. Dordrecht : Springer. ISSN 0959-3993. eISSN 1573-0972. 2025, vol. 41, iss. 8, art. no. 293, p. 1-30. DOI: 10.1007/s11274-025-04483-8. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,700; AIF: 5,400; IF/AIF: 0,870; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,200]
52. [S1; NL] **Ahmed, Adnan**; Khan, Ilham; Aiman, Ume; Hina, Aysha; Mushtaq, Irfan. Exploring the nonlinear optical properties of fluorinated aniline derivatives: a computational and experimental study // *Computational and theoretical chemistry*. Amsterdam : Elsevier. ISSN 2210-271X. eISSN 2210-2728. 2025, vol. 1249, art. no. 115224, p. 1-12. DOI: 10.1016/j.comptc.2025.115224. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,900; AIF: 8,400; IF/AIF: 0,345; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,100]
53. [S1; CH] **Matijūnas, Mindaugas; Alaburdaite, Rasa; Ivanauskas, Remigijus; Zalenkiene, Skirma; Ancutiene, Ingrida**. Study of formation of cadmium sulfide layers on polypropylene film // *Thin solid films*. Lausanne : Elsevier. ISSN 0040-6090. eISSN 1879-2731. 2025, vol. 826, art. no. 140757, p. 1-9. DOI: 10.1016/j.tsf.2025.140757. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,400; AIF: 6,650; IF/AIF: 0,360; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
54. [S1; US; OA] **Onoriode-Afunzie, Maria-Anthoniette Oghenetejiro; Urbanskis, Povilas; Urniežaitė, Inga; Šulčiūtė, Agnė**. Optimized TiO₂ coatings on AISI 316 steel for advanced photocatalytic wastewater treatment: mechanism and performance // *ACS Omega*. Washington, DC : American Chemical Society. ISSN 2470-1343. eISSN 2470-1343. 2025, vol. 10, iss. 31, p. 34666-34682. DOI: 10.1021/acsomega.5c03565. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,200; AIF: 7,800; IF/AIF: 0,666; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, T 004, T 005] [Indėlis: 1,000]
55. [S1; CH] Kesavan, Kiran Kishore; Lee, Hsun; Shah Nawaz, -; Swyamprabha, Sujith Sudheendran; **Tavgeniene, Daiva; Blazelevicius, Dovydas; Krucaite, Gintare**; Jayachandran, Jayakumar; Nayak, Sandhya Rani; Vaidyanathan, Sivakumar; **Grigalevicius, Saulius**; Jou, Jwo-Huei. Solution processable fluorene-based hole transporting materials for high-efficiency OLEDs // *Synthetic metals*. Lausanne : Elsevier. ISSN 0379-6779. 2025, vol. 314, art. no. 117921, p. 1-12. DOI: 10.1016/j.synthmet.2025.117921. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,500; AIF: 7,066; IF/AIF: 0,636; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,332]
56. [S1; SE; OA] **Kaminskas, Rimvydas; Savickaite, Brigita; Eisinis, Anatolijus**. Hydrothermally treated cement bypass dust as supplementary cementitious material // *Sustainability*. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 15, art. no. 6757, p. 1-16. DOI: 10.3390/su17156757. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
57. [S1; DE] Aiman, Ume; **Ahmed, Adnan**; Mushtaq, Irfan; Lien, Jin-Cherng; Zhang, Ting-Wei; Hussain, Mumtaz; Ahmad, Hafiz Shakeel; Rehman, Nida. Cobalt-catalyzed synthesis and DFT-based evaluation of aniline-derived NLO materials with enhanced optical properties // *Chemistryselect*. Weinheim : Wiley-VCH. ISSN 2365-6549. 2025, vol. 10, iss. 28, art. no. e02102, p. 1-15. DOI: 10.1002/slct.202502102. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,300; AIF: 7,800; IF/AIF: 0,294; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,062]
58. [S1; GB] **Navaruckiene, Aukse**; Varzinskas, Visvaldas; **Ostrauskaite, Jolita**. Development of biobased resins for LCD 3D printing: effect of resin design and curing process on product properties // *European polymer*

- journal. Kidlington : Elsevier. ISSN 0014-3057. eISSN 1873-1945. 2025, vol. 236, art. no. 114156, p. 1-10. DOI: 10.1016/j.eurpolymj.2025.114156. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,800; AIF: 5,900; IF/AIF: 1,152; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 004] [Indėlis: 0,667]
59. [S1; CH; OA] **Zadeike, Daiva; Zvirdauskiene, Renata; Basinskiene, Loreta**. Gluten functionality modification: the effect of enzymes and ultrasound on the structure of the gliadin-glutenin complex and gelling properties // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 14, art. no. 3036, p. 1-19. DOI: 10.3390/molecules30143036. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 60. [S1; NL] **Andruleviciene, Viktorija; Butkute, Rita; Bezikonny, Oleksandr; Volyniuk, Dmytro**; Sini, Gjergji; Supangat, Azzuliani; **Grazulevicius, Juozas Vidas**. Development of push-pull carbazole-based organic semiconductors with extended π -linkers for enhanced red-shifted absorption-emission and improved charge mobilities // *Optical materials*. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2025, vol. 167, art. no. 117334, p. 1-9. DOI: 10.1016/j.optmat.2025.117334. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 5,300; IF/AIF: 0,811; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,716]
 61. [S1; DE] Liu, Cheng; Yang, Yi; Fletcher, Jared D.; Liu, Ao; Gilley, Isaiah W.; Musgrave III, Charles Bruce; Wang, Zaiwei; Zhu, Huihui; Chen, Hao; Reynolds, Robert P.; Ding, Bin; Ding, Yong; Zhang, Xianfu; **Skackauskaite, Raminta**; Wan, Haoyue; Zeng, Lewei; Bati, Abdulaziz S. R.; Shibayama, Naoyuki; **Getautis, Vytautas**; Chen, Bin; **Rakstys, Kasparas**; Dyson, Paul J.; Kanatzidis, Mercouri G.; Sargent, Edward H.; Nazeeruddin, Mohammad K. Cation interdiffusion control for 2D/3D heterostructure formation and stabilization in inorganic perovskite solar modules // *Nature energy*. Berlin : Nature portfolio. ISSN 2058-7546. 2025, vol. 10, iss. 8, p. 981-990. DOI: 10.1038/s41560-025-01817-6. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 70,100; AIF: 7,550; IF/AIF: 9,284; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,120]
 62. [S1; US; OA] Kutsiy, Stepan; Pytlarz, Radosław; Hotynchan, Andrii; Marek-Urban, Paulina H; Luboradzki, Roman; Jean-Woldemar, Enzo; **Volyniuk, Dmytro**; Chénais, Sébastien; Forget, Sébastien; Durka, Krzysztof; **Grazulevicius, Juozas V.**; Potopnyk, Mykhaylo A. Chalcogen-influenced benzochalcogenazolo-based N,O-coordinated difluoroboron complexes: from lasing dyes to room-temperature-phosphorescence emitters // *Inorganic chemistry*. Washington, DC : American Chemical Society. ISSN 0020-1669. eISSN 1520-510X. 2025, vol. 64, iss. 28, p. 14704-14716. DOI: 10.1021/acs.inorgchem.5c02557. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,600; AIF: 4,400; IF/AIF: 1,045; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,166]
 63. [S1; CH; OA] **Vainauskas, Valdas**; Norvaišaitė, Rugilė; **Grybaitė, Birutė; Vaickelionienė, Rita**; Smirnov, Alexey; Kojis, Tautvydas; Baranauskiene, Lina; Manakova, Elena; Gražulis, Saulius; Zubrienė, Asta; Matulis, Daumantas; **Mickevičius, Vytautas**; Petrikaitė, Vilma. Novel derivatives of 3-amino-4-hydroxy-benzenesulfonamide: synthesis, binding to carbonic anhydrases, and activity in cancer cell 2D and 3D cultures // *International journal of molecular sciences*. Basel : MDPI. ISSN 1661-6596. eISSN 1422-0067. 2025, vol. 26, iss. 13, art. no. 6466, p. 1-35. DOI: 10.3390/ijms26136466. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,600; AIF: 7,000; IF/AIF: 0,800; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 004] [Indėlis: 0,316]
 64. [S1; NL] Siamionau, Uladzislau; Aniskevich, Yauhen; **Ivanchanka, Aliaksei**; Ragoisha, Genady; Kulak, Anatoly; Myung, Seung-Taek; Streltsov, Eugene. Surface area vs solid state diffusion: how cation-deficient ZnMn2O4 spinel is activated in non-aqueous zinc-ion batteries // *Journal of power sources*. Amsterdam : Elsevier. ISSN 0378-7753. eISSN 1873-2755. 2025, vol. 654, art. no. 237785, p. 1-10. DOI: 10.1016/j.jpowsour.2025.237785. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 8,400; AIF: 7,725; IF/AIF: 1,087; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,142]
 65. [S1; CH; OA] Lalić, Anita; **Jagelavičiūtė, Jolita**; Trivunović, Zorana; Marić, Marina; Karlović, Andrea; **Bašinskiienė, Loreta**. Biotechnological valorization of brewer's spent grain from old bread and barley malt: fermentative potential of *saccharomyces cerevisiae* // *Fermentation*. Basel : MDPI. ISSN 2311-5637. 2025, vol. 11, iss. 7, art. no. 382, p. 1-14. DOI: 10.3390/fermentation11070382. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 4,100; AIF: 5,400; IF/AIF: 0,759; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,332]
 66. [S1; GB; OA] Tsypik, Olga; Makitrynsky, Roman; Gauger, Elisabeth; Mitulski, Agnieszka; Bechthold, Andreas; Flärdh, Klas; Wohlleben, Wolfgang; **Ostash, Bohdan**. Gene sco1417 encodes a positive regulator of the de novo biosynthesis of pyridoxal 5'-phosphate (vitamin B6) in *Streptomyces coelicolor* M145 // *BMC Microbiology*. London : BMC. ISSN 1471-2180. 2025, vol. 25, iss. 1, art. no. 383, p. 1-12. DOI: 10.1186/s12866-025-04108-y. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,400; AIF: 5,000; IF/AIF: 1,080; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,062]
 67. [S1; GB; OA] Pytlarz, Radosław; Kutsiy, Stepan; Hotynchan, Andrii; Jean-Woldemar, Enzo; Luboradzki, Roman; Marek-Urban, Paulina H.; Merklin, Georg; Chénais, Sébastien; **Volyniuk, Dmytro; Grazulevicius, Juozas V.**; Durka, Krzysztof; Forget, Sébastien; Potopnyk, Mykhaylo A. Benzochalcogenazolo-based N,O-coordinated boron difluoride complexes as gain media for organic solid-state lasers // *Journal of materials*

chemistry C. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2025, vol. 13, iss. 32, p. 16478-16488. DOI: 10.1039/d5tc02236c. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 6,500; IF/AIF: 0,784; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,152]

68. [S1; CH; OA] **Siauciunas, Raimundas; Steponaityte, Liveta**; Dzvinke, Marius; Kareiva, Aivaras. Influence of Al₂O₃ additive on the synthesis kinetics of 1.13 nm tobermorite, and its crystallinity and morphology // *Materials*. Basel : MDPI. ISSN 1996-1944. 2025, vol. 18, iss. 13, art. no. 3086, p. 1-15. DOI: 10.3390/ma18133086. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,700; AIF: 7,000; IF/AIF: 0,528; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 0,500]
69. [S1; DE; OA] Stacchini, Valerio; Rastgoo, Madineh; **Marčinskas, Mantas**; Frasca, Chiara; Morita, Kazuki; Frohloff, Lennart; Treglia, Antonella; Gries, Thomas W.; Karalis, Orestis; **Getautis, Vytautas**; Ruske, Florian; Petrozza, Annamaria; Koch, Norbert; Hempel, Hannes; **Malinauskas, Tadas**; Abate, Antonio; Musiienko, Artem. Phenothiazine-based self-assembled monolayer with thiophene head groups minimizes buried interface losses in tin perovskite solar cells // *Advanced energy materials*. Weinheim : Wiley-VCH. ISSN 1614-6832. eISSN 1614-6840. 2025, vol. 15, iss. 29, art. no. 2500841, p. 1-8. DOI: 10.1002/aenm.202500841. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 25,500; AIF: 7,600; IF/AIF: 3,355; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,174]
70. [S1; CH; OA] **Liesienė, Jolanta; Baniukaitienė, Odeta**; Minseviciene, Ieva. Cellulose-based scaffolds with prolonged dexamethasone release for bone tissue engineering // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 13, art. no. 2760, p. 1-13. DOI: 10.3390/molecules30132760. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,667]
71. [S1; DE] **Vainauskas, Valdas; Kavaliauskas, Povilas; Grybaitė, Birutė**; Petraitis, Vidmantas; Petraitienė, Rūta; Grigalevičiūtė, Ramunė; Prakapaitė, Rūta; Acevedo, Waldo; **Mickevičius, Vytautas**. Synthesis and characterization of sulfonamide-imidazole hybrids with in vitro antiproliferative activity against anthracycline-sensitive and resistant H69 SCLC cells // *ChemMedChem*. Weinheim : Wiley-VCH. ISSN 1860-7179. eISSN 1860-7187. 2025, vol. 20, iss. 16, art. no. e202500260, p. 1-19. DOI: 10.1002/cmdc.202500260. [Science Citation Index Expanded (Web of Science); Scopus; Index Chemicus] [IF: 3,500; AIF: 4,950; IF/AIF: 0,707; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,364]
72. [S1; CH; OA] Acoglu Celik, Busra; Celik, Muhammed Alpgiray; **Jūrienė, Laura; Jovaišaitė, Jovita; Kazernavičiūtė, Rita**; Bekar, Erturk; Yolci Omeroglu, Perihan; **Venskutonis, Petras Rimantas**; Kamiloglu, Senem. Biorefining of walnut shells into polyphenol-rich extracts using ultrasound-assisted, enzyme-assisted, and pressurized liquid extraction coupled with chemometrics // *Foods*. Basel : MDPI. ISSN 2304-8158. 2025, vol. 14, iss. 13, art. no. 2245, p. 1-28. DOI: 10.3390/foods14132245. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,000; AIF: 6,000; IF/AIF: 1,000; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, T 005] [Indėlis: 0,444]
73. [S1; CH; OA] **Jonuškienė, Ilona; Davicijonaitė, Erika; Vaškevičiūtė, Monika; Kala, Ihsan; Stankevičienė, Rima; Kantminienė, Kristina; Tumosienė, Ingrida**. Sustainable production and antioxidant activity of bacterial xanthan gum // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 13, art. no. 2734, p. 1-20. DOI: 10.3390/molecules30132734. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, T 005] [Indėlis: 1,000]
74. [S1; US; OA] **Sereikaite, Vilte; Navaruckiene, Aukse**; Raudonienė, Vita; Bridziuvienė, Danguole; Cerkaszkas, Paulius; Lileikis, Saulius; Pamakstys, Kastytis; Rainosaló, Egidija; Schuller, Anne-Sophie; Delaite, Christelle; **Ostrauskaite, Jolita**. Antimicrobial vitrimers synthesized from dipentaerythritol pentaacrylate and 2-hydroxy-3-phenoxypropyl acrylate for LCD 3D printing // *Biomacromolecules*. Washington, DC : American Chemical Society. ISSN 1525-7797. eISSN 1526-4602. 2025, vol. 26, iss. 7, p. 4584-4594. DOI: 10.1021/acs.biomac.5c00577. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,900; AIF: 5,300; IF/AIF: 1,113; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 010, T 004, T 005] [Indėlis: 0,001]
75. [S1; US] Haeuser, Emily; Byrne, Sam; Nguyen, Jason; Raggi, Catalina; McLaughlin, Susan A.; Bisignano, Catherine; Harris, Ashley A.; Smith, Amanda E.; Lindstedt, Paulina A.; Smith, Georgia; Herold, Samuel James; Nesbit, Olivia D.; Noyes, Taylor; Shalev, Noga; Olana, Latera Tesfaye; **Amobonye, Ayodeji Emmanuel Tope (tyrėjas)**. Global, regional, and national trends in routine childhood vaccination coverage from 1980 to 2023 with forecasts to 2030: a systematic analysis for the Global Burden of Disease Study 2023 // *Lancet*. New York : Elsevier. ISSN 0140-6736. eISSN 1474-547X. 2025, vol. 406, iss. 10500, p. 235-260. DOI: 10.1016/S0140-6736(25)01037-2. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 109,000; AIF: 4,000; IF/AIF: 27,250; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,001]
76. [S1; US; OA] **Dabulienė, Asta**; Quignon, Mathis; **Bezvikonny, Oleksandr; Keruckienė, Rasa; Abdella, Mohamed; Simokaitienė, Juratė; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas**. Management of triplet electronic excitations in derivatives of phenoxathiin and benzophenone // *ACS Applied electronic materials*. Washington, DC : American Chemical Society. ISSN 2637-6113. 2025, vol. 7, iss. 13, p. 6137-6148. DOI: 10.1021/acsaelm.5c00863. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,700; AIF: 6,050; IF/AIF: 0,776; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,875]

77. [S1; CH; OA] **Gudinskaitė, Goda; Paleckienė, Rasa**. The possibilities of using non-traditional raw materials for fertilizing products // Sustainability. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 13, art. no. 5710, p. 1-20. DOI: 10.3390/su17135710. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
78. [S1; GB; OA] Warrington, Stefan; Cameron, Joseph; Wilson, Claire; **Volyniuk, Dmytro**; Wilkinson, Dylan; **Grazulevicius, Juozas Vidas**; Skabara, Peter J.; Cooke, Graeme. Electron rich N-heterotriangulenes as host materials for OLEDs // Journal of materials chemistry C. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2025, vol. 13, iss. 31, p. 15988-15996. DOI: 10.1039/d5tc01004g. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 6,500; IF/AIF: 0,784; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,250]
79. [S1; CH; OA] **Krikštaponis, Karolis**; Šiugždaitė, Jūratė; **Vaickelionienė, Rita**; **Mickevičius, Vytautas**; **Grybaitė, Birutė**. Synthesis of 1-(2-hydroxy-5-methylphenyl)-5-oxopyrrolidine-3-carboxylic acid derivatives as a promising scaffold against disease-causing bacteria relevant to public health // Molecules. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 12, art. no. 2639, p. 1-27. DOI: 10.3390/molecules30122639. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, A 002] [Indėlis: 0,800]
80. [S1; US] Keskin Çavdar, Hasene; **Bilgin, Hakki**; Fadıloğlu, Sibel. Fish oil recovery from gilthead sea bream (*Sparus aurata* L.) waste using ultrasound-assisted enzymatic extraction: process optimization and oil characterization // Journal of the American Oil Chemists' Society. Hoboken, NJ : Wiley. ISSN 0003-021X. eISSN 1558-9331. 2025, vol. 102, iss. 8, p. 1271-1281. DOI: 10.1002/aocs.12966. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,400; AIF: 6,750; IF/AIF: 0,355; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,333]
81. [S1; GB; OA] **Petrulevicius, Julius**; Truong, Minh Anh; **Daskeviciene, Maryte**; **Bubniene, Giedre**; Hira, Shota; Iwasaki, Yasuko; **Malinauskas, Tadas**; Wakamiya, Atsushi; **Getautis, Vytautas**. Asymmetric perinone-based electron-collecting monolayer materials for n-i-p perovskite solar cells // Journal of materials chemistry C. Cambridge : Royal Society of Chemistry. ISSN 2050-7526. eISSN 2050-7534. 2025, vol. 13, iss. 29, p. 14991-15001. DOI: 10.1039/d5tc01485a. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 6,500; IF/AIF: 0,784; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,556]
82. [S1; CH; OA] Borkertas, Simas; Viskelis, Jonas; Viskelis, Pranas; Streimikyte, Paulina; **Gasiūnaitė, Ugnė**; Urbonaviciene, Dalia. Fungal biomass fermentation: valorizing the food industry's waste // Fermentation. Basel : MDPI. ISSN 2311-5637. 2025, vol. 11, iss. 6, art. no. 351, p. 1-20. DOI: 10.3390/fermentation11060351. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 4,100; AIF: 5,400; IF/AIF: 0,759; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: A 001, T 005] [Indėlis: 0,166]
83. [S1; GB] **Tavgeniene, Daiva**; **Blazevicius, Dovydas**; **Skuodis, Eigirdas**; **Grigalevicius, Saulius**; Huang, Chi-Hao; Chen, Yu-Hsuan; Chang, Chih-Hao. High-performance OLED host materials: photophysical properties and device optimization of carbazole-benzocarbazole derivatives // Dyes and pigments. London : Elsevier. ISSN 0143-7208. eISSN 1873-3743. 2025, vol. 242, art. no. 112965, p. 1-9. DOI: 10.1016/j.dyepig.2025.112965. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,900; AIF: 6,133; IF/AIF: 0,635; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 0,574]
84. [S1; US; OA] **Kavaliauskas, Povilas**; **Grybaitė, Birutė**; **Sapijanskaitė-Banevič, Birutė**; Petraitienė, Rūta; Grigalevičiūtė, Ramunė; Garcia, Andrew; Naing, Ethan; **Mickevičius, Vytautas**; Belyakov, Sergey; Petraitis, Vidmantas. Synthesis of novel N-substituted β-amino acid derivatives bearing 2-hydroxyphenyl moieties as promising antimicrobial candidates targeting multidrug-resistant Gram-positive pathogens // PLOS One. San Francisco, CA : Public Library of Science. ISSN 1932-6203. 2025, vol. 20, iss. 6, art. no. e0311715, p. 1-20. DOI: 10.1371/journal.pone.0311715. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 2,800; AIF: 7,100; IF/AIF: 0,394; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,325]
85. [S1; CH; OA] **Bartkus, Martynas Rojus**; **Kleizienė, Neringa**; **Bieliauskas, Aurimas**; **Šačkus, Algirdas**. Facile one-pot Fischer–Suzuki–Knoevenagel microwave-assisted synthesis of fluorescent 5-aryl-2-styryl-3H-indoles // Molecules. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 12, art. no. 2503, p. 1-26. DOI: 10.3390/molecules30122503. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
86. [S1; CH; OA] **Zubas, Aistis Rapolas**; **Griškonis, Egidijus**; **Denafas, Gintaras**; Makarevičius, Vidas; Kriūkienė, Rita; Kruopienė, Jolita. NOx-free leaching methods for efficient silver and aluminium recovery from crystalline silicon solar cells // Materials. Basel : MDPI. ISSN 1996-1944. 2025, vol. 18, iss. 11, art. no. 2668, p. 1-13. DOI: 10.3390/ma18112668. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,700; AIF: 7,000; IF/AIF: 0,528; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, T 008, T 004] [Indėlis: 0,334]
87. [S1; GB; OA] **Zagorskytė, Inesa**; **Arbačiauskienė, Eglė**; **Račkauskienė, Greta**; Belyakov, Sergey; **Bieliauskas, Aurimas**; Rollin, Patrick; **Šačkus, Algirdas**. A new synthetic approach to the 3,4-dihydro-1H-[1,4]oxazino[4,3-a]indole system from ethyl 1H-indole-2-carboxylates and activated glycerol carbonate // RSC Advances. Cambridge : Royal Society of Chemistry. ISSN 2046-2069. 2025, vol. 15, iss. 24, p. 18947-18970.

- DOI: 10.1039/d5ra02996a. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,100; AIF: 7,800; IF/AIF: 0,782; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,716]
88. [S1; NL; OA] Barauskienė, Ieva; Blach, Jean-François; Saitzek, Sebastien; Rousseau, Jolanta; Mathieu, Christian; Pakštas, Vidas; **Valatka, Eugenijus**; Laukaitis, Giedrius. Evaluation of iron oxide coatings as electrocatalysts for oxygen evolution reaction obtained via electrodeposition and magnetron sputtering // *Applied surface science*. Amsterdam : Elsevier. ISSN 0169-4332. eISSN 1873-5584. 2025, vol. 690, art. no. 162576, p. 1-12. DOI: 10.1016/j.apsusc.2025.162576. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,600; AIF: 7,025; IF/AIF: 0,939; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,125]
 89. [S1; CH; OA] **Kairė, Aurelija; Jagelavičiūtė, Jolita; Bašinskienė, Loreta; Syrpas, Michail; Čižeikienė, Dalia**. Influence of enzymatic hydrolysis on composition and technological properties of black currant (*Ribes nigrum*) pomace // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 11, art. no. 6207, p. 1-15. DOI: 10.3390/app15116207. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 90. [S1; CH; OA] **Žvirdauskienė, Renata**; Jonikė, Vesta; **Bašinskienė, Loreta; Čižeikienė, Dalia**. Fruit and vegetable juices as functional carriers for probiotic delivery: microbiological, nutritional, and sensory perspectives // *Microorganisms*. Basel : MDPI. ISSN 2076-2607. 2025, vol. 13, iss. 6, srt. no. 1272, p. 1-21. DOI: 10.3390/microorganisms13061272. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,700; AIF: 5,000; IF/AIF: 0,940; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, A 001, N 010] [Indėlis: 0,625]
 91. [S1; GB; OA] **Blazevicius, Dovydas; Krucaite, Gintare**; Bogoslovska, Alla; **Grigalevicius, Saulius**; Ali, Amjad; Agren, Hans; Baryshnikov, Glib; Dimitriev, Oleg. A twisted double donor in donor–acceptor–donor D2–D1–A–D1–D2 type emitters yields multicomponent charge-transfer emission // *RSC Advances*. Cambridge : Royal Society of Chemistry. ISSN 2046-2069. 2025, vol. 15, iss. 23, p. 18559-18565. DOI: 10.1039/d5ra02848e. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,100; AIF: 7,800; IF/AIF: 0,782; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,375]
 92. [S1; CH; OA] **Melnikas, Aistis; Ivanauskas, Remigijus; Žalenkienė, Skirma**; Mikolajūnas, Marius. Bismuth(III) sulfide films by chemical bath deposition method using L-cysteine as a novel sulfur source // *Crystals*. Basel : MDPI. ISSN 2073-4352. 2025, vol. 15, iss.6, art. no. 515, p. 1-14. DOI: 10.3390/cryst15060515. [Science Citation Index Expanded (Web of Science); Scopus; Dimensions] [IF: 2,900; AIF: 4,700; IF/AIF: 0,617; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,750]
 93. [S1; DE; OA] **Pranaitytė, Guoda; Grybaitė, Birutė**; Endriulaityte, Ugnė; **Mickevičius, Vytautas**; Petrikaitė, Vilma. Exploration of 1-(2,4-difluorophenyl)-5-oxopyrrolidine-3-carboxylic acid derivatives effect on triple-negative breast, prostate cancer and melanoma cell 2D and 3D cultures // *Scientific reports*. Berlin : Nature portfolio. ISSN 2045-2322. 2025, vol. 15, iss. 1, art. no. 17590, p. 1-16. DOI: 10.1038/s41598-025-02106-8. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,900; AIF: 7,100; IF/AIF: 0,690; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 004] [Indėlis: 0,600]
 94. [S1; NL] **Pocevičienė, Indrė; Jūrienė, Laura; Pukalskienė, Milda; Baranauskienė, Renata; Venskutonis, Petras Rimantas**. Supercritical CO2 separation of lipids from mechanically pre-fractionated black currant pomace: chemical composition, bioactivities and application perspectives // *Separation and purification technology*. Amsterdam : Elsevier. ISSN 1383-5866. eISSN 1873-3794. 2025, vol. 373, art. no. 133641, p. 1-10. DOI: 10.1016/j.seppur.2025.133641. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 9,100; AIF: 7,300; IF/AIF: 1,246; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 95. [S1; NL] **Amobonye, Ayodeji; Bendoraitiene, Joana; Peciulyte, Laura; Rutkaite, Ramune**. Review of recent advancements in starch modification: improving the functionality of starch-based films // *International journal of biological macromolecules*. Amsterdam : Elsevier. ISSN 0141-8130. eISSN 1879-0003. 2025, vol. 315, pt. 2, art. no. 144354, p. 1. DOI: 10.1016/j.ijbiomac.2025.144354. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 8,700; AIF: 6,533; IF/AIF: 1,331; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 96. [S1; CH; OA] Siugzdaite, Jurate; **Rutkaitė, Ramunė; Bendoraitiene, Joana**; Saghrouchni, Hamza; Hamijo, Tareq; Lelesius, Raimundas. An evaluation of the antibacterial and cytotoxic activities of essential oils and their emulsions against nosocomial pathogens // *Processes*. Basel : MDPI. ISSN 2227-9717. 2025, vol. 13, iss. 5, art. no. 1531, p. 1-22. DOI: 10.3390/pr13051531. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,400; AIF: 7,300; IF/AIF: 0,465; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, A 002] [Indėlis: 0,332]
 97. [S1; CH; OA] **Golcienė, Božena; Kavaliauskas, Povilas**; Acevedo, Waldo; **Sapijanskaitė-Banevič, Birutė; Grybaitė, Birutė**; Grigalevičiūtė, Ramunė; Petraitienė, Rūta; Petraitis, Vidmantas; **Mickevičius, Vytautas**. Identification of 3-[(4-acetylphenyl)(4-phenylthiazol-2-Yl)amino]propanoic acid derivatives as promising scaffolds for the development of novel anticancer candidates targeting SIRT2 and EGFR // *Pharmaceuticals*. Basel : MDPI. ISSN 1424-8247. 2025, vol. 18, iss. 5, art. no. 733, p. 1-28. DOI: 10.3390/ph18050733. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,700; AIF: 4,950; IF/AIF: 1,151; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,475]
 98. [S1; CH; OA] **Kavaliauskas, Povilas**; Acevedo, Waldo; Mickevičiūtė, Eglė; Grigalevičiūtė, Ramunė; **Grybaitė,**

- Birutė; Sapijanskaitė-Banevič, Birutė; Pranaitytė, Guoda;** Petraitis, Vidmantas; Petraitienė, Rūta; **Mickevičius, Vytautas.** 3,3'-((3-hydroxyphenyl)azanediyl)dipropionic acid derivatives as a promising scaffold against drug-resistant pathogens and chemotherapy-resistant cancer // *Pathogens*. Basel : MDPI. ISSN 2076-0817. 2025, vol. 14, iss. 5, art. no. 484, p. 1-27. DOI: 10.3390/pathogens14050484. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,800; AIF: 5,000; IF/AIF: 0,760; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 010, T 007] [Indėlis: 0,425]
99. [S1; GB] **Beresnevičute, Raminta; Blazevičius, Dovydas; Grigalevičius, Saulius;** He, Zih-Ru; Yang, Fong-Yu; Chang, Chih-Hao. Versatile carbazole and dibenzofuran-based materials for OLEDs: emitters and exciplex-forming systems // *Dyes and pigments*. London : Elsevier. ISSN 0143-7208. eISSN 1873-3743. 2025, vol. 241, art. no. 112897, p. 1-13. DOI: 10.1016/j.dyepig.2025.112897. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,900; AIF: 6,133; IF/AIF: 0,635; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,502]
 100. [S1; CH; OA] **Siauciunas, Raimundas; Smigelskyte, Agne; Aliukonyte, Neda.** Factors influencing the carbonation kinetics of calcium silicate-based binders – an overview // *Sustainability*. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 9, art. no. 4191, p. 1-26. DOI: 10.3390/su17094191. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 101. [S1; CH; OA] Grigaitienė, Viktorija; Marcinauskas, Liutauras; Šuopys, Airingas; Kėzelis, Romualdas; **Griškonis, Egidijus.** Effect of TiO₂ content on the corrosion and thermal resistance of plasma-sprayed Al₂O₃-TiO₂ coatings // *Crystals*. Basel : MDPI. ISSN 2073-4352. 2025, vol. 15, iss. 5, art. no. 439, p. 1-18. DOI: 10.3390/cryst15050439. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 2,900; AIF: 4,700; IF/AIF: 0,617; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 006, N 003] [Indėlis: 0,200]
 102. [S1; NL] **Aboobacker, Shahana; Kitrytė-Syrpa, Vaida; Šipailienė, Aušra; Rutkaitė, Ramunė; Syrpas, Michail.** Fermentation-induced nutritional and in vitro antioxidant capacity changes in *Arthrospira platensis* (spirulina) // *Food bioscience*. Amsterdam : Elsevier. ISSN 2212-4292. eISSN 2212-4306. 2025, vol. 68, art. no. 106747, p. 1-13. DOI: 10.1016/j.fbio.2025.106747. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,200; AIF: 6,000; IF/AIF: 1,033; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003] [Indėlis: 1,000]
 103. [S1; GB] Belavusau, Heorhi K.; **Ghasemi, Melika; Vaitusionak, Aliaksei A.**; Vasilenko, Irina V.; Patsai, Matvei V.; **Volyniuk, Dmytro; Grazulevičius, Juozas V.**; Kostjuk, Sergei V. High-triplet-energy polymers via RAFT polymerization: synthesis and properties // *Polymer*. London : Elsevier. ISSN 0032-3861. eISSN 1873-2291. 2025, vol. 328, art. no. 128471, p. 1-15. DOI: 10.1016/j.polymer.2025.128471. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 5,900; IF/AIF: 0,864; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,437]
 104. [S1; US; OA] **Daugelaite, Liepa; Grauzeliene, Sigita;** Bridziuvienė, Danguolė; Raudonienė, Vita; Rainosalo, Egidija; **Ostrauskaite, Jolita.** Influence of diallyl disulfide on the properties of biobased antimicrobial vitrimers for microimprint lithography // *ACS Applied polymer materials*. Washington, DC : American Chemical Society. ISSN 2637-6105. 2025, vol. 7, iss. 9, p. 5537-5545. DOI: 10.1021/acsapm.5c00412. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,200; AIF: 6,400; IF/AIF: 0,812; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 004] [Indėlis: 0,502]
 105. [S1; NL; OA] **Tavgeniene, Daiva; Krucaite, Gintare; Blazevičius, Dovydas; Grigalevičius, Saulius;** Bogoslovska, Alla; Ali, Amjad; Baryshnikov, Glib; Smertenko, Petro; Fahlman, Mats; Smertenko, Andrei; Dimitriev, Oleg. Ethyl cellulose as a host material for thermally-activated delayed fluorescence emitters // *Optical materials*. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2025, vol. 165, art. no. 117097, p. 1-13. DOI: 10.1016/j.optmat.2025.117097. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 5,300; IF/AIF: 0,811; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,370]
 106. [S1; CH; OA] **Beresnevičute, Raminta;** Kumar, Anil; **Blazevičius, Dovydas;** Lenka, Sushanta; Hsieh, Song-Ting; Tsai, Ming-Feng; **Krucaite, Gintare; Tavgeniene, Daiva;** Jou, Jwo-Huei; **Grigalevičius, Saulius.** Carbazolyl electron donor and pyridinyl electron acceptor containing derivatives as potential host materials for green organic light-emitting diodes // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 9, art. no. 1911, p. 1-16. DOI: 10.3390/molecules30091911. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,500]
 107. [S1; CH; OA] **Zadeike, Daiva; Cipkute, Kamile; Cizeikiene, Dalia.** Effects of co-fermentation with lactic acid bacteria and yeast on gliadin degradation in whole-wheat sourdough // *Fermentation*. Basel : MDPI. ISSN 2311-5637. 2025, vol. 11, iss. 5, art. no. 238, p. 1-17. DOI: 10.3390/fermentation11050238. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 4,100; AIF: 5,400; IF/AIF: 0,759; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 108. [S1; US; OA] **Rashid, Ehsan Ullah; Cekaviciute, Monika; Simokaitiene, Jūratė; Ghasemi, Melika; Volyniuk, Dmytro;** Ivaniuk, Khrystyna; Stakhira, Pavlo; **Grazulevičius, Juozas Vidas.** From donor-donor exciplex-forming interfaces to detection of an explosive compound with phenylethenyl derivatives redefining

- OLED efficiency and extremely high sensitivity to picric acid // ACS Applied electronic materials. Washington, DC : American Chemical Society. ISSN 2637-6113. 2025, vol. 7, iss. 9, p. 3877-3891. DOI: 10.1021/acsaelm.5c00123. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,700; AIF: 6,050; IF/AIF: 0,776; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,750]
109. [S1; NL] Arsenyan, Pavel; Vigante, Brigita; **Rashid, Ehsan Ullah; Leitonas, Karolis; Volyniuk, Dmytro; Dimitrijevs, Pavels; Grazulevicius, Juozas Vidas**. An impact of the aryl substituent in position 4 of dicyanopyridines on efficiency of thermally activated delayed fluorescence and electroluminescence // Optical materials. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2025, vol. 163, art. no. 117027, p. 1-12. DOI: 10.1016/j.optmat.2025.117027. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 5,300; IF/AIF: 0,811; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,568]
 110. [S1; NL; OA] **Bartkuvienė, Ieva; Eisinaitė, Viktorija; Gölge, Evren; Leskauskaitė, Daiva**. Feasibility of emulsion-filled pea protein-collagen-carrageenan hydrogel for 3D printing // LWT. Amsterdam : Elsevier. ISSN 0023-6438. eISSN 1096-1127. 2025, vol. 223, art. no. 117749, p. 1-11. DOI: 10.1016/j.lwt.2025.117749. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,100; AIF: 6,000; IF/AIF: 1,183; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,750]
 111. [S1; GB] **Masionė, Goda; Čiužas, Darius; Krugly, Edvinas; Tichonovas, Martynas; Prasauskas, Tadas; Tučkutė, Simona; Martuzevičius, Dainius**. Biobased polymer composite nano/microfibrous filtering materials for efficient aerosol filtration // Journal of environmental chemical engineering. London : Elsevier. ISSN 2213-2929. eISSN 2213-3437. 2025, vol. 13, iss. 3, art. no. 116515, p. 1-13. DOI: 10.1016/j.jece.2025.116515. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,500; AIF: 8,400; IF/AIF: 0,892; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 004, T 006] [Indėlis: 0,858]
 112. [S1; NL] **Jūrienė, Laura; Baranauskienė, Renata; Jovaišaitė, Jovita; Pukalskas, Audrius; Venskutonis, Petras Rimantas**. Fractionation of lipophilic compounds of Tagetes patula flowers by using consecutive 2-step extraction with different CO2 densities // Journal of supercritical fluids. Amsterdam : Elsevier. ISSN 0896-8446. eISSN 1872-8162. 2025, vol. 223, art. no. 106613, p. 1-12. DOI: 10.1016/j.supflu.2025.106613. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,000; AIF: 7,850; IF/AIF: 0,509; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, T 005] [Indėlis: 1,000]
 113. [S1; US] **Kurapkienė, Aušrinė; Vinauskienė, Rimantė; Eisinaitė, Viktorija; Leskauskaitė, Daiva**. Development of meat-Based formulations for 3D printed products oriented to dysphagia diet // Journal of texture studies. Hoboken, NJ : Wiley. ISSN 0022-4901. eISSN 1745-4603. 2025, vol. 56, iss. 2, aer. no. e70015, p. 1-12. DOI: 10.1111/jtxs.70015. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,200; AIF: 6,000; IF/AIF: 0,533; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 114. [S1; CH; OA] **Jakubauskas, Gediminas; Paluckienė, Editā; Usoviene, Egle; Petrasauskiene, Neringa**. Influence of different chemical methods used for the deposition of CdSe/ZnO layers // Coatings. Basel : MDPI. ISSN 2079-6412. 2025, vol. 15, iss. 4, art. no. 415, p. 1-15. DOI: 10.3390/coatings15040415. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,400; AIF: 6,066; IF/AIF: 0,560; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
 115. [S1; GB] **Bezvikonnyi, Oleksandr; Arsenyan, Pavel; Petrenko, Alla; Rashid, Ehsan Ullah; Bucinskas, Audrius; Wei, Zheng-Yu; Lee, Jiun-Haw; Chiu, Tien-Lung; Volyniuk, Dmytro; Belyakov, Sergey; Stanitska, Mariia; Navozenko, Oleksandr; Losytskyy, Mykhaylo; Grazulevicius, Juozas V.** Carbazolylphenyl ethynyl anthracenes as TTA emitters with improved horizontal alignment for the applications in OLEDs and for optical detection of the nitroaromatic explosive compounds // Spectrochimica acta Part A: Molecular and biomolecular spectroscopy. Kidlington : Elsevier. ISSN 1386-1425. eISSN 1873-3557. 2025, vol. 337, art. no. 126127, p. 1-14. DOI: 10.1016/j.saa.2025.126127. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,800; AIF: 3,000; IF/AIF: 1,600; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 005] [Indėlis: 0,432]
 116. [S1; CH; OA] **Tumosienė, Ingrida; Stasevych, Maryna; Zvarych, Viktor; Jonuškienė, Iona; Kantminienė, Kristina; Petrikaitė, Vilma**. Novel 5-oxopyrrolidine-3-carbohydrazides as potent protein kinase inhibitors: synthesis, anticancer evaluation, and molecular modeling // International journal of molecular sciences. Basel : MDPI. ISSN 1661-6596. eISSN 1422-0067. 2025, vol. 26, iss. 7, art. no. 3162, p. 1-21. DOI: 10.3390/ijms26073162. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,600; AIF: 7,000; IF/AIF: 0,800; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 010, T 005] [Indėlis: 0,502]
 117. [S1; GB; OA] **Liesiene, Jolanta; Kiseliovienė, Sandra; Maruška, Audrius S.; Baniukaitiene, Odeta**. Preparation and characterization of a highly porous, rigid cellulose-based hydrogel for biomedical and biotechnological applications // New journal of chemistry. Cambridge : Royal Society of Chemistry. ISSN 1144-0546. eISSN 1369-9261. 2025, vol. 49, iss. 16, p. 6603-6614. DOI: 10.1039/d5nj00096c. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,600; AIF: 7,800; IF/AIF: 0,333; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 010] [Indėlis: 0,500]
 118. [S1; CH; OA] **Krucaite, Gintare; Grigalevicius, Saulius**. Low molar mass carbazole-based host materials for phosphorescent organic light-emitting diodes: a review // Coatings. Basel : MDPI. ISSN 2079-6412. 2025, vol. 15, iss. 4, art. no. 398, p. 1-40. DOI: 10.3390/coatings15040398. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,400; AIF: 6,066; IF/AIF: 0,560; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003]

[Indėlis: 1,000]

119. [S1; CH; OA] **Šimkutė, Simona; Bašinskienė, Loreta; Syrpas, Michail; Čižeikienė, Dalia.** Composition and technological properties of modified lingonberry (*Vaccinium vitis-idaea* L.) pomace // *Applied sciences*. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 7, art. no. 3661, p. 1-16. DOI: 10.3390/app15073661. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
120. [S1; GB] **Kutraite, Ingrida; Augustiniene, Ernesta; Malys, Naglis.** Hydroxybenzoic acids: microbial metabolism, pathway engineering and products // *Biotechnology advances*. Kidlington : Elsevier. ISSN 0734-9750. eISSN 1873-1899. 2025, vol. 81, art. no. 108571, p. 1-23. DOI: 10.1016/j.biotechadv.2025.108571. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 14,100; AIF: 5,400; IF/AIF: 2,611; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, T 005] [Indėlis: 1,000]
121. [S1; NL] **Kuppusamy, Santhiya; Ghasemi, Melika; Rashid, Ehsan Ullah; Volyniuk, Dmytro; Bezikonny, Oleksandr; Kaur, Khushdeep; Simokaitiene, Jurate; Bucinskas, Audrius; Stanitska, Mariia; Navozenko, Oleksandr; Grazulevicius, Juozas V.** Tetraphenyl ethylene derivatives exhibiting aggregation induced emission enhancement for OLEDs and optical sensors of nitroaromatic explosives // *Optical materials*. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2025, vol. 163, art. no. 116988, p. 1-10. DOI: 10.1016/j.optmat.2025.116988. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 5,300; IF/AIF: 0,811; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 008] [Indėlis: 0,910]
122. [S1; CH; OA] Tiwari, Rajesh Kumar; Mishra, Rajesh; Sharma, Sanjay Kumar; Prabhu, Nakshathra; Nagar, Mangey Ram; **Grigalevicius, Saulius.** Advancing cancer treatment and diagnosis: a review on photodynamic therapy using OLED technology // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 6, art. no. 1305, p. 1-22. DOI: 10.3390/molecules30061305. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,166]
123. [S1; CH; OA] **Navikaitė-Šnipaitienė, Vesta; Liudvinavičiūtė, Dovilė; Rutkaitė, Ramunė; Kitrytė-Syrpa, Vaida; Syrpas, Michail.** Antioxidant capacity and thermal stability of *Arthrospira platensis* extract encapsulated in starch sodium octenyl succinate with freeze-, spray-, and nanospray-drying // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 6, art. no. 1303, p. 1-21. DOI: 10.3390/molecules30061303. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
124. [S1; NL] **Rubinaite, D.; Dambrauskas, T.; Baltakys, K.; Siauciuonas, R.** Challenges and insights into the hydrothermal synthesis of calcium monosulfoaluminate 12-hydrate // *Journal of thermal analysis and calorimetry*. Dordrecht : Springer. ISSN 1388-6150. eISSN 1572-8943. 2025, vol. 150, p. 4981-4994. DOI: 10.1007/s10973-024-13808-y. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,400; IF/AIF: 0,640; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
125. [S1; GB; OA] **Kazlauskaitė, Brigita; Grauzeliene, Sigita;** Bridziuvienė, Danguolė; Raudonienė, Vita; Rainosalu, Egidija; **Ostrauskaitė, Jolita.** Antimicrobial thiol-acrylate vitrimers synthesized from glycerol and vanillin derivatives // *Smart materials and structures*. Bristol : IOP publishing. ISSN 0964-1726. eISSN 1361-665X. 2025, vol. 34, iss. 3, art. no. 035044, p. 1-11. DOI: 10.1088/1361-665X/adbb98. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,800; AIF: 5,650; IF/AIF: 0,672; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 010] [Indėlis: 0,502]
126. [S1; DE; OA] **Daskeviciute, Sarune;** Zhang, Yi; **Daskeviciene, Maryte; Rakstys, Kasparas; Petrulevicius, Julius;** Jankauskas, Vyntas; **Getautis, Vytautas;** Nazeeruddin, Mohammad Khaja. Facile and low-cost design alternative of spiro-OMeTAD as p-type semiconductor for efficient perovskite solar cells // *Solar RRL*. Weinheim : Wiley-VCH. ISSN 2367-198X. 2025, vol. 9, iss. 8, art. no. 202500034, p. 1-7. DOI: 10.1002/solr.202500034. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,800; AIF: 7,550; IF/AIF: 0,635; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, N 003] [Indėlis: 0,625]
127. [S1; GB; OA] **Varnaitė-Kapočė, Laurita; Kabalinaitė, Brigita;** Petrikaitė, Vilma; Gölge, Evren; **Šipailienė, Aušra; Leskauskaitė, Daiva.** Gelation of different phases of probiotic-loaded water-in-oil-in-water emulsion to enhance probiotic survival stability // *International journal of food science and technology*. Oxford : Oxford University Press. ISSN 0950-5423. eISSN 1365-2621. 2025, vol. 60, iss. 1, art. no. vvaf053, p. 5978-5988. DOI: 10.1093/ijfood/vvaf053. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,300; AIF: 6,000; IF/AIF: 0,550; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, M 003] [Indėlis: 0,668]
128. [S1; US; OA] **Butkute, Rita;** Raisys, Steponas; Serevicius, Tomas; **Andruleviciene, Viktorija; Mohammed, Hamisu Aliyu;** Kreiza, Gediminas; **Grazulevicius, Juozas V.;** Jursenas, Saulius. Modification of thermally activated delayed fluorescence emitters comprising acridan-pyrimidine and spiro-acridan-pyrimidine moieties for efficient triplet harvesting // *ACS Applied electronic materials*. Washington, DC : American Chemical Society. ISSN 2637-6113. 2025, vol. 7, iss. 6, p. 2339-2348. DOI: 10.1021/acsaem.4c02148. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,700; AIF: 6,050; IF/AIF: 0,776; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003, N 002] [Indėlis: 0,437]
129. [S1; DE] **Vaičiukynienė, Danutė; Alaburdaitė, Rasa;** Nizevičienė, Dalia; Tamošaitis, Gintautas. Sorption

- properties of Pb²⁺ ions from water by alkali activated slag/biochar composites // Biomass conversion and biorefinery. Heidelberg : Springer. ISSN 2190-6815. eISSN 2190-6823. 2025, vol. 15, p. 5075-5087. DOI: 10.1007/s13399-024-05434-3. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 7,750; IF/AIF: 0,554; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 002, T 001, N 003] [Indélis: 0,250]
130. [S1; UA; OA] Deva, Liliia; Stakhira, Pavlo; Fitio, Volodymyr; Guminiiovych, Ruslana; Bulavinets, Tetiana; **Stanitska, Mariia; Volyniuk, Dmytro**. Exploring quantum wells in OLED technologies: a comprehensive review of applications and advancements // Ukrainian journal of physical optics. Lviv : Institute of Physical Optics. ISSN 1609-1833. eISSN 1816-2002. 2025, vol. 26, iss. 2, p. 2001-2047. DOI: 10.3116/16091833/Ukr.J.Phys.Opt.2025.02001. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,700; AIF: 3,700; IF/AIF: 0,729; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indélis: 0,213]
 131. [S1; NL] **Keselytė, Agnė; Denafas, Gintaras**; Ha, Thi-Hanh; Lu, Ming-Chun. Application of Ni-Fe catalyst from fluidized-bed crystallisation reactor for treatment of RB5 azo dye using a Fenton-like system // Process safety and environmental protection. Amsterdam : Elsevier. ISSN 0957-5820. eISSN 1744-3598. 2025, vol. 196, art. no. 106959, p. 1-13. DOI: 10.1016/j.psep.2025.106959. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,900; AIF: 8,400; IF/AIF: 0,940; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 004] [Indélis: 0,500]
 132. [S1; NL] **Bezvikonnyi, Oleksandr; Durgaryan, Ranush**; Tamulevičius, Tomas; **Volyniuk, Dmytro; Simokaitiene, Jurate**; Minaev, Boris; Danyliv, Yan; Minaeva, Valentina; Vardanyan, Shushanna; **Macionis, Simas; Grazulevicius, Juozas V.** Penta-substituted arylbenzene derivatives as efficient hole-transporting materials // Optical materials. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2025, vol. 162, art. no. 116834, p. 1-11. DOI: 10.1016/j.optmat.2025.116834. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 5,300; IF/AIF: 0,811; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 008] [Indélis: 0,440]
 133. [S1; CH; OA] Sarv, Viive; Bhat, Rajeev; **Jūrienė, Laura; Baranauskienė, Renata**; Urbonavičienė, Dalia; Viškelis, Pranas; **Venskutonis, Petras Rimantas**. Supercritical fluid extraction of lipids from rowanberry pomace with Pure CO₂ and its mixtures with ethanol followed by the on-line separation of fractions // Molecules. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 4, art. no. 964, p. 1-17. DOI: 10.3390/molecules30040964. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 004] [Indélis: 0,426]
 134. [S1; GB; OA] **Al Akiki Dit Al Mazraani, Rizkallah; Malys, Naglis**; Maliene, Vida. Itaconate and its derivatives as anti-pathogenic agents // RSC Advances. Cambridge : Royal Society of Chemistry. ISSN 2046-2069. 2025, vol. 15, iss. 6, p. 4408-4420. DOI: 10.1039/D4RA08298B. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 6,100; AIF: 7,800; IF/AIF: 0,782; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003] [Indélis: 0,980]
 135. [S1; GB; OA] Mametjanov, Askarbek; Musulmanova, Mukarama; Laučienė, Lina; Kondrotienė, Kristina; Aleksandrovas, Elvidas; Zakarienė, Gintarė; Kiseliövienė, Sandra; Šalaševičienė, Alviija; **Keršienė, Milda; Leskauskaitė, Daiva**; Šernienė, Loreta. Sustainable innovations in Kurut drink production through replacing water with dairy whey to improve nutritional quality // LWT. London : Elsevier. ISSN 0023-6438. eISSN 1096-1127. 2025, vol. 218, art. no. 117505, p. 1-10. DOI: 10.1016/j.lwt.2025.117505. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 7,100; AIF: 6,000; IF/AIF: 1,183; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, A 002] [Indélis: 0,180]
 136. [S1; CH] **Dvylys, Lukas; Keruckiene, Rasa; Guzauskas, Matas**; Chu, Shi-Wei; **Grazulevicius, Juozas V.** Thianthrene-based heavy metal-free oxygen analytes exhibiting room temperature phosphorescence and high sensitivity for low oxygen concentration // Sensors and actuators B: Chemical. Lausanne : Elsevier. ISSN 0925-4005. 2025, vol. 430, art. no. 137380, p. 1-11. DOI: 10.1016/j.snb.2025.137380. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 8,300; AIF: 5,533; IF/AIF: 1,500; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, T 005] [Indélis: 0,800]
 137. [S1; GB] **Stanitska, Mariia**; Deva, Liliia; Minaev, Boris; Minaeva, Valentyna; Panchenko, Oleksandr; Ågren, Hans; **Volyniuk, Dmytro; Keruckienė, Rasa**; Khomyak, Semen; Maksymych, Vitalii; Stakhira, Pavlo; **Grazulevičius, Juozas Vidas**. Hetero-donors-adorned anthraquinones with near infra-red absorption for solution-processable photodetectors // Spectrochimica acta Part A: Molecular and biomolecular spectroscopy. Kidlington : Elsevier. ISSN 1386-1425. eISSN 1873-3557. 2025, vol. 332, art. no. 125805, p. 1-16. DOI: 10.1016/j.saa.2025.125805. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,800; AIF: 3,000; IF/AIF: 1,600; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indélis: 0,293]
 138. [S1; CH; OA] Lenka, Sushanta; Gupta, Shivam; Rehman, Bushra; Dubey, Deepak Kumar; Wang, Hsuan-Min; Sharma, Ankit; Jayakumar, Jayachandran; Wang, Ching-Wu; Tai, Nyan-Hwa; **Grigalevicius, Saulius**; Jou, Jwo-Huei. TiO₂-nanobelt-enhanced, phosphorescent, organic light-emitting diodes // Nanomaterials. Basel : MDPI. ISSN 2079-4991. 2025, vol. 15, iss. 3, art. no. 199, p. 1-17. DOI: 10.3390/nano15030199. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,800; AIF: 7,700; IF/AIF: 0,623; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indélis: 0,090]
 139. [S1; CH; OA] Lyshtva, Pavlo; Torkelis, Artūras; Kobets, Yaroslav; Carpio-Vallejo, Estefania; Dobri, Andrea;

- Barbir, Jelena; Voronova, Viktoria; **Denafas, Gintaras; Kliucininkas, Linas**. Characterization of the municipal plastic and multilayer packaging waste in three cities of the Baltic States // Sustainability. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 3, art. no. 986, p. 1-19. DOI: 10.3390/su17030986. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 004] [Indėlis: 0,222]
140. [S1; SE; OA] **Kaminskas, Rimvydas; Barauskas, Irmantas; Uselis, Skomantas; Savickaite, Brigita**. Binary supplementary cementitious material from expanded clay production dust and opoka // Sustainability. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 2, art. no. 794, p. 1-12. DOI: 10.3390/su17020794. [Science Citation Index Expanded (Web of Science); Scopus; DOAJ] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
 141. [S1; CH; OA] Lalić, Anita; **Jagelavičiūtė, Jolita**; Rezić, Tonči; Trivunović, Zorana; **Žadeikė, Daiva; Bašinskienė, Loreta**. From bakery leftovers to brewing sustainability: fermentation of spent grain with *Yarrowia lipolytica* and *Lactobacillus acidophilus* // Sustainability. Basel : MDPI. ISSN 2071-1050. 2025, vol. 17, iss. 2, art. no. 782, p. 1-16. DOI: 10.3390/su17020782. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,350; IF/AIF: 0,645; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,498]
 142. [S1; NL] **Tichonovas, Martynas**; Ilickas, Mindaugas; **Martuzevičius, Dainius**; Račkauskas, Simas. Graphene/ZnO/Poly[ε]caprolactone fibre nanocomposites for light and gas sensing applications // Materials science and engineering B. Amsterdam : Elsevier. ISSN 1873-4944. eISSN 0921-5107. 2025, vol. 314, art. no. 118020, p. 1-9. DOI: 10.1016/j.mseb.2025.118020. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,700; AIF: 7,650; IF/AIF: 0,745; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 008, T 004] [Indėlis: 0,375]
 143. [S1; CH; OA] **Jagelavičiūtė, Jolita; Čižeikienė, Dalia; Bašinskienė, Loreta**. Enzymatic modification of apple pomace and its application in conjunction with probiotics for jelly candy production // Applied sciences. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 2, art. no. 599, p. 1-17. DOI: 10.3390/app15020599. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,833]
 144. [S1; GB; OA] **Macionis, Simas; Rashid, Ehsan Ullah; Simokaitiene, Jurate; Butkute, Rita; Bezikonny, Oleksandr; Volyniuk, Dmytro; Gudeika, Dalius**; Chiu, Tien-Lung; Lee, Jiun-Haw; Su, Zi-Wen; Chen, Chia-Hsun; Budreckiene, Ruta; **Stanitska, Mariia**; Navozenko, Oleksandr; **Grazulevicius, Juozas V.** The effect of bipolar charge transport of derivatives of 1-phenyl-1H-benzo[d]imidazole with horizontal molecular orientation on the performance of OLEDs based on thermally activated delayed fluorescence or phosphorescence // Journal of materials chemistry C. Cambridge : Royal Society of Chemistry. ISSN 2050-7534. eISSN 2050-7526. 2025, vol. 13, iss. 9, p. 4749-4759. DOI: 10.1039/d4tc04802d. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 5,100; AIF: 6,500; IF/AIF: 0,784; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 008, N 004] [Indėlis: 0,604]
 145. [S1; NL] **Dvylys, Lukas; Keruckiene, Rasa; Volyniuk, Lesia; Volyniuk, Dmytro; Grazulevicius, Juozas V.** Emissive tags based on three new electron acceptors and phenoxathiin containing compounds with enhancement of room-temperature phosphorescence // Chemical engineering journal. Lausanne : Elsevier. ISSN 1385-8947. eISSN 1873-3212. 2025, vol. 505, art. no. 159362, p. 1-11. DOI: 10.1016/j.cej.2025.159362. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 12,500; AIF: 8,400; IF/AIF: 1,488; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 003, T 008] [Indėlis: 1,000]
 146. [S1; CH; OA] **Krakauskaitė, Ugnė; Aboobacker, Shahana; Kitrytė-Syrpa, Vaida; Syrpas, Michail**. Optimised extraction and purification of dual-function cosmetic-grade phycocyanin and allophycocyanin from dried *arthrospira platensis* biomass using conventional methods // Applied sciences. Basel : MDPI. ISSN 2076-3417. 2025, vol. 15, iss. 2, art. no. 532, p. 1-18. DOI: 10.3390/app15020532. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,900; AIF: 6,250; IF/AIF: 0,464; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 1,000]
 147. [S1; DE] Zhumagali, Shynggys; Li, Chongwen; **Marcinkas, Mantas**; Dally, Pia; Liu, Yuan; Ugur, Esma; Petoukhoff, Christopher E.; Ghadiyali, Mohammed; Prasetyo, Adi; Marengo, Marco; Pininti, Anil R.; Azmi, Randi; Schwingenschlög, Udo; Laquai, Frédéric; **Getautis, Vytautas; Malinauskas, Tadas**; Aydin, Erkan; Sargent, Edward H.; De Wolf, Stefaan. Efficient narrow bandgap Pb-Sn perovskite solar cells through self-assembled hole transport layer with ionic head // Advanced energy materials. Weinheim : Wiley-VCH. ISSN 1614-6832. eISSN 1614-6840. 2025, vol. 15, iss. 18, art. no. 2404617, p. 1-9. DOI: 10.1002/aenm.202404617. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 25,500; AIF: 7,600; IF/AIF: 3,355; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,156]
 148. [S1; GB] **Svedaite, E.; Dambrauskas, T.**; Renman, A.; Renman, G.; **Baltakys, K.** Adsorption kinetics of phosphorus on a calcium silicate hydrate based adsorbent // Ceramics international. London : Elsevier. ISSN 0272-8842. eISSN 1873-3956. 2025, vol. 51, iss. 5, p. 5557-5566. DOI: 10.1016/j.ceramint.2024.03.346. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,000; AIF: 4,900; IF/AIF: 1,224; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,600]

149. [S1; GB] **Zubas, Aistis Rapolas**; Pitak, Inna; **Denafas, Gintaras**; **Griškonis, Egidijus**; Kruopienė, Jolita. An application of solvent and thermal treatment to recover materials from photovoltaic module encapsulated with polyolefin elastomer // *Waste management and research*. London : SAGE. ISSN 0734-242X. eISSN 1096-3669. 2025, vol. 43, iss. 8, p. 1260-1267. DOI: 10.1177/0734242X241305092. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 4,200; AIF: 7,700; IF/AIF: 0,545; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 004, T 008, N 003] [Indėlis: 0,400]
150. [S1; DE] Bunevičienė, Kristina; Drapanauskaitė, Donata; Žilytė, Gabija; **Kaminskas, Rimvydas**; Barčauskaitė, Karolina. Assessing the impact of biofuel ash on agricultural crops: ecotoxicity and risk index evaluation // *Biomass conversion and biorefinery*. Heidelberg : Springer. ISSN 2190-6815. eISSN 2190-6823. 2025, vol. 15, p. 13441-13454. DOI: 10.1007/s13399-024-06042-x. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 7,750; IF/AIF: 0,554; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: A 001, T 005] [Indėlis: 0,200]
151. [S1; GB; OA] Navickas, Marius; Gineitis, Karolis; **Urbonavičius, Arminas**; **Krikštolė, Sonata**; **Martynaitis, Vytas**; **Arbačiauskienė, Eglė**; **Dagilienė, Miglė**; **Šačkus, Algirdas**; Vengris, Mikas. Concurrent ultrafast twisting and proton transfer photoreactions in new pyrano[2,3-c]pyrazole derivatives // *Physical chemistry chemical physics*. Cambridge : Royal Society of Chemistry. ISSN 1463-9076. eISSN 1463-9084. 2025, vol. 27, iss. 3, p. 1515-1524. DOI: 10.1039/d4cp03805c. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,000; AIF: 5,850; IF/AIF: 0,512; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,666]
152. [S1; US] Chetri, Rachel; Devadiga, Deepak; **Rakštys, Kasparas**; Jankauskas, Vygintas; **Getautis, Vytautas**; Ghadari, Rahim; Nazeeruddin, Mohammad Khaja; Tantri Nagaraja, Ahipa. D-A-D- and A-A-D-type cyanopyridone derivatives as a new class of hole-transporting materials for perovskite solar cells // *Energy and fuels*. Washington, DC : American Chemical Society. ISSN 0887-0624. eISSN 1520-5029. 2025, vol. 39, iss. 1, p. 852-867. DOI: 10.1021/acs.energyfuels.4c05816. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 6,000; AIF: 7,750; IF/AIF: 0,774; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 002] [Indėlis: 0,250]
153. [S1; NL] **Tiskute, M.**; **Eisinas, A.**; **Baltakys, K.**; **Dambrauskas, T.** Influence of microwave-assisted synthesis temperature on the formation and properties of monetite // *Journal of thermal analysis and calorimetry*. Dordrecht : Springer. ISSN 1388-6150. eISSN 1572-8943. 2025, vol. 150, iss. 2, p. 977-989. DOI: 10.1007/s10973-024-13543-4. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,400; IF/AIF: 0,640; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
154. [S1; NL] **Rubinaite, Dovile**; **Dambrauskas, Tadas**; **Baltakys, Kestutis**; **Siauciunas, Raimundas**. Influence of water vapour pressure on the carbonation process of calcium monosulfoaluminate 12-hydrate // *Journal of thermal analysis and calorimetry*. Dordrecht : Springer. ISSN 1388-6150. eISSN 1572-8943. 2025, vol. 150, iss. 2, p. 861-872. DOI: 10.1007/s10973-024-13233-1. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,400; IF/AIF: 0,640; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
155. [S1; NL; OA] Ammar, Mohamed; **Dambrauskas, Tadas**; Parvin, Sahanaz; GonzalezCasamachin, Diego Alexander; **Baltakys, Kestutis**; Baltrusaitis, Jonas. In situ analysis of magnesium ([NH₄]₂Mg[CO₃]₂·4H₂O), copper ([NH₃]₂Cu(CO₃)), and zinc ((NH₃)Zn(CO₃)) ammonium carbonate thermal properties // *Journal of thermal analysis and calorimetry*. Dordrecht : Springer. ISSN 1388-6150. eISSN 1572-8943. 2025, vol. 150, iss. 3, p. 1557-1569. DOI: 10.1007/s10973-024-13878-y. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,400; IF/AIF: 0,640; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,332]
156. [S1; UA; OA] Deva, L.; Stakhira, P.; Fitio, V.; Debata, S.; Dev, P.; Karaush-Karmazin, N.; Kuzyk, N.; Yaremchuk, I.; **Volyniuk, D.** Organic light-emitting devices with quantum well structures using carbazole derivative 4CzTPN-Ph as an emitting material // *Ukrainian journal of physical optics*. Lviv : O.G. Vlokh Institute of Physical Optics. ISSN 1609-1833. eISSN 1609-1833. 2025, vol. 26, iss. 1, p. 1009-1022. DOI: 10.3116/16091833/Ukr.J.Phys.Opt.2025.01009. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 2,700; AIF: 3,700; IF/AIF: 0,729; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,111]
157. [S1; CH] **Tavgeniene, Daiva**; **Blazevicius, Dovydas**; **Kirstukas, Mantas**; **Krucaite, Gintare**; Kazlauskas, Karolis; Banevicius, Dovydas; Jankauskas, Vygintas; Kamarauskas, Egidijus; **Grigalevicius, Saulius**. Phenanthro[9,10-d]imidazole having electroactive derivatives as potential host materials for third generation organic light emitting diodes // *Synthetic metals*. Lausanne : Elsevier. ISSN 0379-6779. 2025, vol. 311, art. no. 117822, p. 1-8. DOI: 10.1016/j.synthmet.2024.117822. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,500; AIF: 7,066; IF/AIF: 0,636; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 002, T 008] [Indėlis: 0,556]
158. [S1; US] **Pauliukaitytė, Ingrida**; Čiužas, Darius; **Krugly, Edvinas**; **Baniukaitienė, Odeta**; Bulota, Mindaugas; Petrikaitė, Vilma; **Martuzevičius, Dainius**. Regenerated nanofibrous cellulose electrospun from ionic liquid: tuning properties toward tissue engineering // *Journal of biomedical materials research. Part A*. Hoboken, NJ : Wiley periodicals. ISSN 1549-3296. eISSN 1552-4965. 2025, vol. 113, iss. 1, art. no. e37798, p. 1-14. DOI: 10.1002/jbm.a.37798. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 3,800; AIF: 6,650; IF/AIF: 0,571; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 004, M 003] [Indėlis: 0,556]

159. [S1; NL] **Kaminskas, Rimvydas; Eisinas, Anatolijus; Barauskas, Irmantas; Zinkevičius, Linas**. Synthesis and characterization of calcium silicate hydrate from biomass fly ash // *Journal of thermal analysis and calorimetry*. Dordrecht : Springer. ISSN 1388-6150. eISSN 1588-2926. 2025, vol. 150, iss. 2, p. 965-975. DOI: 10.1007/s10973-024-13670-y. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,100; AIF: 6,400; IF/AIF: 0,640; Q1 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 1,000]
160. [S1; US] **Savickė, Miglė; Peciulytė, Laura; Bendoraitienė, Joana**; Samaryk, Volodymyr; **Rutkaite, Ramunė**. Thermoresponsive properties of acenaphthylene-labelled chitosan-graft-poly(N-isopropylacrylamide) copolymers // *Polymer bulletin*. New York : Springer. ISSN 0170-0839. eISSN 1436-2449. 2025, vol. 82, iss. 6, p. 1893-1914. DOI: 10.1007/s00289-024-05608-z. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,200; AIF: 5,900; IF/AIF: 0,711; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005] [Indėlis: 0,800]
161. [S1; NL] **Butkute, Rita**; Serevicius, Tomas; Raisys, Steponas; Tulaite, Kamile; **Skhirtladze, Levani**; Sini, Gjergji; **Grazulevicius, Juozas Vidas**; Jursenas, Saulius. Triplet harvesting in trifluoromethyl quinoxaline derivatives via TADF and RTP mechanisms // *Optical materials*. Amsterdam : Elsevier. ISSN 0925-3467. eISSN 1873-1252. 2025, vol. 158, art. no. 116421, p. 1-9. DOI: 10.1016/j.optmat.2024.116421. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 4,300; AIF: 5,300; IF/AIF: 0,811; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, N 002] [Indėlis: 0,312]
162. [S1; CH; OA] Sharma, Dipanshu; Gull, Sanna; Ramakrishnan, Anbalagan; Lenka, Sushanta; Kumar, Anil; Kumar, Krishan; Lin, Pin-Kuan; Wang, Ching-Wu; Chen, Sinn-Wen; **Grigalevicius, Saulius**; Jou, Jwo-Huei. Two-dimensional transition metal dichalcogenide: synthesis, characterization, and application in candlelight OLED // *Molecules*. Basel : MDPI. ISSN 1420-3049. 2025, vol. 30, iss. 1, art. no. 27, p. 1-13. DOI: 10.3390/molecules30010027. [Science Citation Index Expanded (Web of Science); Scopus; MEDLINE] [IF: 5,100; AIF: 7,000; IF/AIF: 0,728; Q2 (2025, Clarivate JCR SCIE)] [M.kr.: N 003] [Indėlis: 0,090]
163. [S1; NL] **Sholokhova, Anastasiia**; Varžinskas, Visvaldas; **Rutkaitė, Ramunė**. Valorization of agro-waste in bio-based and biodegradable polymer composites: a comprehensive review with emphasis on Europe perspective // *Waste and biomass valorization*. Dordrecht : Springer. ISSN 1877-2641. eISSN 1877-265X. 2025, vol. 16, iss. 4, p. 1537-1571. DOI: 10.1007/s12649-024-02856-y. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 3,100; AIF: 5,900; IF/AIF: 0,525; Q3 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, T 004] [Indėlis: 0,667]

Lietuvos leidyklose

1. [S1; LT; OA] Motiejauskaitė, Dovilė; **Žvirdauskienė, Renata**; Venckutė, Agnė; Barčauskaitė, Karolina. Elemental composition and bioactivity of morphological parts extracts of winter savory (*Satureja montana* L.) // *Chemija*. Vilnius : Lithuanian Academy of Sciences. ISSN 0235-7216. eISSN 2424-4538. 2025, vol. 36, iss. 3, p. 121-131. DOI: 10.6001/chemija.2025.36.3.2. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,000; AIF: 7,800; IF/AIF: 0,128; Q4 (2025, Clarivate JCR SCIE)] [M.kr.: T 005, A 001] [Indėlis: 0,125]
2. [S1; LT; OA] **Kavaliauskas, Povilas**; Grigalevičiūtė, Ramunė; **Linkaitė, Gabija**; **Žitinevičiūtė, Milda**; **Andriuškaitė, Ema**; **Musteikis, Skirmantas**; **Marčinskas, Mantas**; **Getautis, Vytautas**. New derivatives bearing alkyl phosphonic acid moieties as a promising scaffold against drug-resistant H69AR small cell lung cancer models // *Chemija : Lietuvos mokslų akademijos leidykla*. ISSN 0235-7216. eISSN 2424-4538. 2025, vol. 36, no. 3, p. 177-196. DOI: 10.6001/chemija.2025.36.3.7. [Science Citation Index Expanded (Web of Science); Scopus] [IF: 1,000; AIF: 7,800; IF/AIF: 0,128; Q4 (2025, Clarivate JCR SCIE)] [M.kr.: N 003, N 010] [Indėlis: 0,781]

Kituose *Web of Science* duomenų bazėje referuojamuose leidiniuose

Užsienio leidyklose

1. [S1; CH; OA] **Kaminskas, Rimvydas; Zuzevicius, Arius; Barauskas, Irmantas**. Supplementary cementitious material from Epsom salt production waste // *Journal of composites science*. Basel : MDPI. ISSN 2504-477X. 2025, vol. 9, iss. 12, art. no. 708, p. 1-14. DOI: 10.3390/jcs9120708. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: T 005] [Indėlis: 1,000]
2. [S1; UA] Kavetsky, T.S.; Zubrytska, O.V.; Matskiv, O.I.; Stievenard, M.; Šauša, O.; Švajdlenková, H.; Soloviev, V.; Bielinskyi, A.; **Ostrauskaite, J.**; Kiv, Arnold. Photopolymerization and photodegradation of polymers after long-term UV light exposure // *Physics and chemistry of solid state*. Ivano-Frankivsk : Vasyl Stefanyk Precarpathian National University. ISSN 1729-4428. eISSN 2309-8589. 2025, vol. 26, iss. 4, p. 718-732. DOI: 10.15330/pssc.26.4.718-732. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: T 005] [Indėlis: 0,100]

3. [S1; NL; OA] **Amobonye, Ayodeji Emmanuel Tope**; Bhagwat, Prashant; Magwaza, Buka; Pillai, Santhosh. Comparative secretome dynamics of *Beauveria bassiana* under solid-state and submerged fermentation // *Scientific African*. Amsterdam : Elsevier. ISSN 2468-2276. 2025, vol. 30, art. no. e03080, p. 1-14. DOI: 10.1016/j.sciaf.2025.e03080. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: T 005] [Indėlis: 0,125]
4. [S1; NL; OA] **Minelgaitė, Vidmantė; Jeznienė, Sigita; Šipailienė, Aušra**. Advances in food-grade hydrogel encapsulation of probiotics with next-generation prebiotics for targeted synbiotic delivery // *Food hydrocolloids for health*. Amsterdam : Elsevier. ISSN 2667-0259. 2025, vol. 8, art. no. 100251, p. 1-18. DOI: 10.1016/j.fhfh.2025.100251. [Emerging Sources Citation Index (Web of Science); Scopus; MEDLINE] [M.kr.: T 005, N 003] [Indėlis: 1,000]
5. [S1; GB; OA] **Drevilkauskaitė, Aida**; Zimmermann, Lea; Taupitz, Isabella; Trofimov, Sergei; Naydenov, Boris; Köhnen, Eike; **Getautis, Vytautas**; Albrecht, Steve; **Magomedov, Artiom**. Screening of the carbazole-based phosphonic acids in perovskite solar cells: impact of the substitution pattern on device performance // *Materials advances*. Cambridge : Royal Society of Chemistry. ISSN 2633-5409. 2025, vol. 6, iss. 23, p. 8921-8929. DOI: 10.1039/d5ma00703h. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: N 003] [Indėlis: 0,334]
6. [S1; US] Drabavičius, Audrius; Kondrotas, Rokas; Spalatu, Nicolae; Pakštas, Vidas; Talaikis, Martynas; **Antanaitytė, Meda**; Franckevičius, Marius. High-performance GeS thin film photodetectors obtained via sulfurization and boron doping // *ACS Applied optical materials*. Washington, DC : American Chemical Society. ISSN 2771-9855. 2025, vol. 3, iss. 9, p. 2232-2240. DOI: 10.1021/acsao.5c00312. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: N 003, N 002] [Indėlis: 0,142]
7. [S1; NL; OA] **Navikaite-Snipaitiene, Vesta; Rutkaite, Ramune**; Ivanauskas, Liudas; Jakstas, Valdas; Fieseler, Lars; Rüegg, Nadine; Yildirim, Selçuk. Development of thyme essential oil-based coatings and assessment of their antimicrobial activity // *Applied food research*. Amsterdam : Elsevier. ISSN 2772-5022. 2025, vol. 5, iss. 2, art. no. 101367, p. 1-8. DOI: 10.1016/j.afres.2025.101367. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: T 005, M 003] [Indėlis: 0,290]
8. [S1; CA; OA] Magriplis, Emmanuella; Kotopoulou, Sotiria; Adamberg, Signe; Burton-Pimentel, Kathryn Jane; **Kitryte-Syrpa, Vaida**; Laranjo, Marta; Meslier, Victoria; Smiliotopoulos, Theodoros; Vergères, Guy; Vidovic, Bojana; Chassard, Christophe; **Syrpas, Michail**. Fermented food consumption across European regions: protocol for the development and validation of the web-based fermented foods frequency questionnaire (3FQ) // *JMIR Research protocols*. Toronto : JMIR publications. ISSN 1929-0748. 2025, vol. 14, art. no. e69212, p. 1-8. DOI: 10.2196/69212. [Emerging Sources Citation Index (Web of Science); Scopus; MEDLINE] [M.kr.: T 005] [Indėlis: 0,166]
9. [S1; CH; OA] **Masionis, Justinas; Čiužas, Darius; Krugly, Edvinas; Tichonovas, Martynas; Prasauskas, Tadas; Martuzevičius, Dainius**. Inactivation of bioaerosol particles in a single-pass multi-stage non-thermal plasma and ionization air cleaner // *Plasma*. Basel : MDPI. ISSN 2571-6182. 2025, vol. 8, iss. 2, art. no. 22, p. 1-19. DOI: 10.3390/plasma8020022. [Emerging Sources Citation Index (Web of Science); Scopus; DOAJ] [M.kr.: T 004] [Indėlis: 1,000]
10. [S1; US; OA] Nguena-dongue, Branly-natalien; Menkem, Elisabeth Zeuko'o; Lunga, Paul Keilah; Asong, Stella Tofac; **Amobonye, Ayodeji**; Pillai, Santhosh. Targeting multi-drug-resistant ESKAPE pathogens: antibacterial, antioxidant, cytotoxicity, and metabolic profiling of selected Cameroonian plants // *Future journal of pharmaceutical sciences*. New York : Springer. ISSN 2314-7245. eISSN 2314-7253. 2025, vol. 11, iss. 1, art. no. 45, p. 1-18. DOI: 10.1186/s43094-025-00799-2. [Emerging Sources Citation Index (Web of Science); Dimensions] [M.kr.: T 005] [Indėlis: 0,083]
11. [S1; UA; OA] **Stanitska, Mariia**; Obushak, Mykola; **Gražulevičius, Juozas Vidas**. Modification by fluorine as efficient tool for the enhancement of the performance of organic electroactive compounds – a review // *Chemistry and chemical technology*. Lviv : Lviv Polytechnic National University. ISSN 1996-4196. 2025, vol. 19, no. 1, p. 52-60. DOI: 10.23939/chcht19.01.052. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: T 005, T 008] [Indėlis: 0,500]
12. [S1; GB; OA] **Biškauskaitė-Ulinskė, Renata; Valeika, Virgilijus**. Effect of enzyme on chromed leather dyeing with acidic dyes // *Journal of engineering*. Oxford : Wiley. ISSN 2314-4904. eISSN 2314-4912. 2025, vol. 2025, art. no. 8884546, p. 1-15. DOI: 10.1155/je/8884546. [Emerging Sources Citation Index (Web of Science); Scopus] [M.kr.: T 005] [Indėlis: 1,000]
13. [S1; DE; OA] **Šulčiūtė, Agnė; Šulčius, Algirdas**. Interpretation of galvanic series when teaching metal corrosion // *Chemistry teacher international*. Berlin : De Gruyter Brill. ISSN 2569-3263. 2025, vol. 7, iss. 3, p. 553-561. DOI: 10.1515/cti-2024-0105. [Emerging Sources Citation Index (Web of Science); Scopus; DOAJ] [M.kr.: T 005, N 003] [Indėlis: 1,000]

Kituose recenzuojamuose mokslo leidiniuose

Užsienio leidyklose

1. [S3; UA; OA] Плаван, В.П.; Ляшок, І.О.; Тарасенко, Н.В.; **Валейка, Віргіліус**. Розвиток сорбційних методів очищення води в контексті подолання наслідків військових дій в Україні = Development of sorption methods for water purification in the context of overcoming the consequences of military actions in Ukraine // Екологічні науки. Київ : «Гельветика». ISSN 2306-9716. eISSN 2664-6110. 2025, vol. 6, no. 63, p. 148-153. DOI: 10.32846/2306-9716/2025.eco.6-63.24. [Dimensions] [M.kr.: T 005] [Indėlis: 0,250]
2. [S3; DE; OA] Obakachi, Vincent; **Amobonye, Ayodeji**; Pillai, Santhosh; Govender, Krishna; Govender, Penny; Shode, Francis O. Exploring the inhibitory potential of Lippia Javanica phytochemicals against SARS-CoV-2 Omicron variant Mpro using molecular modelling approaches // Discover chemistry. Berlin : Springer. ISSN 3005-1193. 2025, vol. 2, iss. 1, art. no. 341, p. 1-19. DOI: 10.1007/s44371-025-00430-6. [Dimensions; DOAJ] [M.kr.: T 005] [Indėlis: 0,166]
3. [S2; US; OA] Jumadilov, Talkybek; Suleimenova, Meruyert; **Gražulevičius, Juozas Vidas**. Selective sorption of gold ions from iron-rich solutions using a dual-phase interpolymer system // Engineered science. Knoxville, TN : Engineered science publisher. ISSN 2576-988X. eISSN 2576-9898. 2025, vol. 35, art. no. 1482, p. 1-14. DOI: 10.30919/es1482. [Scopus; Dimensions] [M.kr.: T 005] [Indėlis: 0,333]
4. [S4; IN; OA] **Biskauskaitė, Renata; Valeika, Virgilijus**. Use of enzymes for leather post-tanning processes // International journal of advances in science engineering and technology. Bhubaneswar : IRAJ International. ISSN 2321-8991. eISSN 2321-9009. 2025, vol. 13, iss. 1, p. 68-71. [M.kr.: T 005] [Indėlis: 1,000]
5. [S2; US; OA] Onyeodili, Adindu O.; Okafor, Gabriel I.; Okoyeuzu, Chigozie F.; Nduka, Onyekachukwu Chukwuebuka; Okechukwu, Queency N.; **Imamou Hassani, Mouandhe**; Juchniewicz, Szymon; Leicht, Katarzyna; Okpala, Charles Odilichukwu R.; Korzeniowska, Małgorzata; Guiné, Raquel P. F. Sustainable alternative of palm wine analogue from different tiger nut milk-sugar syrup blends for local production // Exploration of foods and foodomics. New York : Open Exploration. ISSN 2837-9020. 2025, vol. 3, art. no. 101069, p. 1-14. DOI: 10.37349/eff.2025.101069. [Scopus; Dimensions; DOAJ] [M.kr.: T 005] [Indėlis: 0,090]

Lietuvos leidyklose

1. [S3; LT; OA] Vainalavičiūtė, Vaineta; Malachovskienė, Eglė; Bridžiuvienė, Danguolė; **Ostrauskaitė, Jolita**. Mikromicetų, išskirtų nuo sėmenų aliejaus polimerų kompozitų su organiniais gamybos atliekų užpildais, fiziologinės savybės // Žmogaus ir gamtos sauga 2025: mokslo straipsnių rinkinys = Human and nature safety 2025: selected papers / Vytauto Didžiojo universitetas. Kaunas : Vytauto Didžiojo universitetas. ISSN 1822-1823. eISSN 2538-9122. 2025, p. 361-365. [Central & Eastern European Academic Source (CEEAS)] [M.kr.: T 005] [Indėlis: 0,250]

Kituose recenzuojamuose mokslinių konferencijų darbų leidiniuose

Užsienio leidyklose

1. [P1b; US; OA] Wang, Szu-Jung; Ye, Yu-Feng; He, Zih-Ru; Yang, Fong-Yu; Chang, Chih-Hao; **Beresneviciute, Raminta; Blazeivicius, Dovydas; Skuodis, Eigirdas; Grigalevicius, Saulius**. Multifunctional dibenzofuran-carbazole host materials for high-performance red phosphorescent OLEDs // Proceedings of AM-FPD 25: 2025 32nd international workshop on active-matrix flatpanel displays and devices: TFT technologies and FPD materials: 1-4 July 2025, Ryukoku University Fukakusa Campus Jojukan, Japan. Piscataway, NJ : IEEE, 2025, P_8. eISBN 9784991216992. p. 97-100. DOI: 10.23919/AM-FPD66451.2025.11110507. [Scopus] [M.kr.: N 003] [Indėlis: 0,444]
2. [P1b; US] Ye, Yu-Feng; Wang, Szu-Jung; Huang, Chi-Hao; Chen, Yu-Hsuan; Chang, Chih-Hao; **Tavgeniene, Daiva; Blazeivicius, Dovydas; Skuodis, Eigirdas; Grigalevicius, Saulius**. High-performance carbazole-benzocarbazole-based host materials for red phosphorescent OLEDs: enhanced stability and efficiency // Proceedings of AM-FPD 25: 2025 32nd international workshop on active-matrix flatpanel displays and devices: TFT technologies and FPD materials: 1-4 July 2025, Ryukoku University Fukakusa Campus Jojukan, Japan. Piscataway, NJ : IEEE, 2025, P_7. eISBN 9784991216992. p. 93-96. DOI: 10.23919/AM-FPD66451.2025.11110106. [Scopus] [M.kr.: N 003] [Indėlis: 0,444]
3. [P1d; AE] **Biškauskaitė-Ulinskė, Renata; Valeika, Virgilijus**. Mechanism of enzymatic leather dyeing // Proceedings of ISER international conference, 22-23 May 2025, Port Louis, Mauritius. Dubai : IRAJ international, 2025. ISBN 9789390150298. p. 1-6. [M.kr.: T 005] [Indėlis: 1,000]

4. [P1b; GB; OA] Abdullah, Mohsin; **Denafas, Gintaras**. Enhancing sustainability in municipal solid waste management: an anaerobic-based scenario for Kaunas MBT // IOP Conference series: Earth and environmental science: 14th annual international scientific conference EcoTech 2024, 19-22 November 2024 Jelgava, Latvia : Institute of Physics. ISSN 1755-1307. eISSN 1755-1315. 2025, vol. 1474, iss. 1, art. no. 012005, p. 1-6. DOI: 10.1088/1755-1315/1474/1/012005. [Scopus] [M.kr.: T 004, T 008] [Indėlis: 0,250]
5. [P1d; PL; OA] **Aleksaitytė, Gabija; Pocienė, Odeta; Šlinkšienė, Rasa**. The effect of recycle amount on the properties of organic fertilizers // 13th European young engineers conference (EYEC), Warsaw, 7-9 April 2025: monograph. Warsaw : Warsaw University of Technology, 2025. ISBN 9788395382253. p. 38-43. [M.kr.: N 003, T 005] [Indėlis: 1,000]
6. [P1d; TR] **Biškauskaitė-Ulinskė, Renata; Valeika, Virgilijus**. Specificities of leather dyeing with the addition of enzymes // ISSRIS'25: 5th international symposium of scientific research and innovative studies = 5. Uluslararası bilimsel arařtırmalar ve yenilikçi çalışmalar sempozyumu: 1922 March/Mart 2025: proceedings book = bildiriler kitabı. Bandırma : Bandırma Onyedı Eylöl University, 2025. ISBN 9786259431765. p. 253-259. [M.kr.: T 005] [Indėlis: 1,000]

Lietuvos leidyklose

1. [P1c; LT] **Lukošiūnas, Jokūbas; Šarapajevaitė, Gabrielė; Turilinaitė, Lidiја; Dargytė, Kamilė; Baniūkaitienė, Odeta**. Development of highly porous bioactive 3D-Printed polylactic acid/hydroxyapatite scaffolds for bone tissue engineering // Industrial engineering 2025: 12th international young researchers' conference: conference proceedings / G. Laureckienė, L. Gegeckienė, I. Venytė (eds.). Kaunas : Technologija. ISSN 2783-6363. 2025, p. 117-119. [Dimensions] [M.kr.: N 003, T 005] [Indėlis: 1,000]
2. [P1c; LT] **Matijūnas, Mindaugas; Ivanauskas, R. (temos vadovas)**. Sustainable bioaccumulation-based filter for heavy metal remediation using protozoan tetrahymena thermophila // TiFEC-2025: TiFEC student scientific conference: proceedings of the student scientific conference, TiFEC-2025. Kaunas : Kaunas University of Technology. ISSN 3030-2250. 2025, p. 25-29. [Dimensions] [M.kr.: N 003] [Indėlis: 1,000]

MOKSLO MONOGRAFIJOS IR JŲ DALYS

Tarptautiniu mastu pripažintose leidyklose

1. [Y1; CH] **Ravikumar, Preethi**. Investigation of aerosol particle filtration efficiency using polycarbonate electrospun nanofibers over 3D printed support // Sustainable environmental remediation: avenues in nano and biotechnology / Aravind Jeyaseelan, Kamaraj Murugasen (eds). Cham : Springer, 2025. ISBN 9783031784828. eISBN 9783031784835. p. 267-283. (Environmental science and engineering, ISSN 1863-5520, eISSN 1863-5539). DOI: 10.1007/978-3-031-78483-5_14. [Scopus] [M.kr.: T 004] [Indėlis: 1,000] [Indėlis autoriniais lankais: 1,214] [Dokumento autoriniai lankai: 1,214]
2. [Y1; CA] Belousov, George K.; Vaitusionak, Aliaksei A.; **Grazulevicius, Juozas Vidas**; Kostjuk, Sergei V. Alternating donor-acceptor copolymers as through-space charge-transfer thermally activated delayed fluorescence emitters for solution-processable OLEDs: synthesis, theoretical study, and application // Advanced topics in polymer chemistry and materials science / edited By Tamara Tatrishvili, Marc Jean Médard Abadie. Burlington, ON : Apple academic press; CRC press, 2025, pt. 2, ch. 6. ISBN 9781774919385. eISBN 9781003594871. p. 71-89. [Scopus] [M.kr.: T 005] [Indėlis: 0,250] [Indėlis autoriniais lankais: 0,339] [Dokumento autoriniai lankai: 1,357]
3. [Y1; CH] **Imamou Hassani, Mouandhe**; Shreya, Saha; **Jūrienė, Laura**; Doli, Saikia; **Bilgin, Hakki**. Citrus food waste is a valuable source of bioactive components and application in the food industry // Valorization of citrus food waste / A. Chauhan, F. Islam, A. Imran, J.S. Aswal (eds.). Cham : Springer, 2025. ISBN 9783031779985. eISBN 9783031779992. p. 161-177. DOI: 10.1007/978-3-031-77999-2_9. [Scopus] [M.kr.: T 005] [Indėlis: 0,600] [Indėlis autoriniais lankais: 0,728] [Dokumento autoriniai lankai: 1,214]
4. [Y1; NL] Kavetsky, Taras; Zubrytska, Oksana; Stievenard, Martin; Šauša, Ondrej; Švajdlenková, Helena; Soloviev, Volodymyr; Bielinskyi, Andrii; **Ostrauskaitė, Jolita**; Kiv, Arnold. Complex network methods, PALS, ATR-FTIR and EPR study of photopolymerization // Nanotechnological advances in environmental, cyber and CBRN security / P. Petkov, M.E. Achour, C. Popov (eds.). Dordrecht : Springer Nature, 2025, ch. 19. ISBN 9789402423150. eISBN 9789402423167. p. 265-284. (NATO Science for peace and security series B: Physics and biophysics, ISSN 1874-6500, eISSN 1874-6535). DOI: 10.1007/978-94-024-2316-7_19. [Scopus] [M.kr.: T 005] [Indėlis: 0,111] [Indėlis autoriniais lankais: 0,159] [Dokumento autoriniai lankai: 1,429]
5. [Y1; NL] Kiv, Arnold; Soloviev, Volodymyr; Tuzhykov, Andrii; Kavetsky, Taras; Hoivanovych, Natalia; Šauša, Ondrej; Rusnák, Jaroslav; Švajdlenková, Helena; **Ostrauskaitė, Jolita**; Bielinskyi, Andrii; Slusarenko, Mykola. Machine learning interatomic potentials and orientational defects in polymers // Nanotechnological

advances in environmental, cyber and CBRN security / P. Petkov, M.E. Achour, C. Popov (eds.). Dordrecht : Springer Nature, 2025, ch. 6. ISBN 9789402423150. eISBN 9789402423167. p. 91-104. (NATO Science for peace and security series B: Physics and biophysics, ISSN 1874-6500, eISSN 1874-6535). DOI: 10.1007/978-94-024-2316-7_6. [Scopus] [M.kr.: T 005] [Indėlis: 0,090] [Indėlis autoriniais lankais: 0,090] [Dokumento autoriniai lankai: 1,000]

PATENTAI IR PATENTINĖS PARAIŠKOS

EPO, USPTO, JPO patentų tarnybose įregistruoti patentai

1. [N1b; US; OA] **Šackus, Algirdas (autorius, išradimo); Arbaciauskiene, Egle (autorius, išradimo); Varvuolyte, Gabriele (autorius, išradimo); Krikštolaityte, Sonata (autorius, išradimo); Kleiziene, Neringa (autorius, išradimo); Bieliauskas, Aurimas (autorius, išradimo);** Kryštof, Vladimir (autorius, išradimo); Reznickova, Eva (autorius, išradimo); Vojackova, Veronika (autorius, išradimo); Žukauskaite, Asta (autorius, išradimo). 1,1-Dimethyl-2-[(E)-2-phenylethenyl]-1H-benzo[e]indole derivatives and uses thereof / inventors: A. Šackus, E. Arbaciauskiene, G. Varvuolyte, S. Krikštolaityte, et al.; assignees: Kaunas University of Technology, Palacky University Olomouc. US 12503437 B2. 2025-12-23. [Espacenet] [M.kr.: N 003] [Indėlis: 0,600]
2. [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 7768643 B2. 2025-11-12. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]
3. [N1a; 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 / inventors: R. Keruckiene, M. Stanitska, J. Grazulevicius, D. Volyniuk, A. Marsalka, O. Bezvikonnyi, J. Simokaitiene, R. Butkute, A. Dabuliene, E. Skuodis; proprietor: Kaunas University of Technology. EP 4450588 B1. 2025-09-24. [Espacenet] [M.kr.: T 005] [Indėlis: 0,900]
4. [N1a; DE; OA] **Ravikumar, Preethi (autorius, išradimo); Tichonovas, Martynas (autorius, išradimo); Kauneliene, Violeta (autorius, išradimo); Dabasinskaite, Lauryna (autorius, išradimo); Krugly, Edvinas (autorius, išradimo); Martuzevicius, Dainius (autorius, išradimo); Prasauskas, Tadas (autorius, išradimo).** Nano/micro composite fibrous filter for sampling aerosol particles and production method thereof / inventors: P. Ravikumar, M. Tichonovas, V. Kauneliene, L. Dabasinskaite, E. Krugly, D. Martuzevicius, T. Prasauskas; proprietor: Kaunas University of Technology. EP 4194596 B1. 2025-08-13. [Espacenet] [M.kr.: T 004] [Indėlis: 1,000]
5. [N1b; US; 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. US 12317741 B2. 2025-05-27. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]
6. [N1c; JP; OA] **Magomedov, Artiom (autorius, išradimo); Al-Ashouri, Amran (autorius, išradimo); Kasparavicius, Ernestas (autorius, išradimo);** Albrecht, Steve (autorius, išradimo); **Getautis, Vytautas (autorius, išradimo);** Jost, Marko (autorius, išradimo); **Malinauskas, Tadas (autorius, išradimo);** Kegelmann, Lukas (autorius, išradimo); Köhnen, Eike (autorius, išradimo). Hole-transporting self-organised monolayer for perovskite solar cells / inventors: A. Magomedov, A. Al-Ashouri, E. Kasparavicius, S. Albrecht, V. Getautis, M. Jost, T. Malinauskas, L. Kegelmann, E. Köhnen; applicants: Helmholtz-Zentrum Berlin für Materialien und Energie, Kaunas University of Technology. JP 7663191 B2. 2025-04-16. [Espacenet] [M.kr.: N 003] [Indėlis: 0,445]
7. [N1b; US; OA] **Magomedov, Artiom (autorius, išradimo); Al-Ashouri, Amran (autorius, išradimo); Kasparavicius, Ernestas (autorius, išradimo);** Albrecht, Steve (autorius, išradimo); **Getautis, Vytautas (autorius, išradimo);** Jost, Marko (autorius, išradimo); **Malinauskas, Tadas (autorius, išradimo);** Kegelmann, Lukas (autorius, išradimo); Köhnen, Eike (autorius, išradimo). Hole-transporting self-organized monolayer for perovskite solar cells / inventors: A. Magomedov, A. Al-Ashouri, E. Kasparavicius, S. Albrecht, V. Getautis, M. Jost, T. Malinauskas, L. Kegelmann, E. Köhnen; applicants: Helmholtz-Zentrum Berlin für Materialien und Energie GmbH, Kaunas University of Technology. US 12207546 B2. 2025-01-21. [Espacenet] [M.kr.: N 003]

Lietuvos Respublikos valstybiniame patentų biure įregistruoti patentai

1. [N1e; LT; OA] **Rubinitė, Dovilė (autorius, išradimo); Šiaučiūnas, Raimundas (autorius, išradimo); Dambrauskas, Tadas (autorius, išradimo); Eisinis, Anatolijus (autorius, išradimo)**. Pelenų portlandcemenčio kompozicija / išradėjai: D. Rubinitė, R. Šiaučiūnas, T. Dambrauskas, A. Eisinis; savininkas: Kauno technologijos universitetas. LT 7167 B. 2025-11-10. [Lietuvos Respublikos patentų duomenų bazė; Espacenet] [M.kr.: T 005] [Indėlis: 1,000]
2. [N1e; LT; OA] **Vaičiukynienė, Danutė (autorius, išradimo); Tamošaitis, Gintautas (autorius, išradimo); Nizevičienė, Dalia (autorius, išradimo); Kantautas, Aras (autorius, išradimo); Villalon Forne, Ignacio (autorius, išradimo); Boiko, Olha (autorius, išradimo)**. Plieninės armatūros antikorozinės dangos kompozicija ir gamybos būdas / išradėjai: D. Vaičiukynienė, G. Tamošaitis, D. Nizevičienė, A. Kantautas, I.V. Forne, O. Boiko; savininkas: Kauno technologijos universitetas. LT 7153 B. 2025-08-11. [Lietuvos Respublikos patentų duomenų bazė; Espacenet] [M.kr.: T 002] [Indėlis: 0,166]

EPO, USPTO, JPO patentų tarnybose įregistruotos patentinės paraiškos

1. [N2c; JP; OA] **Getautis, Vytautas (autorius, išradimo); Svirskaitė, Lauryna Monika (autorius, išradimo); Malinauskas, Tadas (autorius, išradimo); Magomedov, Artiom (autorius, išradimo); De Wolf, Stefaan (autorius, išradimo); Azmi, Randi (autorius, išradimo)**. Electron transporting self-assembling monolayer compound for use in optoelectronic and/or photoelectrochemical devices and manufacture thereof : Japan patent application / inventors: V. Getautis, L.M. Svirskaitė, T. Malinauskas, A. Magomedov, S. De Wolf, R. Azmi; applicants: Kaunas University of Technology, King Abdullah University of Science and Technology. JP 2025112277 A. 2025-07-31. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]
2. [N2b; US; OA] **Getautis, Vytautas (autorius, išradimo); Svirskaitė, Lauryna Monika (autorius, išradimo); Malinauskas, Tadas (autorius, išradimo); Magomedov, Artiom (autorius, išradimo); De Wolf, Stefaan (autorius, išradimo); Azmi, Randi (autorius, išradimo)**. Electron transporting self-assembling monolayer compound for use in optoelectronic and/or photoelectrochemical devices and manufacture thereof : United States patent application / inventors: V. Getautis, L.M. Svirskaitė, T. Malinauskas, A. Magomedov, S. De Wolf, R. Azmi; applicants: Kaunas University of Technology, King Abdullah University of Science and Technology. US 2025241109 A1. 2025-07-24. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]
3. [N2a; DE; OA] **Getautis, Vytautas (autorius, išradimo); Svirskaitė, Lauryna Monika (autorius, išradimo); Malinauskas, Tadas (autorius, išradimo); Magomedov, Artiom (autorius, išradimo); De Wolf, Stefaan (autorius, išradimo); Azmi, Randi (autorius, išradimo)**. Electron transporting self-assembling monolayer compound for use in optoelectronic and/or photoelectrochemical devices and manufacture thereof : European patent application / inventors: V. Getautis, L.M. Svirskaitė, T. Malinauskas, A. Magomedov, S. De Wolf, R. Azmi; applicants: Kaunas University of Technology, King Abdullah University of Science and Technology. EP 4590099 A1. 2025-07-23. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]
4. [N2b; US; OA] **Šackus, Algirdas (autorius, išradimo); Arbaciauskiene, Egle (autorius, išradimo); Varvuolyte, Gabriele (autorius, išradimo); Krikštolaityte, Sonata (autorius, išradimo); Kleizienė, Neringa (autorius, išradimo); Bieliauskas, Aurimas (autorius, išradimo); Kryštof, Vladimir (autorius, išradimo); Reznickova, Eva (autorius, išradimo); Vojackova, Veronika (autorius, išradimo); Žukauskaite, Asta (autorius, išradimo)**. 1,1-Dimethyl-2-[(E)-2-phenylethenyl]-1H-benzo[e]indole derivatives and uses thereof : United States patent application / inventors: A. Šackus, E. Arbaciauskiene, G. Varvuolyte, S. Krikštolaityte, et al.; applicants: Kaunas University of Technology, Palacký University Olomouc. US 2025066301 A1. 2025-02-27. [Espacenet] [M.kr.: N 003] [Indėlis: 0,600]
5. [N2b; US; OA] **Leskauskaitė, Daiva (autorius, išradimo); Šipailienė, Aušra (autorius, išradimo); Eisinaitė, Viktorija (autorius, išradimo); Syrpas, Michail (autorius, išradimo)**. Co-encapsulated probiotics and prebiotic dietary fibers in food grade multiphase gel system and use thereof in fatty products : United States patent application / inventors: D. Leskauskaitė, A. Šipailienė, V. Eisinaitė, M. Syrpas; applicants: Kaunas University of Technology. US 2025049875 A1. 2025-02-13. [Espacenet] [M.kr.: T 005] [Indėlis: 1,000]

Kitose užsienio šalių patentų tarnybose įregistruotos patentinės paraiškos

1. [N2d; CN; OA] **Getautis, Vytautas (autorius, išradimo); Svirskaitė, Lauryna Monika (autorius, išradimo); Malinauskas, Tadas (autorius, išradimo); Magomedov, Artiom (autorius, išradimo);** De Wolf, Stefaan (autorius, išradimo); Azmi, Randi (autorius, išradimo). Electron transport self-assembled monolayer compounds for optoelectronic and/or photoelectrochemical devices and manufacture thereof : China patent application / inventors: V. Getautis, L.M. Svirskaitė, T. Malinauskas, A. Magomedov, S. De Wolf, R. Azmi; applicants: Kaunas University of Technology, King Abdullah University of Science and Technology. CN 120329352 A. 2025-07-18. [Espacenet] [M.kr.: N 003] [Indėlis: 0,668]

Lietuvos Respublikos valstybiniame patentų biure įregistruotos patentinės paraiškos

1. [N2e; LT; OA] **Rubinitė, Dovilė (autorius, išradimo); Šiaučiūnas, Raimundas (autorius, išradimo); Dambrauskas, Tadas (autorius, išradimo); Eisinis, Anatolijus (autorius, išradimo).** Pelenų portlandcemenčio kompozicija / išradėjai: D. Rubinitė, R. Šiaučiūnas, T. Dambrauskas, A. Eisinis; pareiškėjas: Kauno technologijos universitetas. LT 2024009 A. 2025-10-10. [Lietuvos Respublikos patentų duomenų bazė; Espacenet] [M.kr.: T 005] [Indėlis: 1,000]
2. [N2e; LT; OA] **Vaičiukynienė, Danutė (autorius, išradimo); Tamošaitis, Gintautas (autorius, išradimo); Nizevičienė, Dalia (autorius, išradimo); Kantautas, Aras (autorius, išradimo); Villalon Forne, Ignacio (autorius, išradimo); Boiko, Olha (autorius, išradimo).** Plieninės armatūros antikorozinės dangos kompozicija ir gamybos būdas : paraiškos aprašymas / išradėjai: D. Vaičiukynienė, G. Tamošaitis, D. Nizevičienė, A. Kantautas, I.V. Forne, O. Boiko; pareiškėjas: Kauno technologijos universitetas. LT 2023554 A. 2025-07-10. [Lietuvos Respublikos patentų duomenų bazė; Espacenet] [M.kr.: T 002] [Indėlis: 0,166]

STUDIJŲ IR MOKOMIEJI LEIDINIAI IR JŲ DALYS

Metodinės priemonės

1. [K2c; LT] **Šlinkšienė, Rasa; Jančaitienė, Kristina.** Handbook for laboratory works of physical chemistry 1 : metodinė priemonė. Kaunas : Technologija, 2025. 52 p. ISBN 9786090219140. eISBN 9786090219133. DOI: 10.5755/e01.9786090219133. [M.kr.: N 003] [Indėlis: 1,000] [Indėlis autoriniais lankais: 3,714] [Dokumento autoriniai lankai: 3,714]
2. [K2c; LT] **Bendoraitienė, Joana; Bučinskas, Audrius; Čekavičiūtė, Monika; Gražulevičius, Juozas Vidas; Rutkaitė, Ramunė; Tavgenienė, Daiva.** Polimerų chemijos ir technologijos laboratoriniai darbai : metodinė priemonė. Kaunas : Technologija, 2025. 113 p. ISBN 9786090218952. eISBN 9786090218945. DOI: 10.5755/e01.9786090218945. [M.kr.: T 005] [Indėlis: 1,000] [Indėlis autoriniais lankais: 8,000] [Dokumento autoriniai lankai: 8,000]
3. [Y8; CH; OA] **Stasiulaitienė, Inga;** Urbonavicius, Benas Gabrielis; Baryniene, Jurgita; Daunoriene, Asta. CBL meso-level frame case studies: case study nine: using CBL in a specific extra-curricular model // A practical guide to understanding and implementing challenge-based learning / Kenan Dikilitaş, Tim Marshall, Masoumeh Shahverdi. Cham : Palgrave Macmillan, 2025. ISBN 9783031670107. eISBN 9783031670114. p. 208-221. DOI: 10.1007/978-3-031-67011-4_6. [M.kr.: S 007] [Indėlis: 0,250] [Indėlis autoriniais lankais: 0,250] [Dokumento autoriniai lankai: 1,000]

MOKSLINIŲ TYRIMŲ REZULTATŲ SKELBIMAS KONFERENCIJOSE

Konferencijų pranešimų tezės tarptautinėse duomenų bazėse referuojamuose leidiniuose

1. [T1; LT] **Sargsyan, Svetlana; Stanitska, Mariia; Ghasemi, Melika; Keruckiene, Rasa; Volyniuk, Dmytro; Andruleviciene, Viktorija; Gražulevičius, Juozas Vidas.** Carbazolyl- and dibenzofuranyl-functionalized p-phenylenediamines as efficient hole-transporting materials for optoelectronics // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P62, p. 103. [Dimensions] [M.kr.: T 005]
2. [T1; LT] **Vaitusionak, Aliaksei A.;** Belavusau, Heorhi K.; Vasilenko, Irina V.; **Volyniuk, Dmytro;** Kostjuk, Sergei V.; **Gražulevičius, Juozas V.** Cationic and radical polymerization of 9-(4-vinylphenyl)carbazole and its derivatives // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P70, p. 113. [Dimensions] [M.kr.: T 005]

3. [T1; LT] **Stanitska, Mariia**; Deva, Lilija; Minaev, Boris; Minaeva, Valentyna; **Volyniuk, Dmytro**; Stakhira, Pavlo; **Grazulevicius, Juozas Vidas**. Derivatives of anthraquinone of A-D-D' structure exhibiting near-infrared (NIR) absorption for solution-processable photodetectors // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P51, p. 92. [Dimensions] [M.kr.: T 005]
4. [T1; LT] **Kaur, Khushdeep**; **Dabulienė, Asta**; **Grazulevicius, Juozas Vidas**. Design and development of asymmetric thiazolothiazole-based AIE(E)gens for modern optoelectronic devices // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P43, p. 84. [Dimensions] [M.kr.: T 005]
5. [T1; LT] **Abdella, Mohamed**; **Guzauskas, Matas**; **Simokaitienė, Jūratė**; **Grazulevicius, Juozas Vidas**. Design and evaluation of imidazole–fluorene-based luminophores for efficient blue OLED emission // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P54, p. 95. [Dimensions] [M.kr.: T 008]
6. [T1; LT] **Volyniuk, Dmytro**; Seibutytytė, Ugnė; **Ghasemi, Melika**; **Stanitska, Mariia**; **Grazulevicius, Juozas Vidas**. Developing efficient organic light-emitting diodes using bis(benzoyl)benzene-based emitters exhibiting thermally activated delayed fluorescence // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P29, p. 70. [Dimensions] [M.kr.: T 005]
7. [T1; LT] Kulikauskaitė, Beatričė; Zinovičius, Antanas; **Sapijanskaitė-Banevič, Birutė**; Mockaitis, Tomas; Ramanavičius, Arūnas. Development of a microbial biofuel cell using biocompatible nanocomposites // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P98, p. 143. [Dimensions] [M.kr.: N 003, N 002]
8. [T1; LT] **Bucinskas, Audrius**; **Bezvikonnyi, Oleksandr**; **Volyniuk, Dmytro**; **Grazulevicius, Juozas Vidas**. Development of new carbazole-based electroactive materials for OLEDs using RPA technology // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P28, p. 69. [Dimensions] [M.kr.: T 005]
9. [T1; LT] **Mohammed, Hamisu Aliyu**; **Andruleviciene, Viktorija**; **Guzauskas, Matas**; **Volyniuk, Dmytro**; Lin, Woon Kai; Ariffin, Azhar; **Grazulevicius, Juozas Vidas**. Donor-tuned triplet dynamics: from classical TADF to hot exciton emission with bipolar transport // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P38, p. 79. [Dimensions] [M.kr.: T 005]
10. [T1; LT] **Kalatozishvili, Akaki**; **Simokaitienė, Jūratė**; **Volyniuk, Dmytro**; Lazauskas, Algirdas; **Grazulevicius, Juozas Vidas**. Effect of substituents and trap sites on hole-transporting properties of the derivatives of triazatruxene // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P23, p. 64. [Dimensions] [M.kr.: T 005, T 008]
11. [T1; LT] **Žitinevičiūtė, Milda**; **Steponaitis, Matas**. Influence of organic dye structures on charge transport in perovskite solar cells // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P106, p. 151. [Dimensions] [M.kr.: N 003]
12. [T1; LT] **Volyniuk, Lesia**; Kulszewicz-Bajer, Irena; **Ghasemi, Melika**; **Volyniuk, Dmytro**; **Bucinskas, Audrius**; **Grazulevicius, Juozas Vidas**. Investigation of 2,1,3-benzothiadiazole-based compounds exhibiting far-red thermally activated delayed fluorescence // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P47, p. 88. [Dimensions] [M.kr.: T 008, T 005]
13. [T1; LT] Kuzyk, Nataliia; Ivaniuk, Khrystyna; Stakhira, Pavlo; **Abdella, Mohamed**; **Simokaitienė, Jūratė**; **Volyniuk, Dmytro**; **Grazulevicius, Juozas Vidas**. Investigation of derivatives of benzothiadiazole and fluorene for multifunctional applications in organic electronics // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P56, p. 97. [Dimensions] [M.kr.: T 008]
14. [T1; LT] **Kimpel, Alena**; **Stanitska, Mariia**; **Bezvikonnyi, Oleksandr**; **Grazulevicius, Juozas Vidas**. Isophthaloylbis(dibenzothiophene)-cored donor– acceptor–donor compounds as promising triplet emitters for organic optoelectronics // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P25, p. 66. [Dimensions] [M.kr.: T 005]
15. [T1; LT] **Dargyte, Kamile**; **Sarapajevaite, Gabriele**; **Turilinaite, Lidija**; **Lukosiunas, Jokubas**; **Baniukaitienė, Odeta**; **Dambrauskas, Tadas**. Microwave-assisted synthesis of iron-doped carbonated

hydroxyapatite // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P69, p. 111. [Dimensions] [M.kr.: N 005, N 003]

16. [T1; LT] **Simokaitiene, Jurate; Abdella, Mohamed; Guzauskas, Matas; Dabulienė, Asta; Keruckiene, Rasa; Gražulevičius, Juozas Vidas.** Multifunctional quinoxaline-based triplet emitters exhibiting room temperature phosphorescence and white electroluminescence // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P41, p. 82. [Dimensions] [M.kr.: T 005]
17. [T1; LT] **Gužauskas, Matas; Lekavičius, Domantas; Keruckienė, Rasa; Gražulevičius, Juozas Vidas.** New pyrido-pyrazines take the stage, for efficient TADF in this OLED age // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P52, p. 93. [Dimensions] [M.kr.: T 005]
18. [T1; LT] **Blazevicius, Dovydas; Beresneviciute, Raminta; Tavgenienė, Daiva; Grigalevicius, Saulius; Ju, Wanting; Gan, Xiangqin; Ding, Junqiao.** Novel 3-(diphenylamino)carbazole-based compounds as multi-channel green TADF emitters // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P32, p. 73. [Dimensions] [M.kr.: N 003]
19. [T1; LT] **Dambrauskas, Tadas; Savickaite, Brigita;** Zvicevicius, Egidijus; Ziura, Kestutis; Padgurskas, Juozas. Production of biochar from cotton waste // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P88, p. 132. [Dimensions] [M.kr.: T 005]
20. [T1; LT] **Puidokas, Giedrius; Berenis, Domantas; Kreiza, Gediminas; Banevičius, Dovydas; Bagdonas, Kristupas; Butkutė, Rita;** Kazlauskas, Karolis. Search for high triplet energy hosts for stable blue TADF OLEDs // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P35, p. 76. [Dimensions] [M.kr.: T 005, N 002]
21. [T1; LT] **Mačionis, Simas;** Vardanyan, Shushana; **Simokaitienė, Jūratė; Gražulevičius, Juozas Vidas.** Synthesis and investigation of phenoxazine-based derivatives as potential emitters for organic light-emitting diodes // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P60, p. 101. [Dimensions] [M.kr.: T 005]
22. [T1; LT] **Ghasemi, Melika;** Cameron, Joseph; Woon, K. Lin; **Volyniuk, Dmytro;** Skabara, Peter J.; **Gražulevičius, Juozas Vidas;** Sini, Gjergji. Tunable emission and charge-transporting properties of a carbazole-triazine derivative for high-efficiency red OLEDs // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P53, p. 94. [Dimensions] [M.kr.: T 005]
23. [T1; LT] **Melnykov, Serhii; Volyniuk, Lesia;** Arsenyan, Pavel; **Bezvikonnyi, Oleksandr; Volyniuk, Dmytro; Gražulevičius, Juozas Vidas;** Stakhira, Pavlo. Using single-component emitters for down-converting WLEDs application // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P59, p. 100. [Dimensions] [M.kr.: T 008, T 005]
24. [T1; LT] **Deva, Lilija; Stakhira, Pavlo; Yaremchuk, Iryna; Kanibolotska, Lyudmyla; Kanibolotskyy, Oleksandr; Skabara, Peter; Volyniuk, Dmytro; Gražulevičius, Juozas Vidas.** White organic light-emitting diodes with multilayer exciton-confinement architecture employing 2,1,3-benzothiadiazole-fluorene-based red emitters // Advanced materials and technologies: book of abstracts of 27th international conference-school, 25-29 August 2025, Palanga, Lithuania. Kaunas : Kaunas University of Technology. ISSN 2669-1930. 2025, P48, p. 89. [Dimensions] [M.kr.: T 005]
25. [T1; NL; OA] **Kutraite, I.; Augustiniene, E.; Malys, N.** Chemolithoautotrophic bacterium-based gentisic acid-inducible biosensors: characterization, development, and application // New biotechnology. Amsterdam : Elsevier. ISSN 1871-6784. eISSN 1876-4347. 2025, vol. 85, FBI-009, p. 158. DOI: 10.1016/j.nbt.2024.08.182. [Science Citation Index Expanded (Web of Science)] [M.kr.: N 003, T 005]
26. [T1; GB] **Bakutyte, Ieva; Kugaudaite, Gabija; Bernotienė, Eiva; Bagdonas, Edvardas; Pachaleva, Jolita; Vaiciuleviciute, Raminta; Lebedis, Ignas; Kvederas, Giedrius; Uzieliene, Ilona.** Menstrual blood-derived mesenchymal stromal cell extracellular vesicles stimulate stem cell and chondrocyte functions and diminish cartilage degradation in vitro // Osteoarthritis and cartilage. London : Elsevier. ISSN 1063-4584. eISSN 1522-9653. 2025, vol. 33, iss. 6, abstract no. 791, p. 788-789. DOI: 10.1016/j.joca.2025.03.038. [Science Citation Index Expanded (Web of Science)] [M.kr.: M 001, T 004]
27. [T1; LT] **Užupis, Marius; Syrpas, Michail; Kitrytė-Syrpa, Vaida.** Accelerated solvent extraction for the isolation of antioxidant-rich fractions from Asteraceae medicinal plants grown in Lithuania // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, OP6, p. 16. [Dimensions] [M.kr.: T

28. [T1; LT] **Mamonaitė, Ugnė; Pukalskienė, Milda**. Advanced optimization of enzyme assisted extraction parameters to maximize recovery of bioactive compounds from black currant skin pomace // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP9, p. 46. [Dimensions] [M.kr.: T 005]
29. [T1; LT] **Minelgaitė, Vidmantė; Jeznienė, Sigita; Varnaitė-Kapočė, Laurita; Leskauskaitė, Daiva**; Budrienė, Vida Audra; Jonušas, Arūnas; **Šipailienė, Aušra**. Assessing the prebiotic potential of non-psychoactive cannabinoids and hemp waste // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, OP7, p. 17. [Dimensions] [M.kr.: T 005]
30. [T1; LT] **Žaldokaitė, Beatričė; Pukalskienė, Milda**. Assessment of α -amylase and α -glucosidase inhibition by bark extracts of *Viburnum opulus* // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP21, p. 58. [Dimensions] [M.kr.: T 005]
31. [T1; LT; OA] **Babayeva, Narmin; Pukalskienė, Milda**; Queiroz, Sales. Biorefinery of brewer’s spent grain for the recovery of nutritionally valuable proteins and phenolic compounds // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP12, p. 49. [Dimensions] [M.kr.: T 005]
32. [T1; LT] **Abbas, Sana; Venskutonis, Petras Rimantas**. Biorefining of *Paeonia officinalis* and *Paeonia anomala* leaves and roots by consecutive extraction with supercritical CO₂ and increasing polarity pressurized solvents // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP10, p. 47. [Dimensions] [M.kr.: T 005]
33. [T1; LT] **Karalius, Vilius; Kraujalis, Paulius; Venskutonis, Petras Rimantas**. Chemical composition and properties determination of rose hip (*Rosa rugosa*) pomace and seeds extracts obtained by conventional and highpressure extraction techniques // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP18, p. 55. [Dimensions] [M.kr.: T 005]
34. [T1; LT] **Ginkutė, Julija; Užupis, Marius; Syrpas, Michail; Kitrytė-Syrpa, Vaida**. Comparison of classical and modern extraction techniques for recovering antioxidant compounds from bogbean (*Menyanthes trifoliata*) leaves // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP7, p. 44. [Dimensions] [M.kr.: T 005]
35. [T1; LT] **Imamou Hassani, Mouandhe; Juriene, Laura; Venskutonis, Petras Rimantas**. Converting hempseed by-products into value added functional food ingredients by consecutive supercritical CO₂ and pressurized liquid extractions // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP13, p. 50. [Dimensions] [M.kr.: T 005]
36. [T1; LT] **Bartkuvienė, Ieva; Eisinaitytė, Viktorija**; Golge, Evren; Petrikaitė, Vilma; **Leskauskaitė, Daiva**. Design, characterization, and digestibility of plant-based emulsion-filled gels for dysphagia diets // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP4, p. 41. [Dimensions] [M.kr.: T 005, N 004]
37. [T1; LT] **Varnaitė-Kapočė, Laurita; Kabalinaitė, Brigita**; Petrikaitė, Vilma; Gölge, Evren; **Šipailienė, Aušra; Leskauskaitė, Daiva**. Design of double emulsion gels loaded with *Lactiplantibacillus plantarum* subsp. *plantarum* to enhance their survival during processing and in vitro digestion // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP4, p. 63. [Dimensions] [M.kr.: T 005, N 004]
38. [T1; LT] **Abbas, Tasawar**. Development of safer food production systems by invigorating potential of natural forces of rhizobacteria for pest reduction in crops // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, OP4, p. 29. [Dimensions] [M.kr.: T 005]
39. [T1; LT] **Kalinauskaitė, Kornelija; Jūrienė, Laura**. Evaluation of physicochemical and antioxidant properties of *Pyrus communis* 'Alexander Lucas' pear juice and its application in mead distillate production // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP15, p. 74. [Dimensions] [M.kr.: T 005]
40. [T1; LT] **Bilgin, Hakki; Šipailienė, Aušra; Kitryte-Syrpa, Vaida; Syrpas, Michail**. Evaluation of pretreatment processes toward fermentation of *Chlorella vulgaris* for food and nutraceutical applications // FoodBalt – 2025:

18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP8, p. 67. [Dimensions] [M.kr.: T 005]

41. [T1; LT] **Mikailaitė, Gabija; Vinauskienė, Rimantė**. Evaluation of the protein concentration of faba bean on the functional properties of meat systems // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP19, p. 78. [Dimensions] [M.kr.: T 005]
42. [T1; LT] **Gambarova, Natavan; Užupis, Marius; Syrpas, Michail; Baniukaitienė, Odeta; Kitrytė-Syrpa, Vaida**. Functional properties and application possibilities of crude and fractionated *Menyanthes trifoliata* L. extracts // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP11, p. 48. [Dimensions] [M.kr.: T 005]
43. [T1; LT] **Kojelis, Jokūbas; Baranauskienė, Renata; Venskutonis, Petras Rimantas; Jūrienė, Laura**. Hydrodistillation and supercritical CO extraction of scots pine (*Pinus sylvestris*) needles: Seasonal variability in volatile composition in the vicinity of Vilnius // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP19, p. 56. [Dimensions] [M.kr.: T 005]
44. [T1; LT] **Miklaševičiūtė, Monika; Vinauskienė, Rimantė**. Influence of pea protein products and their different concentrations on the characteristics of chicken meat model systems // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP18, p. 77. [Dimensions] [M.kr.: T 005]
45. [T1; LT] **Jovaišaitė, Jovita; Jūrienė, Laura; Markevičius, Vytenis; Jankevičiūtė, Silvija; Szczeblewski, Paweł; Kukuła-Koch, Wirginia; Venskutonis, Petras Rimantas**. Isolation and characterization of bioactive compounds from *Vincetoxicum* plants for therapeutic applications // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP8, p. 45. [Dimensions] [M.kr.: T 005, N 004]
46. [T1; LT] **Pocevičienė, Indrė; Jūrienė, Laura; Pukalskienė, Milda; Baranauskienė, Renata; Venskutonis, Petras Rimantas**. Multi-stage extraction and transformation of blackcurrant skin phytochemicals // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, OP10, p. 36. [Dimensions] [M.kr.: T 005]
47. [T1; LT] **Michalkevičius, Rytis; Bašinskienė, Loreta**. Oil/water emulsion enriched with blackcurrant pomace for reduction of saturated fat in biscuits // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP11, p. 70. [Dimensions] [M.kr.: T 005]
48. [T1; LT] **Aleknavičienė, Estidė; Syrpas, Michail**. Optimizing cider fermentation: Influence of yeast strains and process parameters on flavor and quality // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, OP3, p. 23. [Dimensions] [M.kr.: T 005]
49. [T1; LT] **Aboobacker, Shahana; Šipailienė, Aušra; Kitrytė-Syrpa, Vaida; Syrpas, Michail**. Physicochemical changes in phycobiliprotein-rich extracts from *Arthrospira platensis* during fermentation with lactic acid bacteria and evaluation of their antibacterial activity // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP7, p. 66. [Dimensions] [M.kr.: T 005]
50. [T1; LT] **Čepauskė, Goda; Venskutonis, Petras Rimantas; Jūrienė, Laura; Pukalskienė, Milda; Ragažinskienė, Ona**. Preliminary evaluation of mandrake (*Mandragora officinarum* L.) as a possible source of ingredients for nutraceuticals // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, OP5, p. 15. [Dimensions] [M.kr.: T 005]
51. [T1; LT] **Dyglė, Gintarė; Eisinaitytė, Viktorija; Leskauskaitė, Daiva**. Preparation and characterization of agar-based fluid gels as a potential dysphagia food // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, OP1, p. 10. [Dimensions] [M.kr.: T 005]
52. [T1; LT] **Augustinaitytė, Laura; Venskutonis, Petras Rimantas; Pukalskienė, Milda**. Process optimization of pectin extraction by conventional acid hydrolysis from black currant (*Ribes nigrum* L.) pomace // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP6, p. 43. [Dimensions] [M.kr.: T 005]
53. [T1; LT] **Nazariants, Oleksandr; Syrpas, Michail**. Sensory and volatile compound analysis of Michelada-style beer cocktails // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future

- food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP2, p. 61. [Dimensions] [M.kr.: T 005]
54. [T1; LT] **Gaižauskaitė, Žydrūnė; Žadeikė, Daiva.** Sugar beet pulp as a basic substrate for fungal protein biomass production under semi-solid fermentation // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP6, p. 65. [Dimensions] [M.kr.: T 005]
 55. [T1; LT] **Šimkutė, Simona; Bašinskienė, Loreta; Syrpas, Michail; Degutytė, Rimigailė; Čizeikienė, Dalia.** Technological properties and composition of enzymatically modified lingonberry (*Vaccinium vitis-idaea* L.) pomace // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP15, p. 52. [Dimensions] [M.kr.: T 005]
 56. [T1; LT] **Čipkutė, Kamilė; Žadeikė, Daiva.** The use of the lactic acid fermentation and ultrasound on gluten protein degradation in whole wheat sourdough // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP10, p. 69. [Dimensions] [M.kr.: T 005]
 57. [T1; LT] **Klizaitė, Margarita; Pukalskienė, Milda; Venskutonis, Petras Rimantas; Jūrienė, Laura.** Valorization of Camelina sativa seed press cake: extraction and bioactive compound profiling // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP14, p. 51. [Dimensions] [M.kr.: T 005]
 58. [T1; LT] **Pauliukaitytė, Ingrida; Krugly, Edvinas; Martuzevičius, Dainius; Čiužas, Darius.** Zein microfibre scaffolds for cultivated meat // FoodBalt – 2025: 18th Baltic conference on food science and technology “Food R&D for future food“, 22-23 May 2025, Kaunas, Lithuania: abstract book. Kaunas : Technologija. ISSN 3030-2390. 2025, PP5, p. 42. [Dimensions] [M.kr.: T 004]
 59. [T1; US] **Baniukaitienė, Odeta; Pupiute, Aiste; Krugly, Edvinas; Ciužas, Darius; Lukosiunas, Jokubas; Martuzevicius, Dainius;** Bernotienė, Eiva; Bagdonas, Edvardas; Ragauskas, Tomas; Žemaitienė, Vaiga. Multi-component system for enhanced osteochondral tissue engineering // Tissue engineering Part A: TERMIS-EU Congress 2025: 20-23 May 2025, Freiburg, Germany. Thousand Oaks, CA : SAGE. ISSN 1937-3341. eISSN 1937-335X. 2025, vol. 31, iss. 11-12, TERMIS25_1293, e397. [Science Citation Index Expanded (Web of Science)] [M.kr.: N 003, T 004, M 001]
 60. [T1; LT; OA] **Kaleininkaitė, Guostė; Durgaryan, Ranush; Daškevičienė, Marytė; Getautis, Vytautas; Yang, Bowen; Magomedov, Artiom.** 2,1,3-benzotiadiazolo pagrindo savitvarkius monosluoksnius formuojančių junginių sintezė ir tyrimas // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 36. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
 61. [T1; LT; OA] **Pranaitytė, Guoda; Grybaitė, Birutė.** 3-[(2,4-difluorfenil)amino]propano rūgšties darinių sintezė ir cheminės savybės // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 69-70. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
 62. [T1; LT; OA] **Talačkaitė, Simona; Šermukšnytė, Aida; Kantminienė, Kristina; Jonuškienė, Ilona; Tumosienė, Ingrida.** 5-chlorpiridin-2-il fragmentą turinčių n-pakeistų karbohidrazidų sintezė ir biologinio aktyvumo vertinimas // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 78-79. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005, N 003]
 63. [T1; LT; OA] **Marapolskis, A.; Keruckienė, R.; Gražulevičius, J.V.** 9,10-dihidroakridanil fragmentus turinčių elektroaktyvių organinių spindulių sintezė ir savybės // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 52. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
 64. [T1; LT; OA] **Kleinauskas, Ričardas; Eisinas, Anatolijus.** Amorfinio TiO₂ priedo įtaka sintetinio girolito struktūros stabilumui hidroterminėmis sąlygomis // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 39. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
 65. [T1; LT; OA] **Gliaudytė, Laura.** Antibakterinių tinkų su sluoksniuotais dvigubais hidroksidais kūrimas ir apibūdinimas // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 32. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
 66. [T1; LT; OA] **Matijūnas, Mindaugas; Ivanauskas, Remigijus.** Biological heavy metal filter utilizing the protozoan tetrahymena thermophila bioaccumulation properties // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 58. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]

67. [T1; LT; OA] **Kovševič, Arnas**; Žukauskaitė, Asta; **Kederienė, Vilija**. Ciklinių indolo darinių sintezė ir savybių tyrimai // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 42. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
68. [T1; LT; OA] **Družaitė, Paulina**; **Martuzevičius, Dainius**; Lu, Ming-Chun. Degradation reactive black 5 dye in water via persulfate-activated Ni-Cu catalysts // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 29. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 004]
69. [T1; LT; OA] **Naghizade, R.**; **Kalatozishvili, A.**; **Keruckienė, R.**; **Gražulevičius, J.V.** Derivatives of 2,7-dibromo-9,9-dimethyl-9h-fluorene and 2,7-dibromo-9,9-spirobifluorene as electroactive materials // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 63. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
70. [T1; LT; OA] Kulikauskaitė, Beatričė; Zinovičius, Antanas; **Sapijanskaitė-Banevič, Birutė**; Mockaitis, Tomas; Ramanavičius, Arūnas. Development of a microbial biofuel cell using biocompatible nanocomposites // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 44-45. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
71. [T1; LT; OA] **Bašinskaitė, Rugilė**; **Baniukaitienė, Odeta**; **Jašinskaitė, Goda**; **Puplūtė, Aistė**. Dv sluoksnės polimerinės membranos funkcinei kosmetikai // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 21. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
72. [T1; LT; OA] **Maryam, Tabita**; **Jonuškienė, Ilona**; **Stankevičienė, Rima**; **Tumosienė, Ingrida**; **Kantminienė, Kristina**. Evaluation and comparison of antioxidant and antibacterial activity in lavender and sage callus cultures in vitro // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 53. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005, N 003]
73. [T1; LT; OA] **Mamonaitė, Ugnė**; **Pukalskienė, Milda**. Fermentinės hidrolizės proceso parametrų optimizavimas, siekiant padidinti biologiškai aktyvių junginių ekstrakcijos efektyvumą iš juodųjų serbentų išspaudų // Chemistry and chemical technology 2025: student scientific conference, Vilnius, May 9, 2025. Vilnius : Vilnius University press. ISSN 2538-7332. 2025, p. 47. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
74. [T1; LT; OA] **Melnikas, Aistis**; Gonzalez, Yudania Sanchez; Pakstas, Vidas; **Zalenkiene, Skirma**; **Bronusiene, Asta**. Green semiconductors: synthesis and analysis of indium sulfide thin films // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 55. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
75. [T1; LT; OA] **Ashraf, Madiha**; **Jonuškienė, Ilona**; **Stankevičienė, Rima**; **Petrašauskienė, Neringa**. Green synthesis and characterization of silver nanoparticles using Hypericum perforatum l. extracts // Chemistry and chemical technology 2025: student scientific conference, 9 May 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 18-21. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
76. [T1; LT; OA] **Užupytė, Agnė**; **Arbačiauskienė, Eglė**; **Šačkus, Algirdas**. Imodazopirazolooksazepinai: potencialiaibiologiškai aktyvių molekulių sintezė // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 80. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
77. [T1; LT; OA] **Mikučiūnaitė, Justina**; **Rakštys, Kasparas**. Izotiuironio druskų, turinčių fosfonrūgšties arba karboksirūgšties inkarinę grupę, sintezė ir taikymas perovskitiniuose saulės elementuose // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 56-57. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
78. [T1; LT; OA] **Matutytė, Neringa**; **Kybartienė, Nora**. Kavos tirščių ir vandens kiekio įtaka β-pushidračio gipso stipriui gniuždant // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 54. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
79. [T1; LT; OA] **Mockutė, Emilija**; Reškevičius, Povilas; **Urnicežaitė, Inga**. Ketvirtinio nuotekų valymo efektyvumo vertinimo realiu laiku galimybių tyrimai // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 60. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 004]
80. [T1; LT; OA] **Viltrakis, Povilas**; **Arbačiauskienė, Eglė**; **Šačkus, Algirdas**; **Kederienė, Vilija**. Kondensuotų oksazino ir oksazocino darinių sintezė ir tyrimai // Chemistry and chemical technology 2025: student scientific

conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 82. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]

81. [T1; LT; OA] **Statkevičius, Vasaris; Žmuidzinavičienė, Nerita; Griškonis, Egidijus**. Manganese coatings: temperature influence on eletrochemical deposition // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 76. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
82. [T1; LT; OA] **Klimašauskaitė, Kamilė; Veikšaitė, Melita; Šačkus, Algirdas; Arbačiauskienė, Eglė**. Naujų 2-pirazolilbenzimidazolo darinių sintezė // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 40. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
83. [T1; LT; OA] **Bučinskaitė, Paulina; Urniežaitė, Inga**. Nuotekų, užterštų Ni, Zn ir Fe metalais, homogeninė kristalizacija taikant verdančio sluoksnio technologiją // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 25. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 004]
84. [T1; LT; OA] **Mankutė, Vaida; Čizeikienė, Dalia**. Obuolių miltelių ir ksantano dervos įtaka keksiukų be glitimo kokybei // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 49-51. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
85. [T1; LT; OA] **Drūtytė, Aistė; Malinauskienė, Vida; Kederienė, Vilija**. Oksadiazolo darinių, turinčių piridino pagrindą, sintezė ir savybių tyrimai // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 30. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
86. [T1; LT; OA] **Omekara, Henry Johnson C.; Pedros Chamorro, Nieves G.; Abromavičius, Rimvydas; Jaskūnas, Andrius**. Optimization of steam methane reforming for economic and environmental performance // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 65. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
87. [T1; LT; OA] **Sahaleh, Hamidreza**. Organ-on-a-chip: revolutionizing drug discovery and cancer research // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 74. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
88. [T1; LT; OA] **Bernotavičiūtė, Reda; Vaškevičienė, Irena; Malinauskienė, Vida**. Pirolizės temperatūros įtaka mikroplastikų, esančių miesto nuotekų dumble, identifikavimo tikslumui naudojant py-gc-ms // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 23-24. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003, T 006]
89. [T1; LT; OA] **Gasiulytė, Eidvylys; Krugly, Edvinas**. Polimerinis karkasas skirtas auglio ant lusto platformos tyrimams // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 31. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 004]
90. [T1; LT; OA] **Šlinkšienė, Rasa; Aleksaitytė, Gabija**. Skystų rišiklių įtaka kietųjų organinių trąšų granuliavimui ir savybėms // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 15. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
91. [T1; LT; OA] **Sutkus, Evaldas; Krylova, Valentina**. Struktūrinės tekstilės paviršiaus ėsdinimo parametru optimizavimas ir panaudojimo galimybių tyrimas // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 77. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
92. [T1; LT; OA] **Kirklytė, Leonora; Jankūnaitė, Dalia; Tichonovas, Martynas**. Sunkiųjų metalų šalinimo iš pramoninių nuotekų tyrimas // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 38. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 004]
93. [T1; LT; OA] **Kučinskas, Augustas; Anusevičius, Kazimieras; Mickevičius, Vytautas**. Synthesis of 1,3,4-thiadiazole amide derivatives // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 43. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
94. [T1; LT; OA] **Dervinytė, Sofija Beatričė; Rutkaitė, Ramunė; Savickė, Miglė**. Termoautrių β-ciklodekstrino ir poli(n-izopropilakrilamido) kopolimerų sintezė // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 27-28. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]

95. [T1; LT; OA] **Morkvėnaitė, Emilija; Rutkaitė, Ramunė; Savickė, Miglė.** Termojautrūs dekstrino dariniai: sintezė, savybės ir taikymo galimybės // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 62. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
96. [T1; LT; OA] **Gojaeva, Shovkat; Prasauskas, Tadas; Masionė, Goda.** The analysis of air filter material sustainability using life cycle assessment modeling // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 33. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 004]
97. [T1; LT; OA] **Maslauskaitė, Eglė; Čereškaitė, Vanesa; Paleckienė, Rasa.** Trašų tirpumui reguliuoti skirtų dangų gavimas ir savybės // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 26. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: N 003]
98. [T1; LT; OA] **Šereikaitė, Viltė; Navaruckienė, Auksė; Ostrauskaitė, Jolita.** Vitimerų, gautų iš augalinio aliejaus ir glicerolio darinių, savybių tyrimai // Chemistry and chemical technology 2025: student scientific conference, May 9, 2025, Vilnius. Vilnius : Vilnius University Press. eISSN 2538-7332. 2025, p. 75. (Vilnius University Proceedings, eISSN 2669-0233). [Dimensions] [M.kr.: T 005]
99. [T1; NL; OA] **Augustiniene, Ernesta; Kutraite, I.; Malys, N.** Transcription factor-based biosensors for application in autotrophic bacteria // New biotechnology. Amsterdam : Elsevier. ISSN 1871-6784. eISSN 1876-4347. 2025, vol. 85, FBI-001, p. 156-157. DOI: 10.1016/j.nbt.2024.08.177. [Science Citation Index Expanded (Web of Science)] [M.kr.: T 005, N 003]

Kitos konferencijų pranešimų tezės ir straipsniai nerecenzuojamuose mokslinių konferencijų darbu leidiniuose

1. [T3; LT; OA] **Liudvinavičiūtė, Dovilė; Aboobacker, Shahana; Šipailienė, Aušra; Rutkaitė, Ramunė; Kitrytė-Syrpa, Vaida; Syrpas, Michail (temos vadovas).** Fermented and encapsulated phycocyanin-rich spirulina extract for healthcare applications // Technorama 2025: Let's make it!: catalogue : KTU. 2025, p. 9-10. [M.kr.: N 003]
2. [T2; LT; OA] **Merkelis, Matas;** Pampuščenko, Katryna; Umbrasas, Danielius; Borutaitė, Vilmantė. The effect of viral RNA-mimetics on microglia cell cultures and mitochondrial network formation // Brain function, dysfunction, and translational research: 17th international conference of the Lithuanian Neuroscience Association, 28 November 2025, Kaunas, Lithuania: book of abstracts. Kaunas : Centre for the Advanced Pharmaceutical and Health Technologies, 2025, P26. ISBN 9786090712047. p. 48. [M.kr.: N 003, N 010]
3. [T2; UA; OA] **Kiltinavičius, J.; Kantminienė, K.; Tumosienė, I.** Towards biologically active compounds: synthesis of hydrazones derived from 3-[(4-ethoxyphenyl)amino]propanehydrazide // Належні рішення для прогалін у фармації: відповідно доєвропейських пріоритетів: збірник наукових праць III Міжнародної студентської науково-практичної конференції, Львів, 27–28 листопада 2025 р. = III International student scientific and practical conference “Good solutions for gaps in Pharmacy: in line with the European priorities”, November 27–28, 2025. Львів : Видавництво Львівської політехніки, 2025. ISBN 9789669941220. p. 56. [M.kr.: N 003, T 005]
4. [T2; GR; OA] **Svedaite, Evelina; Baltakys, Kestutis; Dambrauskas, Tadas.** Calcined calcium–silicate rock as a sustainable material for phosphorus removal: properties and applications // 5th European meeting on environmental chemistry (EMEC25), 23-25 November 2025, Chania, Greece: book of abstracts / editor Eleftheria Psillakis. Chania-Crete : Technical University of Crete, 2025, PSC-13. ISBN 9786185558154. p. 190. [M.kr.: T 005]
5. [T2; LV] **Touseef, Bilal; Matīzenok, Gytis; Denafas, Gintaras.** Characterization and environmental implication of non-hazardous waste incineration by-products: understanding of the particle size distribution, mineralogical composition, elemental analysis and leaching behavior // EcoTech 2025: 15th annual international scientific conference on establishment of cooperation between companies and institutions in the Baltic Sea region and the World: 19 – 21 November 2025: book of abstracts / editors: I. Grinfelde, V. Gybauskienė, J. Pilecka-Ulcugaceva. Jelgava : LIK LBTU, 2025, ET022. ISBN 9789984484556. p. 32. [M.kr.: T 004]
6. [T2; LV] **Abdullah, Mohsin; Denafas, Gintaras;** Bibi, Hanna. Feasibility of energy generation by incineration from municipal solid waste in terms of techno-economic analysis in cities of Pakistan // EcoTech 2025: 15th annual international scientific conference on establishment of cooperation between companies and institutions in the Baltic Sea region and the World: 19 – 21 November 2025: book of abstracts / editors: I. Grinfelde, V. Gybauskienė, J. Pilecka-Ulcugaceva. Jelgava : LIK LBTU, 2025, ET026. ISBN 9789984484556. p. 36. [M.kr.: T 004]
7. [T2; LV; OA] **Denafas, Gintaras; Abdullah, Mohsin; Pitak, Inna; Sholokhova, Anastasiia;** Danikauskas, Tomas; Šukys, Algirdas; Kruopienė, Jolita; Butleris, Rimantas. Recovery of energy resources from landfills:

feasibility assessment model and its testing under lithuanian conditions // EcoTech 2025: 15th annual international scientific conference on establishment of cooperation between companies and institutions in the Baltic Sea region and the World: 19 – 21 November 2025: book of abstracts / editors: I. Grinfelde, V. Gybauskienė, J. Pilecka-Ulcugaceva. Jelgava : LIK LBTU, 2025, ET009. ISBN 9789984484556. p. 21. [M.kr.: T 004]

8. [T2; LV] **Sleiniute, Agne**; Thi-Hanh, Ha; **Denafas, Gintaras**; Lukosevicius, Ming-Chun. Sustainable solutions: aluminum recovery from wastewater using fluidized-bed homogeneous crystallization post-delamination of multilayer flexible packaging // EcoTech 2025: 15th annual international scientific conference on establishment of cooperation between companies and institutions in the Baltic Sea region and the World: 19 – 21 November 2025: book of abstracts / editors: I. Grinfelde, V. Gybauskienė, J. Pilecka-Ulcugaceva. Jelgava : LIK LBTU, 2025, ET036. ISBN 9789984484556. p. 42. [M.kr.: T 004]
9. [T2; UA] Dimitriev, O.; **Krucaite, G.**; **Blazevicius, D.**; **Grigalevicius, S.**; Zaderko, A.; Kysil, D.; Bogoslovskaya, A.; Nazarov, A. Management of photoluminescence emission of perovskite and carbon nanoparticles by surface modification with thermally activated delayed fluorescence molecules // international research and practice conference "Nanotechnology and nanomaterials" (NANO-2025), 20-23 August 2025, Bukovel, Ukraine: abstract book. Kyiv : Institute of Physics of NAS of Ukraine, 2025. ISBN 9786178092320. p. 450. [M.kr.: N 003]
10. [T3; TW; OA] **Marčinskas, Mantas**. Organic semiconductors forming self-assembled monolayer and their application in optoelectronics // 2nd Taiwan-Lithuania laser conference, 12-18 November 2025, Kinmen, Taiwan. Hsinchu : National Tsing Hua University. 2025, p. 1. [M.kr.: N 003]
11. [T3; CH; OA] **Jagelavičiūtė, Jolita**; **Bašinskienė, Loreta**; **Čižeikienė, Dalia**. sciforum-135984: Evaluation of LAB-fermented rice and maize soughs as a biotechnological approach to gluten-free bread improvement // IOCFE 2025 conference: 1st international online conference on fermentation, 12–13 November 2025, online: program and abstract book. Basel : MDPI. 2025, p. 101. [M.kr.: T 005]
12. [T3; TW; OA] **Bezvikonnyi, Oleksandr**. Tri- or tetraphenylethenyl-substituted 1,8-naphthalimide derivatives for liquid crystal lasers and hyperfluorescent OLEDs // 2nd Taiwan-Lithuania laser conference, 12-18 November 2025, Kinmen, Taiwan. Hsinchu : National Tsing Hua University. 2025, p. 1. [M.kr.: T 005]
13. [T3; CL] **Dyglė, Gintarė**; **Eisinaitytė, Viktorija**; **Leskauskaitė, Daiva**; Damulevičienė, Gytė. Agar-collagen fluid gels as a dysphagia food: rheological characterisation vs fiberoptic endoscopic evaluation of swallowing // DOF2025: 11th international symposium on the delivery of functionality in complex food systems (DOF 2025), 5-7 November, Santiago, Chile: book of abstract. [Santiago] : [Universidad de los Andes]. 2025, DOF-066, p. 75. [M.kr.: T 005, M 001]
14. [T3; CL] **Varnaitė-Kapočė, Laurita**; **Šipailienė, Aušra**; **Leskauskaitė, Daiva**. Double emulsion gels loaded with Lactiplantibacillus plantarum subsp. plantarum: structural characteristics and behaviour in gastrointestinal tract // DOF2025: 11th international symposium on the delivery of functionality in complex food systems (DOF 2025), 5-7 November, Santiago, Chile: book of abstract. [Santiago] : [Universidad de los Andes]. 2025, DOF-015, p. 45. [M.kr.: T 005]
15. [T3; ES] **Minelgaitė, Vidmantė**; **Jeznienė, Sigita**; Balion, Zbigniew; **Šipailienė, Aušra**. Evaluation of the zein-polysaccharide Maillard conjugates' potential as next-generation prebiotics // 12th ISM World Congress on Targeting Microbiota, 5-6 November 2025, Valencia, Spain: abstracts book. Valencia : International Society of Microbiota. 2025, p. 100. [Dimensions] [M.kr.: T 005]
16. [T3; CL] **Bartkuvienė, Ieva**; **Leskauskaitė, Daiva**. From hydrogel to emulsion-filled gel: enhancing texture and nutrient delivery for dysphagia diets // DOF2025: 11th international symposium on the delivery of functionality in complex food systems (DOF 2025), 5-7 November, Santiago, Chile: book of abstract. [Santiago] : [Universidad de los Andes]. 2025, DOF-014, p. 8. [M.kr.: T 005]
17. [T2; UA] **Ashraf, Madiha**; **Jonuškienė, Ilona**; **Kantminienė, Kristina**; **Tumosienė, Ingrida**; **Petrašauskienė, Neringa**. Biosynthesis optimization of silver nanoparticles using plant extracts // Інноваційні матеріали та технології: біотехнологія, прикладна хімія, екологія: збірник тез II Міжнародної науково-практичної конференції, присвяченої 95-річчю Київського національного університету технологій та дизайну, 30-31 жовтня 2025 року = Advanced materials and technologies: biotechnology, applied chemistry, ecology: proceedings of II international scientific and practical conference devoted to 95th anniversary of Kyiv National University of Technologies and Design, 30-31 October 2025. Київ : КНУТД, 2025. ISBN 9786177506552. p. 17. [M.kr.: T 005, N 003]
18. [T2; UA] **Degutyte, Inesa**; **Valeika, Virgilijus**. Collagen hydrolysate films with bioactive additives // Інноваційні матеріали та технології: біотехнологія, прикладна хімія, екологія: збірник тез II Міжнародної науково-практичної конференції, присвяченої 95-річчю Київського національного університету технологій та дизайну, 30-31 жовтня 2025 року = Advanced materials and technologies: biotechnology, applied chemistry, ecology: proceedings of II international scientific and practical conference devoted to 95th anniversary of Kyiv National University of Technologies and Design, 30-31 October 2025. Київ : КНУТД, 2025. ISBN 9786177506552. p. 16. [M.kr.: T 005]
19. [T3; CH; OA] Galvydytė, Miglė; Purvaneckaitė, Eglė; Anušis, Aivaras; **Jovaišaitė, Jovita**. sciforum-134689: Application of citrus fibre in gluten-free bread // Foods 2025 conference: 6th international electronic conference

- on foods, 28–30 October 2025, online: program and abstract book. Basel : MDPI. 2025, p. 162. [M.kr.: N 003]
20. [T3; CH; OA] **Jūrienė, Laura; Jovaišaitė, Jovita; Venskutonis, Petras Rimantas.** sciforum-134742: Evaluation of incorporation of red currant pomace and extract in meatballs using conventional quality assessment // Foods 2025 conference: 6th international electronic conference on foods, 28–30 October 2025, online: program and abstract book. Basel : MDPI. 2025, p. 73. [M.kr.: N 003, T 005]
 21. [T3; LT; OA] Kulikauskaitė, Beatričė; Zinovičius, Antanas; **Sapijanskaitė-Banevič, Birutė;** Mockaitis, Tomas; Ramanavičius, Ramūnas. Application of electrically conductive polymers in bioelectronic devices // EcoBalt2025: 24th biennial conference, 8-10 October 2025, Vilnius, Lithuania: book of abstracts. Vilnius : Organizing committee of the EcoBalt2025. 2025, p. 41. [M.kr.: N 003]
 22. [T3; LT; OA] **Mockutė, Emilija; Urniežaitė, Inga;** Reškevičius, Povilas. Assessing the efficiency of pfas elimination via quaternary stage wastewater treatment // EcoBalt2025: 24th biennial conference, 8-10 October 2025, Vilnius, Lithuania: book of abstracts. Vilnius : Organizing committee of the EcoBalt2025. 2025, p. 87. [M.kr.: T 005]
 23. [T3; LT; OA] Puidokas, Giedrius; Berenis, Domantas; Kreiza, Gediminas; Banevičius, Dovydas; Bagdonas, Kristupas; **Koženiauskienė, Vaida; Butkutė, Rita;** Kazlauskas, Karolis. Aukštos tripletinės energijos krūvio pernašos matricių paieška stabilieji mėlynosios srities TADF-OLED prietaisams = Search for high triplet energy hosts for stable blue TADF OLEDs // 46-oji Lietuvos nacionalinė fizikos konferencija, skirta Tarptautinių kvantinių mokslų ir technologijų metams pažymėti, 2025 m. spalio 8-10 d., Kaunas: programa ir pranešimų tezės. [Kaunas] : [Kauno technologijos universitetas]. 2025, p. 213. [M.kr.: T 005, N 002]
 24. [T3; LT; OA] Klydziute, G.; **Gliaudyte, L.;** Zalneravicius, R.; **Siauciunas, R.;** Sokol, D.; Kareiva, A. Comparative evaluation of modified layered double hydroxides for antibacterial and antifungal performance in construction plasters // EcoBalt2025: 24th biennial conference, 8-10 October 2025, Vilnius, Lithuania: book of abstracts. Vilnius : Organizing committee of the EcoBalt2025. 2025, p. 119. [M.kr.: T 005, N 003]
 25. [T3; LT; OA] Grybauskaitė, Goda; Bagdonas, Kristupas; Berenis, Domantas; Kreiza, Gediminas; Orentas, Edvinas; **Skuodis, Eigirdas;** Kazlauskas, Karolis; Banevičius, Dovydas. Dibenzofurano pagrindu paremtų matricos medžiagų pritaikymas mėlyniams trečios kartos šiluma aktyvuojamos uždelstosios fluorescencijos (TADF) organiniams šviestukams = Application of dibenzofuran-based host materials for blue 3rd generation thermally activated delayed fluorescence (TADF) organic light emitting diodes // 46-oji Lietuvos nacionalinė fizikos konferencija, skirta Tarptautinių kvantinių mokslų ir technologijų metams pažymėti, 2025 m. spalio 8-10 d., Kaunas: programa ir pranešimų tezės. [Kaunas] : [Kauno technologijos universitetas]. 2025, p. 198. [M.kr.: T 005, N 002]
 26. [T3; LT; OA] Chimičius, Titas; **Barauskienė, Ieva;** Bočkutė, Kristina; Laukaitis, Giedrius. Kobalto įtaka plonasluoksnių geležies oksido dangų sintezei, struktūrai ir elektrocheminėms savybėms = The influence of cobalt on the synthesis, structure, and electrochemical properties of thin-film iron oxide coatings // 46-oji Lietuvos nacionalinė fizikos konferencija, skirta Tarptautinių kvantinių mokslų ir technologijų metams pažymėti, 2025 m. spalio 8-10 d., Kaunas: programa ir pranešimų tezės. [Kaunas] : [Kauno technologijos universitetas]. 2025, p. 222. [M.kr.: T 008]
 27. [T3; LT; OA] Vasiliauskaitė, Dovilė; Kasparavičius, Ernestas; Gulbinas, Vidmantas; **Svirskaitė, Lauryna M.** Naujų medžiagų tyrimas perovskitiniuose saulės elementuose taikant kinetinio fotolaidumo metodą // 46-oji Lietuvos nacionalinė fizikos konferencija, skirta Tarptautinių kvantinių mokslų ir technologijų metams pažymėti, 2025 m. spalio 8-10 d., Kaunas: programa ir pranešimų tezės. [Kaunas] : [Kauno technologijos universitetas]. 2025, p. 188. [M.kr.: N 003, N 002]
 28. [T3; LT; OA] **Gražulevičius, Juozas Vidas.** Organiniai puslaidininkiai optoelektronikos prietaisams bei optiniams jutikliams = Organic semiconductors for the devices of optoelectronics and for optical sensors // 46-oji Lietuvos nacionalinė fizikos konferencija, skirta Tarptautinių kvantinių mokslų ir technologijų metams pažymėti, 2025 m. spalio 8-10 d., Kaunas: programa ir pranešimų tezės. [Kaunas] : [Kauno technologijos universitetas]. 2025, p. 21. [M.kr.: T 005]
 29. [T3; LT; OA] **Svirskaitė, Lauryna Monika; Jegorove, Aiste; Getautis, Vytautas; Malinauskas, Tadas;** Jankauskas, Vygintas; Čepas, Romualdas Jonas; Kamarauskas, Egidijus; Gruodis, Alytis; Genevičius, Kristijonas. Skersaryšiniai naftaleno diimido akceptoriai saulės elementams = Cross-linkable naphthalene diimide acceptors for photovoltaics // 46-oji Lietuvos nacionalinė fizikos konferencija, skirta Tarptautinių kvantinių mokslų ir technologijų metams pažymėti, 2025 m. spalio 8-10 d., Kaunas: programa ir pranešimų tezės. [Kaunas] : [Kauno technologijos universitetas]. 2025, p. 112. [M.kr.: N 003, N 002]
 30. [T3; LT; OA] **Šarapajevaitė, Gabrielė; Dėnaitė, Mingailė;** Petrulevičienė, Milda; Juodkazytė, Jurga. Sustainable synthesis of mos2 and its application for organic molecule removal // EcoBalt2025: 24th biennial conference, 8-10 October 2025, Vilnius, Lithuania: book of abstracts. Vilnius : Organizing committee of the EcoBalt2025. 2025, p. 125. [M.kr.: T 005]
 31. [T3; LT; OA] Dreskinienė, Skaistė; **Šeputis, Modestas;** Motiejauskaitė, Dovilė; Vilkienė, Monika; Barčauskaitė, Karolina. Towards optimizing microplastic extraction from soil: how selected chemicals affect mulch film plastics // EcoBalt2025: 24th biennial conference, 8-10 October 2025, Vilnius, Lithuania: book of abstracts. Vilnius : Organizing committee of the EcoBalt2025. 2025, p. 79. [M.kr.: N 003, A 001]

32. [T3; UA] Roshchina, N.; Kuznetsova, D.; Smertenko, P.; Kolomzarov, Yu.; Mamykin, S.; Olkhovik, G.; **Blazevicius, D.; Blazeviciute, B.; Sasnauskaite, I.; Grigalevičius, S.** Morphological and electrophysical features of carbazole derivative films prepared by spin coating on silicon substrate // XX Міжнародна Фреїківська конференція з фізики і технології тонких плівок та наносистем: Івано-Франківськ, 06-10 жовтня, 2025: матеріали = XX international Freik conference physics and technology of thin films and nanosystems: Ivano-Frankivsk, October 06-10, 2025: materials / ed. by L.I. Nykyruy, T.S. Potiatynnyk, M.D. Krainova, I.R. Mishchuk. Ivano-Frankivsk : Vasyl Stefanyk Carpathian National University. 2025, p. 234. [M.kr.: N 003]
33. [T3; EE; OA] **Navaruckiene, Aukse; Sereikaite, Vilte; Nasiribouyony, Aysu; Grauzeliene, Sigita;** Raudonienė, Vita; Bridziuvienė, Danguolė; **Ostrauskaite, Jolita.** Antimicrobial biobased vitrimers for lcd 3D printing // Baltic polymer symposium 2025: 23d international scientific conference, BPS 2025, 1-3 October 2025, Tallinn, Estonia: book of abstracts. Tallinn : Tallinn University of Technology. 2025, p. 57. [M.kr.: T 005]
34. [T3; EE; OA] Merijs-Meri, Remo; Zicans, Janis; Ivanova, Tatjana; Bernava, Aina; Berzina, Rita; **Rutkaite, Ramune;** Yeh, Shu-Kai. Characterisation of thermoplastic starch composites with bio-based additives for foaming applications // Baltic polymer symposium 2025: 23d international scientific conference, BPS 2025, 1-3 October 2025, Tallinn, Estonia: book of abstracts. Tallinn : Tallinn University of Technology. 2025, p. 36. [M.kr.: T 005]
35. [T3; EE; OA] **Ahmed, Adnan; Miraqyan, Naghash; Dabulienė, Asta; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro;** Pineda De La O, Edwin; Jagadamma, Lethy Krishnan; **Gražulevičius, Juozas Vidas.** Dibenzo[thiophene] or spiro[1,3-dithiolane-2,9'-fluorene]- based glass-forming hole-transporting compounds for perovskite solar cells // Baltic polymer symposium 2025: 23d international scientific conference, BPS 2025, 1-3 October 2025, Tallinn, Estonia: book of abstracts. Tallinn : Tallinn University of Technology. 2025, p. 50. [M.kr.: T 005]
36. [T3; EE; OA] **Amobonye, Ayodeji Emmanuel; Nasif, Muhammad; Bendoraitienė, Joana; Pečiulytė, Laura; Rutkaitė, Ramunė.** Functional characterization of acetylated-, succinylated-, and dual-modified potato peel starches // Baltic polymer symposium 2025: 23d international scientific conference, BPS 2025, 1-3 October 2025, Tallinn, Estonia: book of abstracts. Tallinn : Tallinn University of Technology. 2025, p. 45. [M.kr.: T 005, N 003]
37. [T3; EE; OA] **Dvylys, Lukas; Keruckienė, Rasa; Volyniuk, Dmytro; Gražulevičius, Juozas Vidas.** Phenoxathiin derivatives showing room-temperature phosphorescent for emissive tag applications // Baltic polymer symposium 2025: 23d international scientific conference, BPS 2025, 1-3 October 2025, Tallinn, Estonia: book of abstracts. Tallinn : Tallinn University of Technology. 2025, p. 69. [M.kr.: T 005, N 003]
38. [T3; EE; OA] **Martuzevicius, Dainius.** Polymer nanofibres for filtration, separation, and beyond // Baltic polymer symposium 2025: 23d international scientific conference, BPS 2025, 1-3 October 2025, Tallinn, Estonia: book of abstracts. Tallinn : Tallinn University of Technology. 2025, p. 16. [M.kr.: T 004]
39. [T3; LV] **Minelgaitė, V.; Jeznienė, S.; Varnaitė-Kapočė, L.; Leskauskaitė, D.; Šipailienė, A.; Budrienė, V.A.; Jonušas, A.** Potential prebiotic effect of non-psychoactive cannabinoids and hemp by-products // 6th Congress of Baltic Microbiologist, University of Latvia, Riga, 1-3 October 2025: book of abstracts. Riga : University of Latvia. 2025, poster 36, p. 80. [Dimensions] [M.kr.: T 005]
40. [T3; EE; OA] **Lekavičius, Domantas; Gužauskas, Matas; Keruckienė, Rasa; Gražulevičius, Juozas Vidas.** Pyrido-pyrazine derivatives as novel emitters exhibiting efficient tADF for OLEDs // Baltic polymer symposium 2025: 23d international scientific conference, BPS 2025, 1-3 October 2025, Tallinn, Estonia: book of abstracts. Tallinn : Tallinn University of Technology. 2025, p. 59. [M.kr.: T 005, T 008]
41. [T3; EE; OA] **Abdella, Mohamed Hassan Saad; Ghasemi, Melika; Simokaitienė, Jurate; Volyniuk, Dmytro; Gražulevičius, Juozas Vidas.** Synthesis and investigation of glass forming derivatives of quinoxaline and phenanthroimidazole as luminophores for efficient OLED // Baltic polymer symposium 2025: 23d international scientific conference, BPS 2025, 1-3 October 2025, Tallinn, Estonia: book of abstracts. Tallinn : Tallinn University of Technology. 2025, p. 71. [M.kr.: T 005, T 008]
42. [T2; LT; OA] **Tamašauskaitė, M.; Sabaliauskė, I.** 4-hidroksifenilpiruvinės rūgšties metabolizmo ir jo reguliavimo tyrimas chemolitoautotrofinėse bakterijose *C. necator* H16 // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 313-314. [M.kr.: T 005]
43. [T2; LT; OA] **Andriuškaitė, E.; Steponaitis, M.** Aromatinių organinių rūgščių skirtų perovskito defektų pasyvivimui sintezė ir tyrimas // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 84. [M.kr.: N 003]
44. [T2; LT; OA] **Babianskaitė, U.; Kačergius, A.** Biologinių preparatų sudėties įtaka augalų vystymuisi pradinuose augimo tarpsniuose // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 235-236. [M.kr.: N 003]
45. [T2; LT; OA] **Sruogaitė, V.; Krylova, V.** Įvairios sudėties konstrukcinės tekstilės ir bismuto vario sulfidų

nanosluoksnių kompozitai kaip lankstūs saulės fotovoltinių elementų komponentai // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 245-246. [M.kr.: N 003]

46. [T2; LT; OA] **Grib, K.**; Tamašauskaitė-Tamašiūnaitė, Loreta. Manganese/cobalt-based catalysts for metal-air batteries: synthesis, characterization and properties // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 143-144. [M.kr.: N 003]
47. [T2; LT; OA] **Dėnaitė, M.**; Šarapajevaitė, G. MoS₂ biokompozito fotokatalitinių savybių tyrimas // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 175-176. [M.kr.: N 003]
48. [T2; LT; OA] **Blaževičiūtė, B.**; **Blaževičius, D.** Naujos organinės elektroaktyvios medžiagos antros ir trečios kartos organiniams šviesos diodams // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 270-271. [M.kr.: T 005]
49. [T2; LT; OA] **Kovševič, A.**; **Malinauskienė, V.** Naujų 2-(4-chlorfenil)-N-(heteroaril) acetamidų sintezė ir tyrimas // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 44. [M.kr.: N 003]
50. [T2; LT; OA] **Starkauskaitė, A.**; **Arbačiauskienė, E.** Naujų imidazolilpirazolo darinių sintezė // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 31. [M.kr.: N 003]
51. [T2; LT; OA] **Ripinskaitė, N.**; **Marčinskas, M.** Savitvarkį monosluoksnį formuojančių organinių puslaidininkių, taikomų alavo turinčiuose perovskitiniuose saulės elementuose, sintezė ir tyrimas // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 183. [M.kr.: N 003]
52. [T2; LT; OA] **Kasparaviūtė, E.**; **Ivanauskas, R.** Stibio (III) sulfidų sluoksnių ant FTO stiklo sudarymas ir tyrimas // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 90-91. [M.kr.: N 003]
53. [T2; LT; OA] **Juočinskytė, E.**; Kondrotas, R. Stibio sieros jodido sluoksnių auginimas ir struktūrinių savybių tyrimas // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 280-281. [M.kr.: T 008]
54. [T2; LT; OA] **Merkelis, M.**; Umbrasas, D. Virusinį uždegimą imituojančių junginių poveikio mikroglijos mitochondrijų dinamikai tyrimas // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 162-163. [M.kr.: N 003, N 004]
55. [T2; LT; OA] **Vileniškytė, N.**; Bronušienė, A. ZnInS plonųjų sluoksnių sintezė ir savybių tyrimas // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 180-181. [M.kr.: N 003]
56. [T2; LT; OA] **Antanavičė, A.**; **Maziukienė, M.** ZnO nanovamzdelių hidrofobiškumo įtaka garų plėvelės formavimuisi // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 260-261. [M.kr.: N 003]
57. [T3; LV; OA] **Juraitytė, Gabrielė**; **Malinauskienė, Vida**. 2-(Aryl)-N-(heteroaril)acetamides: synthesis and antibacterial activity // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 46. [M.kr.: N 003]
58. [T3; LV; OA] **Kuneikytė, Roberta**; **Malinauskienė, Vida**. 5-Substituted-1,3,4-oxadiazol-2-thiols: synthesis, modification and biotesting // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 47. [M.kr.: N 003]
59. [T3; LV; OA] **Piri, Murad**; **Malinauskienė, Vida**. From classroom to industry: learning organic chemistry through Ibuprofen synthesis // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 38. [M.kr.: N 003]
60. [T3; LV; OA] **Kaur, Khushdeep**; **Dabulienė, Asta**; **Gražulevičius, Juozas Vidas**. Molecular engineering and synthesis of asymmetric thiazolothiazole-derived luminogens for modern optoelectronic devices // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 59. [M.kr.: T 005]
61. [T3; LV; OA] **Zagorskytė, Inesa**; **Arbačiauskienė, Eglė**; **Šačkus, Algirdas**. New synthetic approach to synthesis of 3,4-dihydro-1H-[1,4]oxazino[4,3-a]indole derivatives using activated glycerol carbonate // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 81. [M.kr.: N 003]
62. [T3; LV; OA] **Kovševič, Arnas**; Šakalytė, Austėja; **Malinauskienė, Vida**; Šatkauskienė, Ingrida. Synthesis and Investigation of 2-(4-chlorophenyl)-N-(heteroaril)acetamides // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 36. [M.kr.: N 003]

63. [T3; LV; OA] **Musteikis, Skirmantas; Marčinskas, Mantas; Malinauskas, Tadas**. Synthesis and investigation of phenothiazine and phenoxazine SAMs in perovskite solar cells // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 49. [M.kr.: N 003]
64. [T3; LV; OA] **Pranaitytė, Guoda; Kavaliauskas, Povilas; Grybaitė, Birutė**. Synthesis of novel 3-[(2,4-difluorophenyl)amino] propanoic acid derivatives and evaluation of their biological properties for potential pharmacological applications // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 68. [M.kr.: N 003]
65. [T3; LV; OA] **Bartkevičiūtė, Ieva; Kederienė, Vilija; Malinauskienė, Vida; Šačkus, Algirdas; Žukauskaitė, Asta; Kadlecová, Alena; Jirsa, Tomáš**. Synthesis of oxadiazole derivatives and evaluation of their biological properties // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 55. [M.kr.: N 003]
66. [T3; LV; OA] **Abdella, Mohamed Hassan Saad; Ghasemi, Melika; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas; Simokaitiene, Jurate**. The development and study of quinoxaline and phenanthroimidazole derivatives as luminophores for organic light-emitting diode applications // Paul Walden 14th symposium on organic chemistry, 25-26 September 2025, Riga, Latvia: program and abstract book. Riga : [Riga Technical University]. 2025, p. 54. [M.kr.: T 008]
67. [T3; GB] **Skuodis, Eigirdas; Grybauskaitė, Goda; Bagdonas, Kristupas; Berenis, Domantas; Banevičius, Dovydas; Kreiza, Gediminas; Kazlauskas, Karolis**. Dibenzofuran and dihydrobenzodioxin-based hosts for improved stability blue TADF OLEDs // 17th European conference on molecular electronics (ECME 2025), 22-26 September 2025, Cambridge, UK: book of abstracts. [S.l.] : ECME. 2025, p. 119. [M.kr.: T 005, N 002]
68. [T3; GB] **Rashid, Ehsan Ullah; Arsenyan, Pavel; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas**. Heavy chalcogen unlock intense delayed fluorescence and phosphorescence via enhanced spin-orbit coupling // 17th European conference on molecular electronics (ECME 2025), 22-26 September 2025, Cambridge, UK: book of abstracts. [S.l.] : ECME. 2025, p. 104. [M.kr.: T 005, T 008]
69. [T3; GB] **Stanitska, Mariia; Ghasemi, Melika; Seibetyte, Ugne; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas**. Multicolored derivatives of isophthaloyl exhibiting thermally activated delayed fluorescence and high charge carrier mobilities for efficient electroluminescent devices // 17th European conference on molecular electronics (ECME 2025), 22-26 September 2025, Cambridge, UK: book of abstracts. 2025, p. 133. [M.kr.: T 005, T 008]
70. [T3; DE] **Sargsyan, Svetlana; Stanitska, Mariia; Ghasemi, Melika; Keruckiene, Rasa; Volyniuk, Dmytro; Andruleviciene, Viktorija; Durgaryan, Narine; Grazulevicius, Juozas Vidas**. Novel hole-transporting materials based on P-phenylenediamine skeleton functionalized with sulfur-containing moieties for organic optoelectronic // 42nd European photovoltaic solar energy conference and exhibition, EU PVSEC 2025, 22-26 September 2025, Bilbao, Spain. [Munich] : [WIP Renewable Energies]. 2025, p. 1. [M.kr.: T 008, T 005]
71. [T3; GB] **Dvylys, Lukas; Keruckiene, Rasa; Grazulevicius, Juozas V.** Synthesis and photophysical properties of donor-acceptor organic radicals for optoelectronic applications // 17th European conference on molecular electronics (ECME 2025), 22-26 September 2025, Cambridge, UK: book of abstracts. [S.l.] : ECME. 2025, p. 116. [M.kr.: T 005, N 003]
72. [T3; GB] **Lekavičius, Domantas; Keruckienė, Rasa; Gražulevičius, Juozas V.** Synthesis and properties of substituted trichlorotriphenylmethyl-based radicals // 17th European conference on molecular electronics (ECME 2025), 22-26 September 2025, Cambridge, UK: book of abstracts. [S.l.] : ECME. 2025, p. 113. [M.kr.: T 005, T 008]
73. [T3; GB] **Ghasemi, Melika; Cameron, Joseph; Lin, Woon K.; Volyniuk, Dmytro; Skabara, Peter J.; Grazulevicius, Juozas V.; Sini, Gjergji**. Ultrafast TADF and tunable emission from a derivative of carbazole and triazine for efficient red OLEDs // 17th European conference on molecular electronics (ECME 2025), 22-26 September 2025, Cambridge, UK: book of abstracts. 2025, p. 109. [M.kr.: T 005, T 008]
74. [T3; JP] **Volyniuk, Lesia; Melnykov, Serhii; Vigante, Brigita; Lazauskas, Algirdas; Belyakov, Sergey; Bucinskas, Audrius; Karaush-Karmazin, Nataliya M.; Minaev, Boris F.; Arsenyan, Pavel; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas**. Development and investigation of 3,5-dicyanopyridine derivatives with different donors for single-emitter based down-converting white light-emitting diodes // Optical probes 2025: 15th international conference on optical probes of organic and hybrid semiconductors (OP2025), 21-26 September 2025, Kyushu University, Fukuoka, Japan. Fukuoka : OP2025 Organizing committee. 2025, P20, p. 21. [M.kr.: T 005, T 008]
75. [T2; CN] **Družaitė, Paulina; Martuzevičius, Dainius; Ha, Thi-Hanh; Lu, Ming-Chun**. Fluidized-bed reactor-synthesized Ni-Cu granules for advanced persulfate activation in reactive black 5 degradation // 18th international conference on challenges in environmental science and engineering, (CESE 2025), 21-25 September 2025, Lanzhou, China: abstract book. [S.l.] : [CESE], 2025. ISBN 9780646724195. p. 129. [M.kr.: T 004]
76. [T2; CN] **Bučinskaitė, Paulina; Urniežaitė, Inga; Ha, Thi-Hanh; Lu, Ming-Chun**. Homogenous crystallization

of nickel contaminated industrial wastewater using fluidized bed technology // 18th international conference on challenges in environmental science and engineering, (CESE 2025), 21-25 September 2025, Lanzhou, China: abstract book. [S.l.] : [CESE], 2025. ISBN 9780646724195. p. 106-107. [M.kr.: T 004]

77. [T3; RO; OA] **Svedaite, Evelina; Dambrauskas, Tadas; Baltakys, Kestutis**; Povilaitis, Virmantas. Application of spent adsorbent based on calcium silicate hydrate as a potential phosphorus fertilizer // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, PS1.20, p. 116. [M.kr.: T 005]
78. [T3; RO; OA] **Kasparavičiūtė, Evelina; Ivanauskas, Remigijus; Žalenskienė, Skirma**; Mikolajūnas, Marius. Dependence of structural and optical properties of thin antimony sulphide films on their annealing // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, PS1.17, p. 113. [M.kr.: T 005]
79. [T3; RO; OA] **Melnikas, Aistis; Ivanauskas, Remigijus; Žalenskienė, Skirma**; Mikolajūnas, Marius. Effect of annealing on the properties of Bi₂S₃ films on FTO substrate // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, PS1.16, p. 112. [M.kr.: T 005]
80. [T3; RO; OA] **Savickaite, Brigita; Kaminskas, Rimvydas**. Hydrothermal synthesis of scawtite from bypass dust // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, PS1.18, p. 114. [M.kr.: T 005]
81. [T3; RO; OA] **Eisinas, Anatolijus; Kleinauskas, Ricardas**; Doneliene, Jolanta. Influence of hydrothermal treatment on CaTiO₃ formation // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, OP1.19, p. 71. [M.kr.: T 005]
82. [T3; RO; OA] **Bobinaite, Egle; Dambrauskas, Tadas**. Influence of Mn²⁺ ions on the formation and thermal stability of gyrolite // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, PS1.15, p. 111. [M.kr.: T 005]
83. [T3; RO; OA] **Tiskute, Monika; Baltakys, Kestutis; Dambrauskas, Tadas**. Influence of synthesis method on the formation and thermal stability of magnesium phosphate hydrate with Mg/P molar ratio 1.33 // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, PS1.21, p. 117. [M.kr.: T 005]
84. [T3; RO; OA] **Turilinaite, Lidija; Šarapajevaitė, Gabrielė; Šipailienė, Aušra; Lukošius, Jokūbas; Baniukaitienė, Odeta; Dambrauskas, Tadas**. Microwave-assisted synthesis of fluorapatite and its antimicrobial properties // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, OP2.18, p. 92. [M.kr.: T 005]
85. [T3; RO; OA] **Sidaraite, Ramune; Baltakys, Kestutis; Dambrauskas, Tadas**; Rudelis, Valdas. The formation and thermal stability of calcium silicate hydrates (CaO/SiO₂=1.0) produced using calcium oxide waste from the sugar industry // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, PS1.19, p. 115. [M.kr.: T 005]
86. [T3; RO; OA] **Dambrauskas, Tadas**. Transition metal ions catalysts supported on calcium silicate hydrates for VOCs oxidation // 8th Central and Eastern European conference on thermal analysis and calorimetry (CEEC-TAC8), 16-19 September 2025, Mostar, Bosnia and Herzegovina: book of abstracts / editors: A. Rotaru, A.M. Bevanda, M. Marić, R.D. Carpen, M. Erceg. [S.l.] : SITECH. 2025, APL2, p. 23. [M.kr.: T 005]
87. [T3; IT; OA] **Malinauskas, Tadas; Svirskaitė, Lauryna; Marcinkas, Mantas; Getautis, Vytautas**. Electron and hole selective self-assembling monolayers for perovskite solar cells // 8th international conference on perovskite solar cells and optoelectronics - PSCO, 15-18 September 2025, Perugia, Italy: book of abstract. Perugia. 2025, p. 102. [M.kr.: N 003]
88. [T3; IT; OA] **Rakstys, Kasparas**. Molecular engineering of functional components towards high performance perovskite solar cells // 8th international conference on perovskite solar cells and optoelectronics - PSCO, 15-18 September 2025, Perugia, Italy: book of abstract. Perugia. 2025, p. 63. [M.kr.: N 003]
89. [T3; PL] Bagdonas, Edvardas; **Krugly, Edvinas; Ciuzas, Darius; Pupiute, Aiste; Baniukaitiene, Odeta**; Ragauskas, Tomas; Zemaitiene, Vaiga; Bernotiene, Eiva. Development of polycaprolactone fibrous scaffolds for 3D in vitro osteochondral modelling: influence of scaffold morphology on cell distribution and proliferation //

- Biofabrication 2025: international conference on biofabrication "Revolutionizing healthcare through biofabrication: challenges and breakthroughs for a healthier future", (ISBF 2025): 14-17 September 2025, Warsaw, Poland: ISBF abstract book. Warsaw. 2025, 64057825266, p. 570. [M.kr.: T 004, M 001]
90. [T3; PL] Ragauskas, Tomas; Žemaitienė, Vaiga; Bagdonas, Edvardas; **Pupiūtė, Aistė; Krugly, Edvinas; Čiužas, Darius; Baniukaitienė, Odeta**; Bernotienė, Eiva. Histological processing of polycaprolactone scaffolds // Biofabrication 2025: international conference on biofabrication "Revolutionizing healthcare through biofabrication: challenges and breakthroughs for a healthier future", (ISBF 2025): 14-17 September 2025, Warsaw, Poland: ISBF abstract book. Warsaw. 2025, 42705221655, p. 580. [M.kr.: T 004, M 001]
 91. [T3; ES] Bockute, Kristina; **Barauskiene, Ieva**; Chimicius, Titas; Laukaitis, Giedrius. Investigation of Co-doped iron oxide electrocatalysts for AEM electrolysis // 18th European congress and exhibition on advanced materials and processes, FEMS EUROMAT 2025, 14 – 18 September 2025, Granada, Spain: symposium program [with abstracts]. Madrid : Spanish Society of Materials. 2025, paper 788, p. 206. [M.kr.: N 003, N 002, T 008]
 92. [T3; CH] **Barauskienė, Ieva**; Bočkutė, Kristina; Chimičius, Titas; **Valatka, Eugenijus**; Laukaitis, Giedrius. Investigation of Ni, Co and Cu-doped iron oxide coatings for AEM electrolysis // 76th annual meeting of the International Society of Electrochemistry "Electrochemistry – from basic insights to sustainable technologies", 7-12 September 2025, Mainz, Germany: program. Lausanne : ISE society. 2025, p. 130. [M.kr.: N 003, T 008]
 93. [T3; PT] **Meldaikytė, I.; Bartkevičiūtė, I.; Arbačiauskienė, E.; Kederienė, V.** Synthesis and properties investigation of new pyrazole-based heterocyclic compounds // ISySyCat 2025: international symposium on synthesis and catalysis, Coimbra, September 2-5: book of abstracts / C.S. Marques, E.P. Carreiro, C. Alves, A.J. Burke (eds.). Coimbra : Universidade de Coimbra, 2025, F2. ISBN 9789899505087. eISBN 9789899505094. p. 104. [M.kr.: N 003]
 94. [T2; LT; OA] **Azarevičiūtė, E.; Kaur, K.** Asimetrinių tiazoltiazolo darinių kūrimas, sintezė ir tyrimai // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 284-285. [M.kr.: T 005]
 95. [T2; LT; OA] **Jasiulionytė, K.**; Rasiukevičiūtė, N. Augaliniai ekstraktai tvariai sodo ir daržo augalų biokontrolei // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 417-418. [M.kr.: T 005, N 004]
 96. [T2; LT; OA] **Gasiūnaitė, U.; Čižeikienė, D.** Fermentais modifikuotų morkų išspaudų sudėtis, funkcinės ir technologinės savybės // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 335-336. [M.kr.: T 005]
 97. [T2; LT; OA] **Turilinaitytė, L.; Baltakys, K.** Geležies jonų įtaka karbonizuoto hidroksiapatito sintezei hidroterminėmis sąlygomis // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 300. [M.kr.: T 005]
 98. [T2; LT; OA] **Dargytė, K.; Eisinas, A.** Hidroterminė CO₂ adsorbento kalcio hidrosilikatų pagrindu sintezė // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 325-326. [M.kr.: T 005]
 99. [T2; LT; OA] **Majauskas, L.**; Drabavičius, A. Plonų stibio sluoksnelių selenizacija saulės elementams // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 301-302. [M.kr.: N 003]
 100. [T2; LT; OA] **Žentelytė, E.**; Vorotinskienė, L. Skirtingų vario paviršių įtaka hidrodinaminio pasipriešinimo mažinimui // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 282-283. [M.kr.: T 006, N 003]
 101. [T2; LT; OA] Pečeliūnas, K.; **Bučinskas, A.** Skyles transportuojančių junginių pritaikomų perovskitiniuose saulės elementuose paieška panaudojant RPA technologiją // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 298-299. [M.kr.: T 008]
 102. [T2; LT; OA] **Klizaitė, M.; Jūrienė, L.** Ultragarstinės ekstrakcijos parametų optimizavimas siekiant išgauti antioksidantais turtingą ekstraktą iš juodųjų serbentų (*Ribes nigrum*) išspaudų // Vasara su LMT, 2025 metai: studentų vasaros mokslinės praktikos rezultatai. Vilnius : Lietuvos mokslo taryba. ISSN 3030-2706. 2025, p. 305-306. [M.kr.: T 005]
 103. [T3; IT; OA] **Pocevičiūtė, Gailė; Kaunelienė, Violeta**; Bagdonas, Edvardas; **Čiužas, Darius; Martuzevičius, Dainius**. Cytotoxicity assessment of ambient air aerosol using a novel "Cells-on-Particles" in vitro model // European aerosol conference EAC2025, Lecce, Italy, 31 August - 5 September 2025: abstract book. Bologna : Italian Aerosol Society. 2025, p. 1026. [M.kr.: T 004]
 104. [T3; PT] **Šermukšnytė, Aida**; Stasevych, Marina; Komarovska-Porokhnyavets, Olena; Zvarych, Viktor; **Kantminienė, Kristina; Tumosienė, Ingrida**. Development of pyridine-1,2,4-triazole-3-thione derivatives as potential anticancer drug candidates // EFMC-ASMC International symposium on advances in synthetic and medicinal chemistry, Porto, Portugal, August 31-September 4, 2025: book of abstracts. Porto : EFMC. 2025, P348, p. 434. [M.kr.: T 005, N 003]

105. [T3; PT] **Meldaikytė, Ineta; Arbačiauskienė, Eglė; Šačkus, Algirdas; Kederienė, Vilija.** Synthesis of new isoxazole[5,4-d]pyrimidin-4-amine derivatives // EFMC-ASMC International symposium on advances in synthetic and medicinal chemistry, Porto, Portugal, August 31-September 4, 2025: book of abstracts. Porto : EFMC. 2025, P247, p. 335. [M.kr.: N 003]
106. [T3; ES; OA] **Magomedov, Artiom.** Designing charge selective monolayers: from carbazole-based compounds towards emerging electron-selective molecular concepts // Proceedings of MATSUS fall 2025 conference (MATSUSFall25): A2 molecular interfaces for emerging photovoltaics: València, Spain, 20-24 October 2025. Valencia : Fundacio Scito. 2025, p. 1. DOI: 10.29363/nanoge.matsusfall.2025.209. [M.kr.: N 003]
107. [T3; ES; OA] **Krisiune, Deimante; Yang, Yuxuan; Xu, Yongde; Tian, Hao; Xiao, Chuanxiao; Xia, Jianxing; Yi, Zhang; Rakstys, Kasparas; Getautis, Vytautas.** Influence of anchoring group variation on the performance of enamine-based self-assembled monolayers in perovskite solar cells // Proceedings of MATSUS Fall 2025 Conference (MATSUSFall25), València, Spain, 20-24 October 2025 / organizers: Vincent M. Le Corre and Esma Ugur. Valencia : Fundacio Scito. 2025, poster 428, p. 1-2. [M.kr.: N 003]
108. [T3; ES; OA] **Petrulevicius, Julius; Zimmermann, Lea; de Araujo, Wander Max Bernardes; Simmonds, Maxim; Soufiani, Arman Mahboubi; Daskeviciene, Maryte; Malinauskas, Tadas; Bubniene, Giedre; Juska, Giedrius; Jankauskas, Vygintas; Menzel, Dorothee; Scheler, Florian; Korte, Lars; Stannowski, Bernd; Kurpiers, Jona; Albrecht, Steve; Getautis, Vytautas.** Novel non-fullerene electron acceptors for perovskite solar cells // Proceedings of MATSUS fall 2025 conference (MATSUSFall25): A2 molecular interfaces for emerging photovoltaics: València, Spain, 20-24 October 2025. Valencia : Fundacio Scito. 2025, poster 444, p. 1-2. [M.kr.: N 003, N 002]
109. [T3; GR] **Getautis, V.; Petrulevičius, J.; Juška, G.; Jankauskas, V.; Daškevičienė, M.** 9-Fluorelidenemalononitrile derivatives as electron transporting materials // ISFOE 25: 18th international symposium on flexible organic electronics, 7-10 July 2025, Thessaloniki, Greece: book of abstracts. Thessaloniki : [s.n.]. 2025, p. 160. [M.kr.: N 003]
110. [T3; PT] **Sargsyan, Svetlana; Keruckiene, Rasa; Rashid, Ehsan Ullah; Guzauskas, Matas; Volyniuk, Dmytro; Andruleviciene, Viktorija; Grazulevicius, Juozas Vidas.** Benzothiadiazole-based donor-acceptor-donor type Ffluorescent emitters as promising materials for OLEDs // 17th international conference on organic electronics (ICOE), 7-10 July 2025, Coimbra, Portugal: book of abstracts. Coimbra : Universidade de Coimbra. 2025, p. 160. [M.kr.: T 005, T 008]
111. [T3; GR] **Dabulienė, A.; Keruckiene, R.; Bezikonnyi, O.; Simokaitiene, J.; Grazulevicius, J.V.** Design, synthesis and characterization of benzophenone derivatives as triplet harvesting emitters // ISFOE 25: 18th international symposium on flexible organic electronics, 7-10 July 2025, Thessaloniki, Greece: book of abstracts. Thessaloniki : [s.n.]. 2025, p. 165. [M.kr.: T 005]
112. [T3; GR] **Volyniuk, D.; Melnykov, S.; Arsenyan, P.; Volyniuk, L.; Vigante, B.; Karaush-Karmazin, N.M.; Minaev, B.F.; Lazauskas, A.; Belyakov, S.; Bezikonnyi, O.; Stakhira, P.; Grazulevicius, J.V.** Development of down-converting white light-emitting diodes based on phenothiazine and 3,5-dicyanopyridine derivatives with single-molecular white emissions // ISFOE 25: 18th international symposium on flexible organic electronics, 7-10 July 2025, Thessaloniki, Greece: book of abstracts. Thessaloniki : [s.n.]. 2025, p. 159. [M.kr.: T 005, T 008]
113. [T3; GR] **Volyniuk, L.; Stanitska, M.; Bucinskas, A.; Ghasemi, M.; Dabulienė, A.; Woon, K.L.; Volyniuk, D.; Grazulevicius, J.V.** Development of triazine and carbazole derivatives featuring bipolar charge-transporting properties and thermally activated delayed fluorescence // ISFOE 25: 18th international symposium on flexible organic electronics, 7-10 July 2025, Thessaloniki, Greece: book of abstracts. Thessaloniki : [s.n.]. 2025, p. 169. [M.kr.: T 005, T 008]
114. [T3; GR] **Bujaldón, R.; Fabregat, C.; Garcia-Amorós, J.; Volyniuk, D.; Ghasemi, M.; Grazulevicius, J.V.; Velasco, D.** Dibenzothiophene as a building block towards π -extended systems with room temperature phosphorescence // ISFOE 25: 18th international symposium on flexible organic electronics, 7-10 July 2025, Thessaloniki, Greece: book of abstracts. Thessaloniki : [s.n.]. 2025, p. 160. [M.kr.: T 005, T 008]
115. [T3; PT] **Fabregat, Clara; Bujaldón, Roger; Garcia-Amorós, Jaume; Volyniuk, Dmytro; Ghasemi, Melika; Grazulevicius, Juozas V.; Velasco, Dolores.** Diphenanthrothiophene: an easily accessible core featuring room temperature phosphorescence // 17th international conference on organic electronics (ICOE), 7-10 July 2025, Coimbra, Portugal: book of abstracts. Coimbra : Universidade de Coimbra. 2025, p. 100. [M.kr.: T 005, T 008]
116. [T2; IT; OA] **Nasif, Muhammad; Amobonye, Ayodeji; Bendoraitiene, Joana; Peculyte, Laura; Rutkaite, Ramune.** Dual-chemical modification of corn starch using dodecenyl succinic and acetic anhydrides // Proceedings of the XVII postgraduate summer school on green chemistry, 7-11 July 2025, Venice, Italy / editors: F. Trotta, F. Aricò, A. Visa and M. Hojamberdiev. Venezia : Green Sciences for Sustainable Development Foundation, 2025. ISBN 9788894553741. p. 88. [M.kr.: N 003]
117. [T3; PT] **Guzauskas, Matas; Abdella, Mohamed; Simokaitiene, Jurate; Volyniuk, Dmytro; Grazulevicius, Juozas V.** Harnessing quinoxaline's triplet states: from green glow to white wonder // 17th international conference on organic electronics (ICOE), 7-10 July 2025, Coimbra, Portugal: book of abstracts. Coimbra :

Universidade de Coimbra. 2025, p. 112. [M.kr.: T 005, T 008]

118. [T3; PT] **Kaur, Khushdeep; Butkutė, Rita; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro; Grazulevicius, Juozas Vidas.** Novel carbazole-based semiconductors having extended absorption wavelength for optoelectronics // 17th international conference on organic electronics (ICOE), 7-10 July 2025, Coimbra, Portugal: book of abstracts. Coimbra : Universidade de Coimbra. 2025, p. 122. [M.kr.: T 005]
119. [T3; PT] **Dvylys, Lukas; Keruckiene, Rasa; Volyniuk, Lesia; Volyniuk, Dmytro; Grazulevicius, Juozas V.** Phenoxathiin containing compounds exhibiting room-temperature phosphorescence for emissive tags application // 17th international conference on organic electronics (ICOE), 7-10 July 2025, Coimbra, Portugal: book of abstracts. Coimbra : Universidade de Coimbra. 2025, p. 99. [M.kr.: T 005, T 008]
120. [T3; GR] **Simokaitiene, J.; Abdella, M.; Volyniuk, D.; Grazulevicius, J.V.** Structure–property relationship of the derivatives of imidazole and fluorene // ISFOE 25: 18th international symposium on flexible organic electronics, 7-10 July 2025, Thessaloniki, Greece: book of abstracts. Thessaloniki : [s.n.]. 2025, p. 166. [M.kr.: T 005, T 008]
121. [T3; PT] **Abdella, Mohamed; Guzauskas, Matas; Simokaitiene, Jurate; Grazulevicius, Juozas Vidas.** Synthesis and investigation of imidazole and fluorene derivatives as efficient fluorescent emitters // 17th international conference on organic electronics (ICOE), 7-10 July 2025, Coimbra, Portugal: book of abstracts. Coimbra : Universidade de Coimbra. 2025, p. 77. [M.kr.: T 005, T 008]
122. [T3; PT] **Ghasemi, Melika; Cameron, Joseph; Kai Lin, Woon; Volyniuk, Dmytro; Skabara, Peter J.; Grazulevicius, Juozas V.; Sini, Gjergji.** Ultrafast TADF of carbazole and triazine derivatives for high-efficiency OLEDs through rapid triplet harvesting // 17th international conference on organic electronics (ICOE), 7-10 July 2025, Coimbra, Portugal: book of abstracts. Coimbra : Universidade de Coimbra. 2025, p. 108. [M.kr.: T 005, T 008]
123. [T3; GR] **Kimpel, A.; Stanitska, M.; Gražulevičius, J.V.** W-shaped luminophores based on isophthaloylbis(dibenzothiophene) (ISBDBT) for OLED application // ISFOE 25: 18th international symposium on flexible organic electronics, 7-10 July 2025, Thessaloniki, Greece: book of abstracts. Thessaloniki : [s.n.]. 2025, p. 171. [M.kr.: T 005, T 008]
124. [T3; BE] **Vainauskas, Valdas; Grybaitė, Birutė; Kavaliauskas, Povilas; Mickevičius, Vytautas.** Synthesis and biological evaluation of alkylated 2-mercaptoimidazoles bearing a benzenesulfonamide moiety // 25th Tetrahedron Symposium, Bruges, Belgium, 1-4 July 2025. [S.l.] : Elsevier. 2025, p. 1-2. [M.kr.: N 003]
125. [T3; BE] **Bertašiūtė, Monika; Grybaitė, Birutė; Mickevičius, Vytautas.** Synthesis of new 3-substituted 6-bromobenzoxazolin-2-one derivatives // 25th Tetrahedron Symposium, Bruges, Belgium, 1-4 July 2025. [S.l.] : Elsevier. 2025, p. 1-2. [M.kr.: N 003]
126. [T3; FR] **Masione, Goda; Ciužas, Darius; Krugly, Edvinas; Tichonovas, Martynas; Prasauskas, Tadas; Martuzevicius, Dainius.** Aerosol filtering materials from biobased polyamide as fabricated via melt blowing and electrospinning // 14th World Filtration Congress, Bordeaux, France, 30 June - 4 July 2025: abstracts book. [S.l.] : [s.n.]. 2025, O-013, p. 40. [M.kr.: T 004]
127. [T3; FR] **Masione, Goda; Stasiulaitiene, Inga; Ciužas, Darius; Krugly, Edvinas; Tichonovas, Martynas; Prasauskas, Tadas; Martuzevicius, Dainius.** Life cycle assessment of biobased polymer air filters: a comparative study with petroleum-based materials // 14th World Filtration Congress, Bordeaux, France, 30 June - 4 July 2025: abstracts book. [S.l.] : [s.n.]. 2025, O-012, p. 39. [M.kr.: T 004]
128. [T3; DK; OA] **Arbačiauskienė, E.; Savickienė, V.; Bieliauskas, A.; Belyakov, S.; Šačkus, A.** Synthesis and investigation of new fluorescent boron complexes derived from 3-hydroxy-1-phenyl-1H-pyrazole-4-carbaldehyde via multicomponent reaction // 23rd European symposium on organic chemistry (ESOC 2025), Copenhagen, 29 June - 03 July 2025. Copenhagen : ESOC. 2025, p. 1. [M.kr.: N 003]
129. [T3; CY; OA] **Zubas, A.R.; Denafas, G.; Griškonis, E.; Kruopienė, J.** Mechanical and thermal treatment for recycling photovoltaic modules // CYPRUS 2025: 12th international conference on sustainable solid waste management, 25-28 June 2025, Paphos, Cyprus: proceedings. [S.l.] : [s.n.]. 2025, p. 1-2. [M.kr.: T 004]
130. [T2; NL] **Užupis, Marius; Syrpas, Michail; Kitrytė-Syrpa, Vaida.** Pressurised ethanol/water extraction of chlorogenic acid and antioxidant-rich fractions from *Inula salicina* L. // 2nd GHI World Congress "Connecting food security, safety, health and sustainability - challenges ahead", 25-27 June 2025, Rotterdam, The Netherlands / Gerhard Schleining, Diana Bogueva, Nicola Stanley, Anita Habershuber (eds.). Rotterdam : GHI (Global Harmonisation Initiative), 2025, #291. ISBN 9783200104372. p. 108. [M.kr.: T 005]
131. [T3; NL; OA] **Amobonye, Ayodeji; Nasif, Muhammad; Bendoraitiene, Joana; Peculyte, Laura; Rutkaite, Ramune.** Optimized synthesis of acetylated starch octenyl succinates and study of thermal properties // EPF European Polymer Congress 2025: 22-27 June 2025, Groningen, the Netherlands. Groningen : EPF. 2025, P365, p. 1-2. [M.kr.: T 005, N 003]
132. [T3; FR] **Kaur, Khushdeep; Butkutė, Rita; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro; Gražulevičius, Juozas V.** Achieving high-performance NIR photodetection via precise molecular engineering: from synthesis to organic photodetector performance // Mecareact 2025: Vibrational and electronic spectroscopies applied to the study of reaction mechanisms, 15-20 June 2025, Paris, France: book of poster abstracts. Paris : [s.n.]. 2025, p.

40. [M.kr.: T 008, T 005]

133. [T3; US; OA] **Sabaliauskė, Ingrida; Augustiniene, Ernesta; Malys, Naglis**. Development and application of genotoxic acid-biosensor // *Metabolic engineering 16*: 15-19 June 2025, Tivoli, Italy. New York : American Institute of Chemical Engineers (AIChE). 2025, p. 1. [M.kr.: T 005]
134. [T3; US; OA] **Augustiniene, Ernesta; Kutraite, Ingrida; Malys, Naglis**. Development of transcription factor-based biosensors for studying synthesis and degradation of naturally occurring compounds // *Metabolic engineering 16*: 15-19 June 2025, Tivoli, Italy. New York : American Institute of Chemical Engineers (AIChE). 2025, p. 1-2. [M.kr.: T 005]
135. [T3; FR] **Sargsyan, Svetlana; Stanitska, Mariia; Keruckiene, Rasa; Rashid, Ehsan Ullah; Volyniuk, Dmytro; Andruleviciene, Viktorija; Grazulevicius, Juozas Vidas**. Oxygen sensing properties of the derivatives of dibenzothiophene and carbazole exhibiting room-temperature phosphorescence // *Mecareact 2025: Vibrational and electronic spectroscopies applied to the study of reaction mechanisms*, 15-20 June 2025, Paris, France: book of poster abstracts. Paris : [s.n.]. 2025, p. 69. [M.kr.: T 005, T 008]
136. [T2; SK] **Bilgin, Hakki; Kitrytė-Syrpa, Vaida; Syrpas, Michail**. Enhancing *Chlorella vulgaris* fermentation: Investigating effective pre-treatment techniques // XXIII European Conference on Food Chemistry EUROFOODCHEM XXIII, 11-13 June 2025, Bratislava, Slovakia: book of abstracts / edited by: Z. Ciesarová, L. Kolarič, I.Vovk, K. Cejpek. Lužianky : National Agricultural and Food Centre, 2025, PP-In06. ISBN 9788089162963. p. 193. [M.kr.: T 005]
137. [T2; SK] **Aboobacker, Shahana; Bilgin, Hakki; Kazernavičiūtė, Rita; Šipailienė, Aušra; Rutkaitė, Ramunė; Kitrytė-Syrpa, Vaida; Syrpas, Michail**. Fermentation-induced nutritional and physicochemical changes in microalgae // XXIII European Conference on Food Chemistry EUROFOODCHEM XXIII, 11-13 June 2025, Bratislava, Slovakia: book of abstracts / edited by: Z. Ciesarová, L. Kolarič, I.Vovk, K. Cejpek. Lužianky : National Agricultural and Food Centre, 2025, OP-In03. ISBN 9788089162963. p. 70. [M.kr.: T 005]
138. [T2; SK] **Imamou Hassani, Mouandhe**. Mitigating acrylamide formation using food waste materials – a sustainable solution // XXIII European Conference on Food Chemistry EUROFOODCHEM XXIII, 11-13 June 2025, Bratislava, Slovakia: book of abstracts / edited by: Z. Ciesarová, L. Kolarič, I.Vovk, K. Cejpek. Lužianky : National Agricultural and Food Centre, 2025, PP-S09. ISBN 9788089162963. p. 244. [M.kr.: T 005]
139. [T2; SK] **Užupis, Marius; Kitrytė-Syrpa, Vaida; Syrpas, Michail**. Optimization of pressurized liquid extraction for efficient recovery of valuable polar antioxidant fractions from *Gnaphalium uliginosum* L. // XXIII European Conference on Food Chemistry EUROFOODCHEM XXIII, 11-13 June 2025, Bratislava, Slovakia: book of abstracts / edited by: Z. Ciesarová, L. Kolarič, I.Vovk, K. Cejpek. Lužianky : National Agricultural and Food Centre, 2025, PP-In44. ISBN 9788089162963. p. 232. [M.kr.: T 005]
140. [T2; SK] **Nagybákay, Nora Emilia; Syrpas, Michail; Jaskūnas, Andrius; Šipailienė, Aušra; Venskutonis, Petras Rimantas; Kitrytė-Syrpa, Vaida**. Optimized recovery of valuable bioactive fractions from CO-delipidated hop residues using pressurized ethanol extraction // XXIII European Conference on Food Chemistry EUROFOODCHEM XXIII, 11-13 June 2025, Bratislava, Slovakia: book of abstracts / edited by: Z. Ciesarová, L. Kolarič, I.Vovk, K. Cejpek. Lužianky : National Agricultural and Food Centre, 2025, PP-W12. ISBN 9788089162963. p. 171-172. [M.kr.: T 005]
141. [T2; SK] **Aleknavičiūtė, Orinta; Jūrienė, Laura; Baranauskienė, Renata; Venskutonis, Petras Rimantas**. Recovery and fractionation of bioactives of industrial hemp leaves: Green vs traditional methods // XXIII European Conference on Food Chemistry EUROFOODCHEM XXIII, 11-13 June 2025, Bratislava, Slovakia: book of abstracts / edited by: Z. Ciesarová, L. Kolarič, I.Vovk, K. Cejpek. Lužianky : National Agricultural and Food Centre, 2025, PP-W24. ISBN 9788089162963. p. 183. [M.kr.: T 005]
142. [T2; SK] **Abbas, Sana; Venskutonis, Petras Rimantas**. Screening of antioxidants of *Paeonia officinalis* and *Paeonia anomala* leaves and roots using high pressure extraction techniques // XXIII European Conference on Food Chemistry EUROFOODCHEM XXIII, 11-13 June 2025, Bratislava, Slovakia: book of abstracts / edited by: Z. Ciesarová, L. Kolarič, I.Vovk, K. Cejpek. Lužianky : National Agricultural and Food Centre, 2025, PP-In01. ISBN 9788089162963. p. 188. [M.kr.: T 005]
143. [T2; SK] **Jūrienė, Laura; Morkūnienė, Vita; Venskutonis, Petras Rimantas**. Sustainability driven innovation for the zero-waste biorefining of sour cherry pomace into the high nutritional value ingredients // XXIII European Conference on Food Chemistry EUROFOODCHEM XXIII, 11-13 June 2025, Bratislava, Slovakia: book of abstracts / edited by: Z. Ciesarová, L. Kolarič, I.Vovk, K. Cejpek. Lužianky : National Agricultural and Food Centre, 2025, OP-In03. ISBN 9788089162963. p. 132. [M.kr.: T 005]
144. [T2; CH; OA] **Pupiute, Aiste; Ciuzas, Darius; Baniukaitiene, Odeta; Gasiulyte, Eidvyle; Martuzevicius, Dainius; Krugly, Edvinas**. Gradient pore scaffolds for in vitro organ-on-chip platforms // *ALTEX Proceedings: MPS World Summit 2025: Abstracts of the 4th Microphysiological Systems World Summit*, 9-13 June 2025, Brussels, Belgium. Zürich : ALTEX. ISSN 2194-0479. 2025, vol. 13, iss. 1, poster no. 971, p. 440. [M.kr.: T 004]
145. [T2; LT; OA] **Kaunelienė, Violeta; Martuzevičius, Dainius; Ilonienė, Julija**. Applying challenge-based learning in eco-entrepreneurship education for environmental engineering Msc students // *Abstract book of the*

2nd international teaching and education conference, 6 June 2025, Brussels, Belgium. Vilnius : Diamond scientific publishing, 2025. ISBN 9786094856518. p. 1. [M.kr.: T 004, S 004]

146. [T3; LT; OA] **Onoriode Afunezie, Maria Anthoniette Oghenetejiro; Šulčiūtė, Agnė**. Comparative study of TiO₂ nanostructures on AISI 316 steel and titanium substrates for photocatalytic applications // International conference celebrating the 220th anniversary of the first theory of electrolysis by Theodor von Grotthuss, 4-6 June 2025, Vilnius, Lithuania. Vilnius : Center for Physical Sciences and Technology (FTMC). 2025, P-009, p. 1. [M.kr.: N 003, T 005]
147. [T3; LT; OA] **Barauskienė, Ieva; Valatka, Eugenijus**; Bočkutė, Kristina; Chimičius, Titas; Laukaitis, Giedrius. Copper-doped iron oxide coatings as efficient electrocatalysts for alkaline water electrolysis // International conference celebrating the 220th anniversary of the first theory of electrolysis by Theodor von Grotthuss, 4-6 June 2025, Vilnius, Lithuania. Vilnius : Center for Physical Sciences and Technology (FTMC). 2025, P-070, p. 1. [M.kr.: N 003, N 002]
148. [T3; LT; OA] **Jurgelionytė, Rugilė; Barauskienė, I.**; Laukaitis, G.; **Valatka, E.** Electrocatalytic activity of zirconium nitride in hydrogen evolution reaction // International conference celebrating the 220th anniversary of the first theory of electrolysis by Theodor von Grotthuss, 4-6 June 2025, Vilnius, Lithuania. Vilnius : Center for Physical Sciences and Technology (FTMC). 2025, P-026, p. 1. [M.kr.: N 003]
149. [T3; LT; OA] **Magomedov, Artiom**. Molecular innovations for tandem solar cells: the impact of 2PACz and related materials // International conference celebrating the 220th anniversary of the first theory of electrolysis by Theodor von Grotthuss, 4-6 June 2025, Vilnius, Lithuania. Vilnius : Center for Physical Sciences and Technology (FTMC). 2025, I-002, p. 1. [M.kr.: N 003]
150. [T2; LT; OA] **Lekavičius, D.; Keruckienė, R.** Elektroaktyvių junginių, skirtų organiniams šviesos diodams, savybių priklausomybės nuo struktūros tyrimas // Studentų moksliniai tyrimai 2024/2025: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2025, p. 119. [M.kr.: T 005]
151. [T2; LT; OA] **Pranaitytė, G.; Grybaitė, B.** Funkcionalizuotų 3-[(2,4-difluorfenil)amino] propano rūgšties darinių sintezė ir biologinių savybių tyrimas // Studentų moksliniai tyrimai 2024/2025: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2025, p. 49-51. [M.kr.: N 003]
152. [T2; LT; OA] **Mikučiūnaitė, J.; Getautis, V.** Izotriurono fragmentą turinčių karboksirūgščių sintezė ir pritaikymas perovskitinių kompozicijų pasyvavimui saulės elementuose // Studentų moksliniai tyrimai 2024/2025: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2025, p. 61-62. [M.kr.: N 003]
153. [T2; LT; OA] **Aliukonytė, N.; Šiaučiūnas, R.** Kalcinavimo dulkių priedo įtaka CO₂ aplinkoje kietėjančio betono savybėms ir mineralinei sudėčiai // Studentų moksliniai tyrimai 2024/2025: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2025, p. 140-142. [M.kr.: T 005]
154. [T2; LT; OA] **Kirstukas, M.; Grigalevičius, S.**; Ko, Chih-Hung; Lo, Cai-Fan; Chang, Chih-Hao; **Tavgenienė, D.** Nauji karbazolo fragmentus turintys junginiai kaip matricos organiniams šviestukams // Studentų moksliniai tyrimai 2024/2025: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2025, p. 138-139. [M.kr.: T 005]
155. [T2; LT; OA] **Čalkaitė, I.; Jonuškienė, I.; Malinauskytė, E.** Raudonojo baziliko (*Ocimum basilicum* L.) kaliaus kultūrų ekstraktų potencialas kosmetikoje: antioksidacinės, fitocheminės savybės ir apsauga nuo UV spindulių // Studentų moksliniai tyrimai 2024/2025: konferencijos pranešimų santraukos. Vilnius : Lietuvos mokslo taryba. ISSN 2669-2074. 2025, p. 128-130. [M.kr.: N 003]
156. [T3; LT; OA] **Tverskytė, Greta; Klizaitė, Margarita; Blažys, Martynas; Bašinskienė, Loreta (temos vadovas)**. Black chocolate cookies with chili flakes // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 22-23. [M.kr.: T 005]
157. [T3; LT; OA] **Eesha, Sulaiman; Shahzad, Muhammad Ahsan; Bašinskienė, Loreta (temos vadovas)**. Cheese onion paratha: a fusion of flavor, tradition, and modern convenience // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 24-25. [M.kr.: T 005]
158. [T3; LT; OA] **Bilgin, Hakki; Syrpas, Michail (temos vadovas)**. ChloreUp: probiotic-enhanced fermented algae *Chlorella vulgaris* for health innovation // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 13-14. [M.kr.: T 005]
159. [T3; LT; OA] **Somaitė, Neringa; Keibas, Arnoldas; Bašinskienė, Loreta (temos vadovas)**. Cookies with chia seeds, dark chocolate, and bee pollen – innovative, sweet, crunchy, and beneficial for health // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 20-21. [M.kr.: T 005]
160. [T3; LT] **Stankaitytė, Agnė; Neverauskas, Gintas; Kaminskaitė, Aura (temos vadovas)**. Crispy cookies “Traški nostalgija” // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 6. [M.kr.: T 005]
161. [T3; LT; OA] **Hossain, Md. Sagar; Bašinskienė, Loreta (temos vadovas)**. High-protein cookies with whey protein and almond // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 18-19. [M.kr.: T 005]
162. [T3; LT; OA] **Uzdila, Taurantas; Tichonovas, Martynas; Jankūnaitė, Dalia; Urniežaitė, Inga (temos**

- vadovas**). KarTU su VANDENVALA: a smart monitoring system for individual domestic wastewater treatment plants // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 15-17. [M.kr.: T 004]
163. [T3; LT] Lu, Ming-Chun (konsultantas, specializuotos srities); **Družaitė, Paulina; Martuzevičius, Dainius (temos vadovas)**. Ni-Cu catalyst for cleaner water – science against pollution // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 11-12. [M.kr.: T 004]
 164. [T3; LT; OA] **Antanaitytė, Meda; Surdokaitė, Meda**; Kaušpėdas, Emilijus; Salyga, Gabrielius; Mizaras, Valdas; **Bučinskas, Audrius (temos vadovas)**. Optimization of a model for organic compound generation // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 26-27. [M.kr.: T 005, T 007]
 165. [T3; LT; OA] **Trakšelytė, Gabija; Šileikaitė, Aušra; Kvietkaitė, Beata; Bašinskienė, Loreta (temos vadovas)**; Rūtelionė, Aušra (temos vadovas). Sugar-free biscuits with no added sugar // Technorama 2025: Let's make it!: catalogue. Kaunas : KTU. 2025, p. 102-104. [M.kr.: T 005]
 166. [T2; LT; OA] **Barauskienė, I.**; Bočkutė, K.; Šikšnys, D.; Vaičys, J.; Øygarden, V.; Rørvik, P.M.; Denonville, C.; **Valatka, E.**; Laukaitis, G. AMPROSE - green ammonia pathway for a decarbonized energy system in the Baltic-Nordic region // CYSENI' 2025: 21st international conference of young scientists on energy and natural sciences issues, 20-22 May 2025, Kaunas, Lithuania: [proceedings]. Kaunas : Lithuanian Energy Institute. ISSN 2783-6339. 2025, p. 21. [M.kr.: N 003, N 002, T 006]
 167. [T2; LT; OA] **Jurgelionytė, R.; Barauskienė, I.**; Laukaitis, G.; **Valatka, E.** Structure and electrocatalytic activity of zirconium nitride coatings on stainless steel // CYSENI' 2025: 21st international conference of young scientists on energy and natural sciences issues, 20-22 May 2025, Kaunas, Lithuania: [proceedings]. Kaunas : Lithuanian Energy Institute. ISSN 2783-6339. 2025, p. 19-20. [M.kr.: N 003, N 002]
 168. [T2; US; OA] **Pupiute, Aiste; Ciužas, Darius; Baniukaitienė, Odeta; Martuzevicius, Dainius; Krugly, Edvinas**; Bernotienė, Eiva; Bagdonas, Edvardas; Ragauskas, Tomas; Žemaitienė, Vaiga. Next-generation gradient pore scaffolds integrated with hyaluronic acid hydrogel for advanced in vitro research // Tissue engineering Part A: TERMIS-EU Congress 2025: 20-23 May 2025, Freiburg, Germany. Thousand Oaks, CA : SAGE. ISSN 1937-3341. eISSN 1937-335X. 2025, vol. 31, iss. 11-12, TERMIS25_549, e382. [M.kr.: T 004, M 001, N 003]
 169. [T2; LT; OA] **Matijūnas, Mindaugas; Ivanauskas, Remigijus**. Protozoan tetrahymena termophila modification via selective breeding in order to acquire resistance to heavy metals // CYSENI' 2025: 21st international conference of young scientists on energy and natural sciences issues, 20-22 May 2025, Kaunas, Lithuania: [proceedings]. Kaunas : Lithuanian Energy Institute. 2025, p. 122-123. [M.kr.: N 003]
 170. [T2; RS; OA] **Žmuidzinavičienė, Nerita; Statkevičius, Vasaris; Griškonis, Egidijus**. Corrosion of Mn coatings in a salt spray chamber // Advances in solid state physics and new materials, 19 – 23 May 2025, Belgrade, Serbia: book of abstracts / editors Bojana Višić and Andrijana Šolajić. Belgrade : Institute of Physics, 2025. ISBN 9788682441656. p. 194. [M.kr.: N 003]
 171. [T2; RS; OA] **Petrasauskiene, N.; Paluckiene, E.**; Curcic, M.; Gilic, M.; Hadzic, B.; Mitric, J. Investigation of CuxS layers on polymers surface by SEM and RAMAN // Advances in solid state physics and new materials, 19 – 23 May 2025, Belgrade, Serbia: book of abstracts / editors Bojana Višić and Andrijana Šolajić. Belgrade : Institute of Physics, 2025. ISBN 9788682441656. p. 187. [M.kr.: N 003]
 172. [T2; RS; OA] **Tumosienė, Ingrida**; Gruodis, Alytis; **Kantminienė, Kristina**. Synthesis and quantum chemistry evaluation of hydrazones bearing 5-oxo-1-(4-(phenylamino)phenyl)pyrrolidine moiety // Advances in solid state physics and new materials, 19 – 23 May 2025, Belgrade, Serbia: book of abstracts / editors Bojana Višić and Andrijana Šolajić. Belgrade : Institute of Physics, 2025. ISBN 9788682441656. p. 167. [M.kr.: N 003, N 002]
 173. [T2; LT; OA] **Kaur, Khushdeep; Butkutė, Rita; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro; Gražulevičius, Juozas V.** Carbazole-based near-infrared absorbing organic photodetectors: design, synthesis and characterization // 19th international scientific conference "The vital nature sign", 15-16 May 2025, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2025, p. 52. [M.kr.: T 008, T 005]
 174. [T2; LT; OA] **Naghizade, R.; Kalatozishvili, A.; Keruckiene, R.; Grazulevicius, J.V.** Derivatives of 2,7-dibromo-9,9-dimethyl-9H-fluorene and 2,7-dibromo-9,9-spirobifluorene as electroactive materials // 19th international scientific conference "The vital nature sign", 15-16 May 2025, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2025, p. 56. [M.kr.: T 005]
 175. [T2; LT; OA] Kulikauskaitė, Beatričė; **Sapijanskaitė-Banevič, Birutė**; Zinovičius, Antanas; Mockaitis, Tomas; Ramanavičius, Arūnas. Development of a microbial biofuel cell using biocompatible nanocomposites // 19th international scientific conference "The vital nature sign", 15-16 May 2025, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2025, p. 53. [M.kr.: N 003, N 002]
 176. [T2; LT; OA] **Abdella, Mohamed; Guzauskas, Matas; Simokaitiene, Jurate; Grazulevicius, Juozas Vidas**. Imidazole and fluorene derivatives as highly efficient fluorescent light sources: synthesis and investigation // 19th international scientific conference "The vital nature sign", 15-16 May 2025, Kaunas, Lithuania: abstract

book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2025, p. 40. [M.kr.: T 008, T 005]

177. [T2; LT; OA] **Blazevicius, Dovydas; Beresneviciute, Raminta; Grigalevicius, Saulius**; Heb, Zih-Ru; Yangb, Fong-Yu; Chang, Chih-Hao. Multifunctional Carbazole-Dibenzofuran derivatives as emitters and exciplex-forming co-hosts for organic LEDs // 19th international scientific conference "The vital nature sign", 15-16 May 2025, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2025, p. 43. [M.kr.: T 005]
178. [T2; LT; OA] **Matijūnas, Mindaugas; Ivanauskas, Remigijus**. Protozoan-based sustainable biofilter for heavy metal remediation // 19th international scientific conference "The vital nature sign", 15-16 May 2025, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2025, p. 55. [M.kr.: T 005, N 003]
179. [T2; LT; OA] **Ghasemi, Melika**; Cameron, Joseph; Lin, Woon Kai; **Volyniuk, Dmytro**; Skabara, Peter J.; **Gražulevičius, Juozas V.**; Sini, Gjergji. Ultrafast TADF In carbazole-triazine derivatives for high-efficiency OLEDs through rapid triplet harvesting // 19th international scientific conference "The vital nature sign", 15-16 May 2025, Kaunas, Lithuania: abstract book / editors: A. Maruška, N. Tiso, V. Kaškonienė, M. Stankevičius. Kaunas : Vytauto Didžiojo universitetas. ISSN 2335-8653. eISSN 2335-8718. 2025, p. 23. [M.kr.: T 008]
180. [T2; LT; OA] **Kuneikytė, Roberta; Bartkevičiūtė, Ieva; Šačkus, Algirdas; Kederienė, Vilija; Malinauskienė, Vida**; Žukauskaitė, Asta. 5-heteroaryl-1,3,4-oxadiazol-2-thiols:synthesis, alkylation, acylation and biotesting // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-5, p. 417. [M.kr.: N 003]
181. [T2; LT; OA] **Jūrienė, Laura; Jovaišaitė, Jovita; Venskutonis, Petras Rimantas**. Antioxidant activity of Dioscorea caucasica and Dioscorea nipponica leaves and roots extracts obtained by different extraction methods // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-97, p. 508. [M.kr.: T 005]
182. [T2; LT; OA] **Oksaitė, Dovilė; Šlinkšienė, Rasa**. Assumptions for modeling nitrogen biofertilizer granulation // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-44, p. 456. [M.kr.: N 003]
183. [T2; LT; OA] **Melnikas, Aistis; Žalenkienė, Skirma**. Bismuth sulfide thin film synthesis and deposition on float glass // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P2-88, p. 308. [M.kr.: N 003]
184. [T2; LT; OA] **Jegorovė, Aistė**; Xia, Jianxing; **Steponaitis, Matas; Daškevičienė, Marytė**; Jankauskas, Vygintas; Gruodis, Alytis; Kamarauskas, Egidijus; Nazeeruddin, Mohammad Khaja; **Getautis, Vytautas**. Branchedfluorenylidene derivatives with low ionization potentials as hole-transporting materials for perovskite solar cells // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-103, p. 514. [M.kr.: N 003, N 002]
185. [T2; LT; OA] **Loveikytė, Miglė; Malys, Naglis; Augustienė, Ernesta**. Characterization of DesR-dependend vanillic and Syringic acids-inducible system from Sphingobium sp. SYK-6 // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-72, p. 384. [M.kr.: T 005]
186. [T2; LT; OA] **Šermukšnytė, Aida**; Stasevych, Maryna; Komarovska-Porokhnyavets, Olena; Zvarych, Viktor; **Kiltinavičius, Juozas; Talačkaitė, Simona; Tumosienė, Ingrida; Kantminienė, Kristina**. Design and molecular docking studies of pyridine-1,2,4-triazole-3-thione derivatives as potential anticancer drug candidates // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-7, p. 323. [M.kr.: T 005, N 003]
187. [T2; LT; OA] **Blazevicius, Dovydas; Kručaitė, Gintarė; Grigalevičius, Saulius**; Dimitriev, Oleg. Design of a twisted double donor in carbazole-methylpyrimidine-based emitters leading to the triple charge-transfer emission // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-42, p. 179. [M.kr.: T 005]
188. [T2; LT; OA] **Sutkus, Evaldas; Krylova, Valentina**. Determination of etching parameters for structural textiles to improve adhesion to inorganic semiconductors // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-92, p. 221. [M.kr.: T 005]

189. [T2; LT; OA] **Lukošiūnas, Jokūbas; Sabaitė, Martyna; Baniukaitienė, Odeta.** Development of bioactive 3D-printed polylactic acid and hydroxyapatite scaffolds for bone tissue engineering // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-70, p. 481. [M.kr.: T 005]
190. [T2; LT; OA] **Sargsyan, Svetlana; Keruckiene, Rasa; Rashid, Ehsan Ullah; Guzauskas, Matas; Volyniuk, Dmytro; Andruleviciene, Viktorija; Grazulevičius, Juozas Vidas.** Donor-acceptor-donor type fluorescent emitters with benzothiadiazole cores as promising materials for OLEDs // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-55, p. 190. [M.kr.: T 005, T 008]
191. [T2; LT; OA] **Ginkutė, Julija; Užupis, Marius; Syrpas, Michail; Kitrytė-Syrpa, Vaida.** Efficient recovery of antioxidant-rich extracts from bogbean (*Menyanthes trifoliata* L.) leaves // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-95, p. 506. [M.kr.: T 005]
192. [T2; LT; OA] **Užupytė, Agnė; Šačkus, Algirdas; Arbačiauskienė, Eglė.** Efficient two-step synthesis of novel imidazopyrazolooxazepines // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-78, p. 489. [M.kr.: N 003]
193. [T2; LT; OA] **Jurgelionytė, R.; Barauskienė, I.; Laukaitis, G.; Valatka, E.** Electrochemical behaviour of zirconium thin films on stainless steel in her // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-100, p. 511. [M.kr.: N 003, N 002]
194. [T2; LT; OA] **Dvylys, Lukas; Keruckiene, Rasa; Volyniuk, Lesia; Volyniuk, Dmytro; Grazulevicius, Juozas V.** Emissive tags based on phenoxathiin containing donor-acceptor type compounds with enhanced room temperature phosphorescence // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-98, p. 227. [M.kr.: T 008, T 005]
195. [T2; LT; OA] **Abbas, Tasawar.** Environmental implications of diverse rhizospheric communities of bacteria for natural weed suppression alongside crop growth stimulation // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-78, p. 390. [M.kr.: T 005]
196. [T2; LT; OA] **Krucaite, Gintare; Tavgeniene, Daiva; Grigalevičius, Saulius;** Bogoslovska, Alla; Ali, Amjad; Baryshnikov, Glib; Smertenko, Petro; Fahlman, Mats; Smertenko, Andrei; Dimitriev, Oleg. Ethyl cellulose as a host material for thermally-activated delayed fluorescence emitters // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-44, p. 181. [M.kr.: T 005]
197. [T2; LT; OA] **Lukošiūtė, Paulina.** Evaluation of phytochemicals and bioactivity in broccoli (*Brassica Oleracea* var. *Italica*) callus cultures in vitro // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-99, p. 411. [M.kr.: T 005]
198. [T2; LT; OA] **Daškevičiūtė, Šarūnė;** Zhang, Yi; **Rakštys, Kasparas; Daškevičienė, Marytė;** Jankauskas, Vygtintas; Nazeeruddin, Mohammad Khaja; **Getautis, Vytautas.** Facile and low-cost design alternative of Spiro-OMeTAD as semiconductor for efficient perovskite solar cells // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-102, p. 513. [M.kr.: N 003, N 002]
199. [T2; LT; OA] **Turilinaitė, Lidija; Šarapajevaitė, Gabrielė; Dambrauskas, Tadas.** Formation of carbonated hydroxyapatite under hydrothermal conditions // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-87, p. 498. [M.kr.: T 005]
200. [T2; LT; OA] **Matijūnas, Mindaugas; Ivanauskas, Remigijus.** Heavy metal bioaccumulation capacity in protozoa - tetrahymena termophila // Open readings 2025: 68th international conference for students of physics

and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-57, p. 369. [M.kr.: N 003]

201. [T2; LT; OA] **Abdella, Mohamed; Guzauskas, Matas; Simokaitiene, Jurate; Grazulevicius, Juozas Vidas.** Imidazole and fluorene derivatives as highly efficient fluorescent light sources: synthesis and investigation // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-56, p. 191. [M.kr.: T 005, T 008]
202. [T2; LT; OA] **Tiskute, Monika; Baltakys, Kęstutis; Dambrauskas, Tadas.** Influence of Cu²⁺ ionson the formation of hydroxyapatite under different synthesis methods // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-88, p. 499. [M.kr.: T 005]
203. [T2; LT; OA] **Aleksaitytė, Gabija; Pocienė, Odeta; Šlinkšienė, Rasa.** Influence of raw material origin on the concentration of nitrogen, phosphorus and potassium in bulk organic fertilizers // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-46, p. 458. [M.kr.: N 003]
204. [T2; LT; OA] **Volyniuk, Lesia; Melnykov, Serhii; Arsenyan, Pavel; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro; Stakhira, Pavlo; Bucinskas, Audrius; Grazulevicius, Juozas Vidas.** Investigations of photophysical properties of derivatives of phenothiazine and differently modified 3,5-dicyanopyridine for down-converting white light-emitting diodes // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-45, p. 182. [M.kr.: T 008, T 005]
205. [T2; LT; OA] **Didžiulytė, Eglė; Šlinkšienė, Rasa.** Liquid nitrogen-calcium-magnesium fertilizer withextract from biodegradable materials // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-47, p. 459. [M.kr.: N 003]
206. [T2; LT; OA] **Statkevičius, Vasaris; Žmuidzinavičienė, Nerita; Griškonis, Egidijus.** Manganese coatings: temperature influence on eletrochemical Deposition // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-85, p. 496. [M.kr.: N 003]
207. [T2; LT; OA] **Jūrienė, Laura; Pukalskienė, Milda.** Mechanically fractionated black currant seeds and skins as a valuable source of bioactive compounds // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-96, p. 507. [M.kr.: T 005]
208. [T2; LT; OA] **Nasif, Muhammad; Amobonye, Ayodeji; Bendoraitiene, Joana; Peculyte, Laura; Meri, Remo Merijs; Yeh, Shu-Kai; Rutkaite, Ramune.** Modification of corn starch via succinylation and acetylation // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-72, p. 483. [M.kr.: T 005]
209. [T2; LT; OA] **Beresneviciute, Raminta; Tavgeniene, Daiva; Blazevicius, Dovydas; Chen, Kuan-Wei; Chen, Yu-Hsuan; Grigalevicius, Saulius; Chang, Chih-Hao.** New carbazole-based derivatives as host materials for very efficient OLEDs // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-39, p. 176. [M.kr.: N 003, T 005]
210. [T2; LT; OA] **Ghasemi, Melika; Stanitska, Mariia; Sargsyan, Svetlana; Volyniuk, Dmytro; Keruckienė, Rasa; Grazulevicius, Juozas Vidas.** Novel hole-transporting materials with high hole mobility for efficient and stable red OLEDs // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-54, p. 184. [M.kr.: T 005, T 008]
211. [T2; LT; OA] **Berenis, Domantas; Butkutė, Rita; Kreiza, Gediminas; Puidokas, Giedrius; Jašinskaitė-Koženiauskienė, Vaida; Kazlauskas, Karolis.** Novel host materials for stable blue thermally activated delayed fluorescence OLEDs // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J.

Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-50, p. 187. [M.kr.: N 003, N 002]

212. [T2; LT; OA] **Žitinevičiūtė, Milda; Steponaitis, Matas**. Organic dyes as self-assembled monolayers for photovoltaic devices // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-99, p. 510. [M.kr.: N 003]
213. [T2; LT; OA] **Tavgeniene, Daiva; Blazevicius, Dovydas; Grigalevicius, Saulius; Krucaite, Gintare; Kazlauskas, Karolis; Banevicius, Dovydas; Jankauskas, Vygintas; Kamarauskas, Egidijus**. Phenanthro(9,10-d)having electroactive derivatives as host materials for OLEDs // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-49, p. 186. [M.kr.: N 003, N 002]
214. [T2; LT; OA] **Liudvinavičiūtė, Dovilė; Navikaitė-Šnipaitienė, Vesta; Kitrytė-Syrpa, Vaida; Syrpas, Michail; Rutkaitė, Ramunė**. Preparation and investigation of arthrospira platensis extract encapsulated in modified starch using different techniques // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-69, p. 480. [M.kr.: T 005]
215. [T2; LT; OA] **Cerkaite, Klaudija; Bendoraitiene, Joana**. Removal of microplastics from water using a cationic starch flocculant // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-40, p. 452. [M.kr.: T 005]
216. [T2; LT; OA] **Kojelis, Jokūbas; Jūrienė, Laura; Baranauskienė, Renata; Maždžierienė, Ramutė; Venskutonis, Petras Rimantas**. Seasonal changes in the volatile profile of scots pine (*Pinus sylvestris*) needle extracts: hydrodistillation vs. supercritical CO extraction // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-94, p. 505. [M.kr.: T 005]
217. [T2; LT; OA] **Mohammed, Hamisu Aliyu; Guzauskas, Matas; Andruleviciene, Viktorija; Volyniuk, Dmytro; Lin, Woon Kai; Ariffin, Azhar; Grazulevicius, Juozas Vidas**. Short-range charge transfer and bipolar charge transport in dibenzo{a,c}imidazophenazine-based emitter with MR-TADF for solution-processable hyperfluorescent OLEDs // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-47, p. 184. [M.kr.: T 005]
218. [T2; LT; OA] **Zeiderytė, Judita**. Studies on antioxidant activity and phytochemical compounds in flax (*Linum usitatissimum* L.) callus cultures in vitro // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-54, p. 366. [M.kr.: T 005]
219. [T2; LT; OA] **Mikučiūnaitė, Justina; Rakštys, Kasparas**. Synthesis and application of isothiuronium moiety containing carboxylic or phosphonic acids in perovskite solar cells // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P2-64, p. 289. [M.kr.: N 003]
220. [T2; LT; OA] **Juraitytė, Gabrielė; Šakalytė, Austėja; Šačkus, Algirdas; Šatkauskienė, Ingrida; Malinauskienė, Vida**. Synthesis and biological activity of 2-substituted-N-heteroarylacetamides // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-3, p. 415. [M.kr.: N 003]
221. [T2; LT; OA] **Vainauskas, Valdas; Mickevicius, Vytautas; Grybaitė, Birutė**. Synthesis and biological evaluation of novel sulfanilamide derivatives // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-2, p. 414. [M.kr.: N 003]
222. [T2; LT; OA] **Morkvėnaitė, Emilija; Savickė, Miglė; Liudvinavičiūtė, Dovilė; Rutkaitė, Ramunė**. Synthesis and characterization of cross-linked copolymers based on dextrin and poly(N-isopropylacrylamide) // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-66, p. 477. [M.kr.: T 005]
223. [T2; LT; OA] **Stankus, Andrius; Marčinskas, Mantas**. Synthesis and investigation of aromatic electron-transporting phosphine oxide compounds // Open readings 2025: 68th international conference for students of

physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P2-62, p. 287. [M.kr.: N 003]

224. [T2; LT; OA] **Musteikis, Skirmantas; Marčinskas, Mantas; Malinauskas, Tadas**. Synthesis and investigation of carbazole and phenoxazine organic semiconductors // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, O14-3, p. 133. [M.kr.: N 003]
225. [T2; LT; OA] **Viltrakis, Povilas; Arbačiauskienė, Eglė; Šačkus, Algirdas; Kederienė, Vilija**. Synthesis and investigation of condensed systems with pyrazole scaffold // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-6, p. 418. [M.kr.: N 003]
226. [T2; LT; OA] **Šereikaite, Vilte; Navaruckiene, Aukse; Lapinskas, Aistis; Ostrauskaite, Jolita**. Synthesis and investigation of photopolymers based on natural oil and glycerol derivatives // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-98, p. 509. [M.kr.: T 005]
227. [T2; LT; OA] **Linkaitė, Gabija; Marčinskas, Mantas**. Synthesis and investigation of self-assembled monolayer benzimidazole derivatives // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-101, p. 512. [M.kr.: N 003]
228. [T2; LT; OA] **Petrulevičius, Julius; Daškevičienė, Marytė; Bubnienė, Giedrė; Juška, Giedrius; Jankauskas, Vygintas; Getautis, Vytautas**. Synthesis and properties of (9-fluorenylidene)malononitrile derivatives as electron transporting materials // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-29, p. 441. [M.kr.: N 003, N 002]
229. [T2; LT; OA] **Kaur, Khushdeep; Butkutė, Rita; Bezvikonnyi, Oleksandr; Volyniuk, Dmytro; Gražulevičius, Juozas Vidas**. Synthesis and studies of long-wavelength absorbing organic semiconductors for optoelectronics // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-57, p. 192. [M.kr.: T 005]
230. [T2; LT; OA] **Talačkaitė, Simona; Šermukšnytė, Aida; Kantminienė, Kristina; Jonuškienė, Ilona; Tumosienė, Ingrida**. Synthesis, characterization, and property prediction of 1-(5-chloropyridin-2-yl)-n-(4-substituted benzylidene)-5-oxopyrrolidine-3-carbohydrazides // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-32, p. 345. [M.kr.: T 005, N 003]
231. [T2; LT; OA] **Kiltinavičius, Juozas; Šermukšnytė, Aida; Kantminienė, Kristina; Jonuškienė, Ilona; Tumosienė, Ingrida**. Synthesis of hydrazones from 3-(4-ethoxyphenyl)aminopropanehydrazide and evaluation of their biological activity in silico // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-96, p. 408. [M.kr.: N 003, T 005]
232. [T2; LT; OA] **Pranaitytė, Guoda; Grybaitė, Birutė; Mickevičius, Vytautas**. Synthesis of n-(2,4-difluorophenyl)-β-alanine derivatives and investigation of their properties // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-77, p. 488. [M.kr.: N 003]
233. [T2; LT; OA] **Starkauskaitė, Aistė; Grybaitė, Birutė; Mickevičius, Vytautas**. Synthesis of new 1-(naphthalen-1-yl)-4-phenyl-1h-imidazole-2-thiol derivatives // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-13, p. 425. [M.kr.: N 003]
234. [T2; LT; OA] **Bertašiūtė, Monika; Mickevičius, Vytautas; Grybaitė, Birutė**. Synthesis of new 3-substituted-6-bromobenzoxazolin-2-one derivatives // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-9, p. 421. [M.kr.: N 003]

235. [T2; LT; OA] **Grybaitė, B.; Starkauskaitė, A.; Mickevičius, V.** Synthesis of new 4-phenyl-1-(3,4,5-trimethoxyphenyl)-1h-imidazole-2-thiolderivatives // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-7, p. 419. [M.kr.: N 003]
236. [T2; LT; OA] **Tutkus, Tomas; Sapijanskaitė-Banevič, Birutė.** Synthesis of new imidazole-2-thioles containing carbazolyl moiety // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-64, p. 475. [M.kr.: N 003]
237. [T2; LT; OA] **Ragauskas, Tomas; Kiltinavičius, Juozas; Tumosienė, Ingrida; Kantminienė, Kristina; Petrikaitė, Vilma.** The effect of novel hydrazone derivatives on human brain, triple-negative breast, and skin cancer cell lines // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P3-1, p. 317. [M.kr.: N 003, T 005]
238. [T2; LT; OA] **Lukauskas, Dainius; Šermukšnytė, Aida; Tumosienė, Ingrida; Kantminienė, Kristina; Petrikaitė, Vilma.** The effect of novel hydrazone derivatives on human lung, triple-negative breast and skin cancer cell 2D and 3D cultures // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, O10-3, p. 108. [M.kr.: N 003, N 004]
239. [T2; LT; OA] **Matutytė, Neringa; Kybartienė, Nora.** The impact of isopropanol treated spent coffee grounds on various properties of building gypsum // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-42, p. 454. [M.kr.: T 005]
240. [T2; LT; OA] **Lukomskis, Laurynas; Peculyte, Laura; Rutkaitė, Ramunė.** The use of coffee silverskin particles as fillers in cellulose acetate based bioplastics // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P4-45, p. 457. [M.kr.: T 005]
241. [T2; LT; OA] **Kleinauskas, Ričardas; Eisinas, Anatolijus; Donėlienė, Jolanta.** Two-stage synthesis of Caa Sib TiO_c compounds // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-41, p. 178. [M.kr.: T 005]
242. [T2; LT; OA] **Amobonye, Ayodeji; Bendoraitiene, Joana; Peculyte, Laura; Rutkaite, Ramune.** Valorisation of walnut shell as a source of bioactive derivatives: in silico polyphenol oxidase inhibition and toxicity prediction // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, O11-1, p. 113. [M.kr.: T 005]
243. [T2; LT; OA] **Zubrickaitė, Dominyka; Bronušienė, Asta; Ancutienė, Ingrida.** XRD study of copper-tin sulphide films on fto glass // Open readings 2025: 68th international conference for students of physics and natural sciences: [13-16 May 2025]: book of abstracts / editors: R. Naina, V. Adomaitis, E. Maskvytis, M. Žemaitis, J. Mačiulis, T. Kairys. Vilnius : Vilnius University Press. ISSN 3030-2463. 2025, P1-38, p. 175. [M.kr.: N 003]
244. [T3; US] **Voznikaitė, Paulina; Kederienė, Vilija; Jaglinskaitė, Indrė; Šačkus, Algirdas; Tatibouët, Arnaud.** Design, synthesis and biological assessment of amino-functionalized heterocyclic carboxylates // ACSMEDI – EFMC Medicinal chemistry frontiers 2025: Chicago, Illinois, United States, 12-15 May 2025: book of abstracts. [S.l.] : [Medicinal Chemistry Division of the American Chemical Society]. 2025, P235, p. 240. [M.kr.: N 003]
245. [T3; US] **Savickienė, Viktorija; Bieliauskas, Aurimas; Belyakov, Sergey; Šačkus, Algirdas; Arbačiauskienė, Eglė.** Synthesis and investigation of new fluorescent boron complexes derived from 3-hydroxy-1-phenyl-1h-pyrazole-4-carbaldehyde // ACSMEDI – EFMC Medicinal chemistry frontiers 2025: Chicago, Illinois, United States, 12-15 May 2025: book of abstracts. [S.l.] : [Medicinal Chemistry Division of the American Chemical Society]. 2025, P214, p. 220. [M.kr.: N 003]
246. [T3; IT] **Pocevičiūtė, Gailė; Kaunelienė, Violeta; Bagdonas, Edvardas; Čiužas, Darius; Krugly, Edvinas; Martuzevičius, Dainius.** Aerosol sampling and cytotoxicity assessment on a single filter: „Cells on particles“ platform // WIAC2025: 6th workplace and indoor aerosols conference, 6-8 May 2025, Gaeta, Italy: book of abstracts. [S.l.] : [s.n.]. 2025, p. 17-18. [M.kr.: T 004, M 001]
247. [T3; IT] **Masionis, Justinas; Martuzevičius, Dainius; Čiužas, Darius; Krugly, Edvinas; Tichonovas, Martynas; Prasauskas, Tadas.** Bioaerosol inactivation in various air ionization stages of an air cleaning device // WIAC2025: 6th workplace and indoor aerosols conference, 6-8 May 2025, Gaeta, Italy: book of abstracts. [S.

l.] : [s.n.]. 2025, p. 34. [M.kr.: T 004]

248. [T3; CH] **Jūrienė, Laura; Pukalskas, Audrius; Venskutonis, Petras Rimantas**. Fractionation of lipophilic components of chokeberry pomace by innovative extraction technique // International sustainable resource recovery strategies towards zero waste (FULLRECO4US) by Cost Action: final conference, 5 -7 May 2025, FHNW campus Muttentz, Basel, Switzerland: book of abstracts. Basel : FULLRECO4US. 2025, p. 89. [M.kr.: T 005]
249. [T3; CH] **Venskutonis, Petras Rimantas**. Supercritical CO₂ and pressurized liquid extraction for the recovery of nutrients from the agro-food processing sidestreams and waste: pros and cons // International sustainable resource recovery strategies towards zero waste (FULLRECO4US) by Cost Action: final conference, 5 -7 May 2025, FHNW campus Muttentz, Basel, Switzerland: book of abstracts. Basel : FULLRECO4US. 2025, p. 22. [M.kr.: T 005]
250. [T3; CH] **Imamou Hassani, Mouandhe; Jūrienė, Laura; Venskutonis, Petras Rimantas**. Valorizing hempseed processing byproducts into functional food ingredients using green technologies // International sustainable resource recovery strategies towards zero waste (FULLRECO4US) by Cost Action: final conference, 5 -7 May 2025, FHNW campus Muttentz, Basel, Switzerland: book of abstracts. Basel : FULLRECO4US. 2025, p. 35. [M.kr.: T 005]
251. [T3; US] Torkelis, Arturas; Dvarioniene, Jolanta; **Denafas, Gintaras**. Analysis of factors influencing the recycling of plastic and composite packaging waste using the PESTEL method // ENSURE-2025: 3rd international conference on environmental sustainability through waste and recycling: 23-25 April 2025, Houston, TX: abstract book. Plano, TX : UNITED scientific group. 2025, p. 17. [M.kr.: T 004]
252. [T2; PT] Denafas, G.; Miliauskas, G.; Andriukonis, E.; **Griškonis, E.**; Pitak, I.; Makarevičius, V.; Baltušnikas, A.; Kriukienė, R.; **Šleiniūtė, A.**; **Ivanauskas, R.**; Goljandin, D.; Blumbergs, E.; Shishkin, A. Challenges on Multilayer Composites Desintegration and Materials Recovering for Waste Printed Circuit Boards // Book of Abstracts International Joint Conference Polymers 2025, composites 2025 and 3bs materials tech 2025 16 - 18 April 2025 Albufeira, Portugal. Albufeira : SETCOR. 2025, p. 23. [M.kr.: T 008]
253. [T2; PL] **Kuzborskaja, Karina; Jančaitienė, Kristina**. Fertilizers with organic additives // 13th European young engineers conference (EYEC), Warsaw, 7-9 April 2025: monograph. Warsaw : Warsaw University of Technology, 2025. ISBN 9788395382253. p. 58. [M.kr.: N 003]
254. [T3; LT; OA] Bikulciute, Barbora; Vaiciuleviciute, Raminta; **Ciuzas, Darius; Krugly, Edvinas; Martuzevicius, Dainius**; Uzielienė, Ilona; Pachaleva, Jolita; Bergaud, Christian; Bernotiene, Eiva. Development of cardiac hypertrophy model on 3D scaffolds // The COINS 2025: international conference of life sciences, [March 17-20]: book of abstracts. Vilnius : Vilnius University. 2025, B9, p. 59. [M.kr.: T 004, M 001]
255. [T3; LT; OA] Marcinkevičiūtė, Jovita; **Vainauskas, Valdas; Mickevičius, Vytautas**; Zubrienė, Asta. Structure-affinity relationships of imidazole-bearing carbonic anhydrase inhibitors // The COINS 2025: international conference of life sciences, [March 17-20]: book of abstracts. Vilnius : Vilnius University. 2025, H11, p. 212. [M.kr.: N 003, N 004]
256. [T3; LT; OA] **Starkauskaitė, A.; Grybaitė, B.; Mickevičius, V.** Synthesis and alkylation of 1-(naphthalen-1-yl)-4-phenyl-1H-imidazole-2-thiol // The COINS 2025: international conference of life sciences, [March 17-20]: book of abstracts. Vilnius : Vilnius University. 2025, B11, p. 61. [M.kr.: N 003]
257. [T3; LT; OA] **Viltrakis, Povilas; Arbačiauskienė, Eglė; Šačkus, Algirdas; Kederienė, Vilija**. Synthesis and investigation of condensed systems with pyrazole scaffold // The COINS 2025: international conference of life sciences, [March 17-20]: book of abstracts. Vilnius : Vilnius University. 2025, B12, p. 62. [M.kr.: N 003]
258. [T3; LT; OA] **Pranaitytė, Guoda; Grybaitė, Birutė; Mickevičius, Vytautas**. Synthesis and investigation of n-(2,4-difluorophenyl)-β-alanine derivatives // The COINS 2025: international conference of life sciences, [March 17-20]: book of abstracts. Vilnius : Vilnius University. 2025, B4, p. 54. [M.kr.: N 003]
259. [T3; LT; OA] **Kiltinavičius, Juozas; Šermukšnytė, Aida; Tumosienė, Ingrida; Jonuškienė, Ilona; Kantminienė, Kristina**. Synthesis of 2-pyrrolidinone-azole derivatives and evaluation of their biological activity in silico // The COINS 2025: international conference of life sciences, [March 17-20]: book of abstracts. Vilnius : Vilnius University. 2025, C14, p. 77. [M.kr.: N 003, T 005]
260. [T3; LT; OA] Saghrouchni, Hamza; Šiugždaitė, Jūratė; **Rutkaitė, Ramunė**. The antibacterial activity of different forms of essential oils // The COINS 2025: international conference of life sciences, [March 17-20]: book of abstracts. Vilnius : Vilnius University. 2025, O5, p. 239. [M.kr.: T 005, N 010]
261. [T2; LT] **Aliukonytė, Neda; Šiaučiūnas, Raimundas**. Accelerated carbonation of blended cement pastes // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 25. [M.kr.: T 005]
262. [T2; LT] **Kleinauskas, Ričardas; Eisinas, Anatolijus**. Amorfinio titano dioksido priedo įtaka mažabazių kalcio hidrosilikatų (CaO/SiO₂ = 0,66) susidarymui bei jų savybėms // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto

263. [T2; LT] **Zubrickaitė, Dominyka; Bronušienė, Asta; Ancutienė, Ingrida.** Aplinkai draugiška alavo sulfido sluoksnių sintezė ir iškaitinimo efektas // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 122. [M.kr.: N 003]
264. [T2; LT] **Valančius, Zenonas; Prichockienė, Edita.** Baltų tekstūrinių dažų gamyba, užpildu naudojant gamybos atliekas // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 112. [M.kr.: T 005]
265. [T2; LT] **Lukošiūnas, Jokūbas; Dijokas, Ugnius; Baniukaitienė, Odeta.** Bioaktyvių 3D karkasų modeliavimas kaulinio audinio inžinerijai // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 73. [M.kr.: T 005]
266. [T2; LT] **Užupytė, Agnė; Šačkus, Algirdas; Arbačiauskienė, Eglė.** Efficient two-step synthesis of novel imidazopyrazolooxazepines // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 108. [M.kr.: N 003]
267. [T2; LT] **Lukomskis, Laurynas; Pečiulytė, Laura.** Ekstruzijos būdu gautų celiuliozės diacetato ir kavos lukštų kompozicijų savybės // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 72. [M.kr.: T 005]
268. [T2; LT] **Petrulevičius, Julius; Daškevičienė, Marytė; Bubnienė, Giedrė; Jankauskas, Vygintas; Juška, Giedrius; Getautis, Vytautas.** Elektronų pernaša pasižyminčių (9-fluoreniliden)malononitrilo darinių sintezė ir savybių tyrimas // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 87. [M.kr.: N 003]
269. [T2; LT] **Steponaitytė, Liveta; Šiaučiūnas, Raimundas.** Influence of Al₂O₃ on the crystallinity of 1.13 nm tobermorite // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 101. [M.kr.: T 005]
270. [T2; LT] **Kybartienė, Nora; Matutytė, Neringa.** Kavos tirščių kiekio įtaka statybinio gipso savybėms // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 60. [M.kr.: T 005]
271. [T2; LT] **Šiaučiūnas, Raimundas.** Nehidraulinį kalcio silikatų sintezė ir jų kietėjimas CO₂ aplinkoje // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 17. [M.kr.: T 005]
272. [T2; LT] **Kojelis, Jokūbas; Jūrienė, Laura; Baranauskienė, Renata; Maždžierienė, Ramutė; Venskutonis, Petras Rimantas.** Seasonal variability in the chemical composition of essential oil and extracts from Scots pine (*Pinus sylvestris*) needles in the vicinity of Vilnius: A comparative study of hydrodistillation and supercritical CO extraction // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 63. [M.kr.: T 005]
273. [T2; LT] **Morkvėnaitė, Emilija; Rutkaitė, Ramunė.** Synthesis and responsive behavior of cross-linked dextrin octenylsuccinate-graft-poly(N-isopropylacrylamide) copolymers // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 79. [M.kr.: T 005]
274. [T2; LT] **Sutkus, Evaldas; Krylova, Valentina.** Thermo-oxidative surface modification of hydrophobic PTFE substrates // Chemija ir geomokslai: II-osios nacionalinės chemijos ir geomokslų konferencijos tezės, 2025 m. kovo 14 d., VU Chemijos ir geomokslų fakulteto Geomokslų institutas. Vilnius : Vilniaus universitetas. ISSN 3030-0312. 2025, p. 65. [M.kr.: N 003]
275. [T3; ES] **Aboobacker, S.; Syrpas, M.; Kitrytė-Syrpa, V.** Assessment of physicochemical transformations in *arthrospira platensis* extracts during the fermentation process // II Conference FoodWaStop COST CA22134: 4-5 March 2025, Rectorate of the University of Córdoba, Spain: abstract proceedings. [S.l.] : FoodWaStop. 2025, P4.55, p. 158. [M.kr.: N 003, T 005]
276. [T3; ES] **Mouandhe, I.H.; Laura, T.; Venskutonis, P.R.** Biorefining hemp herb processing by-products into value added functional food ingredients by consecutive supercritical CO₂ and pressurized liquid extractions // II Conference FoodWaStop COST CA22134: 4-5 March 2025, Rectorate of the University of Córdoba, Spain: abstract proceedings. [S.l.] : FoodWaStop. 2025, P4.11, p. 112. [M.kr.: N 003]

277. [T3; ES] **Abbas, Sana; Venskutonis, P.R.** Biorefining of under-investigated botanicals for nutraceutical and functional food applications // II Conference FoodWaStop COST CA22134: 4-5 March 2025, Rectorate of the University of Córdoba, Spain: abstract proceedings. [S.l.] : FoodWaStop. 2025, P4.12, p. 113. [M.kr.: T 005, N 003]
278. [T3; ES] **Bilgin, H.; Kitrytė-Syrpa, V.; Syrpas, M.** Potential of Algae *Chlorella vulgaris* as fermentation substrate for food and nutraceutical applications // II Conference FoodWaStop COST CA22134: 4-5 March 2025, Rectorate of the University of Córdoba, Spain: abstract proceedings. [S.l.] : FoodWaStop. 2025, P4.56, p. 159. [M.kr.: T 005]
279. [T3; PK] **Nasif, Muhammad; Amobonye, Ayodeji; Bendoraitiene, Joana; Peculyte, Laura; Meri, Remo Merijs; Yeh, Shu-Kai; Rutkaite, Ramune.** Modification of corn starch via succinylation and acetylation // 1st international virtual conference for young researchers on applied chemical and biological sciences, ICACBS-2025, 25-26 February 2025: abstract book. Faisalabad : Government College University Faisalabad. 2025, p. 15-16. [M.kr.: N 003, T 005]
280. [T2; RS] **Venskutonis, P.R.; Jūrienė, L.; Baranauskienė, Renata.** Biorefining of botanicals for high added value functional ingredients: modern vs traditional methods // 3rd Greenering international conference, 12-14 February 2025, Khalifa University, Abu Dhabi, United Arab Emirates: book of abstracts / Senka Vidovic, Aleksandra Gavaric, Natasa Nastic (eds.). Novi Sad : Xtractteam Consultancy, 2025. ISBN 9788690725403. p. 118. [M.kr.: T 005]
281. [T2; RS] **Hassani, M.I.; Jūrienė, L.; Venskutonis, P.R.** Biorefining seed press cake into value added functional food ingredients by consecutive supercritical CO₂ and pressurized liquid extractions // 3rd Greenering international conference, 12-14 February 2025, Khalifa University, Abu Dhabi, United Arab Emirates: book of abstracts / Senka Vidovic, Aleksandra Gavaric, Natasa Nastic (eds.). Novi Sad : Xtractteam Consultancy, 2025. ISBN 9788690725403. p. 108. [M.kr.: T 005]
282. [T2; RS] **Venskutonis, P.R.; Jūrienė, L.** Green biorefinery of small fruit pomace // 3rd Greenering international conference, 12-14 February 2025, Khalifa University, Abu Dhabi, United Arab Emirates: book of abstracts / Senka Vidovic, Aleksandra Gavaric, Natasa Nastic (eds.). Novi Sad : Xtractteam Consultancy, 2025. ISBN 9788690725403. p. 100. [M.kr.: T 005]
283. [T2; RS] **Abbas, S.; Venskutonis, P.R.** Valorization of *Desmodium canadense* by evaluating its antioxidant potential and phytochemical composition // 3rd Greenering international conference, 12-14 February 2025, Khalifa University, Abu Dhabi, United Arab Emirates: book of abstracts / Senka Vidovic, Aleksandra Gavaric, Natasa Nastic (eds.). Novi Sad : Xtractteam Consultancy, 2025. ISBN 9788690725403. p. 44. [M.kr.: T 005]
284. [T3; HR; OA] **Imamou H., Mouandhe; Juriene, Laura; Venskutonis, Petras R.** Biorefining hemp processing by-products by supercritical CO₂, pressurized liquid, and enzyme-assisted extractions for the recovery of value-added ingredients // 3rd COST CA22134 FoodWaStop meeting “Sustainable network for agrofood loss and waste prevention, management, quantification and valorisation”: 5-6 February 2025, Zadar, Croatia: abstract book. Zadar : University of Zadar. 2025, P4.28. p. 73. [M.kr.: T 005]
285. [T3; HR; OA] **Bilgin, H.; Kitryte-Syrpa, V.; Syrpas, M.** Biotransformation of *Chlorella vulgaris* through lactic acid fermentation for improved functional value in food applications // 3rd COST CA22134 FoodWaStop meeting “Sustainable network for agrofood loss and waste prevention, management, quantification and valorisation”: 5-6 February 2025, Zadar, Croatia: abstract book. Zadar : University of Zadar. 2025, P4.29. p. 74. [M.kr.: T 005]
286. [T3; HR; OA] **Abbas, S.; Dos Santos L., Cristina; Venskutonis, P.R.; Ibáñez, E.** Screening of natural deep eutectic solvents for selective extraction of antioxidant rich fractions from *Paeonia* spp. // 3rd COST CA22134 FoodWaStop meeting “Sustainable network for agrofood loss and waste prevention, management, quantification and valorisation”: 5-6 February 2025, Zadar, Croatia: abstract book. Zadar : University of Zadar. 2025, P4.30. p. 75. [M.kr.: T 005, N 003]
287. [T3; HR; OA] **Aboobacker, S.; Šipailienė, A.; Kitrytė-Syrpa, V.; Syrpas, M.** Sustainable bioprocessing of microalgal phycocyanin via fermentation and freeze-drying encapsulation: in vitro digestion and storage stability for functional food applications // 3rd COST CA22134 FoodWaStop meeting “Sustainable network for agrofood loss and waste prevention, management, quantification and valorisation”: 5-6 February 2025, Zadar, Croatia: abstract book. Zadar : University of Zadar. 2025, P4.31. p. 76. [M.kr.: N 003, T 005]
288. [T3; ES; OA] **Marčinskis, Mantas; Linkaitė, Gabija; Musteikis, Skirmantas; Malinauskas, Tadas; Getautis, Vytautas.** 2PACz SAM alternatives: synthesis, application and challenges // Proceedings of Asia-Pacific international conference on Perovskite, organic photovoltaics and optoelectronics (IPEROP25), 20-21 January 2025, Kyoto, Japan. Valencia : Fundació Scito. 2025, p. 1. (NanoGe conferences). [M.kr.: N 003]
289. [T3; ES; OA] **Getautis, Vytautas.** Advanced organic molecules for perovskite solar cells // Proceedings of Asia-Pacific international conference on Perovskite, organic photovoltaics and optoelectronics (IPEROP25), 20-21 January 2025, Kyoto, Japan. Valencia : Fundació Scito. 2025, p. 1. (NanoGe conferences). [M.kr.: N 003]
290. [T3; ES; OA] **Krisiune, Deimante; Yi, Yang; Liu, Cheng; Rakstys, Kaspars; Kanatzidis, Mercouri; Sargent, Edward; Getautis, Vytautas.** Enamine-based self-assembling hole transporting monolayers for perovskite solar

cells // Proceedings of Asia-Pacific international conference on Perovskite, organic photovoltaics and optoelectronics (IPEROP25), 20-21 January 2025, Kyoto, Japan. Valencia : Fundació Scito. 2025, p. 1. (NanoGe conferences). [M.kr.: N 003]

291. [T3; ES; OA] **Svirskaitė, Lauryna Monika; Daskeviciene, Maryte; Malinauskas, Tadas**. Smart semiconductor PANDI // Proceedings of Asia-Pacific international conference on Perovskite, organic photovoltaics and optoelectronics (IPEROP25), 20-21 January 2025, Kyoto, Japan. Valencia : Fundació Scito. 2025, poster 076, p. 1. (NanoGe conferences). [M.kr.: N 003]
292. [T3; ES; OA] **Magomedov, Artiom; Drevilkauskaitė, Aida; Gumauskaitė, Kotryna; Getautis, Vytautas**. Synthesis and investigation of the rod-shape carbazole-based phosphonic acid materials // Proceedings of Asia-Pacific international conference on Perovskite, organic photovoltaics and optoelectronics (IPEROP25), 20-21 January 2025, Kyoto, Japan. Valencia : Fundació Scito. 2025, poster 098, p. 1. (NanoGe conferences). [M.kr.: N 003]
293. [P2; GB] Pitak, Inna; Sholokhova, Anastasiia; **Kubiliūtė, Raimonda; Švedaitė, Evelina**. Alternative fuel production from textile waste by torrefaction method // Scientific achievements of contemporary society: proceedings of VI international scientific and practical conference London, United Kingdom, 10-12 January 2025 / editor M.L. Komarytsky. London : Cognum publishing house, 2025. ISBN 9789294721921. p. 189-192. [M.kr.: T 005, T 006, T 004]

MOKSLO, MENO POPULIARINIMO LEIDINIAI IR JŲ DALYS, MULTIMEDIJA

1. [R2a; LT; OA] **Rutkaitė, Ramunė (interviu, duodantis)**. "Mokslo langai" apie bioplastiką: KTU Cheminės technologijos fakulteto profesorė Ramunė Rutkaitė kalba apie bioplastiką. // Mokslo langai: radijo laida, transliuojama per radijo stotis „Pūkas“ ir „Pūkas-2“. Kaunas : UAB „Pūkas“. 2025, liep. 16, garso įrašas. [M.kr.: T 005]
2. [R2a; LT; OA] **Venskutonis, Rimantas**. "Mokslo langai" apie uogų išspaudas, funkcionalųjį maistą, maisto priedus // Mokslo langai: radijo laida, transliuojama per radijo stotis „Pūkas“ ir „Pūkas-2“. Kaunas : UAB „Pūkas“. 2025, liep. 9, garso įrašas. [M.kr.: T 005]
3. [R2a; LT; OA] **Gražulevičius, Juozas Vidas (interviu, duodantis); Simokaitienė, Jūratė (interviu, duodantis); Volyniuk, Dmytro (interviu, duodantis)**. KTU mokslininkai įvertinti mokslo premija už organinių puslaidininkių tyrimus // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2025, kovo 20, vaizdo įrašas. [M.kr.: T 005]
4. [S9; LT; OA] **Krugly, Edvinas (interviu, duodantis); Ūsas, Arvydas (interviu, duodantis); Malinauskas, Mantas (interviu, duodantis); Martuzevičius, Dainius (interviu, duodantis)**. Nebeprireiks dirbtinio sąnario – Lietuvos mokslininkai sukūrė technologiją, kaip atkurti pažeistą kremzlę : pranešimas žiniasklaidai // Lrytas.lt. Kaunas : UAB Lrytas. 2025, kovo 13, p. 1-4. [M.kr.: T 004, M 001]
5. [R2a; LT; OA] **Kaunelienė, Violeta (interviu, duodantis); Vaičiūnas, Tomas (interviu, imantis); Klėjus, Ignas (interviu, imantis)**. Kasdienis medžiagų kokteilis: mokslininkė atskleidžia, kaip tai veikia mūsų kūną // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2025, vas. 22, garso įrašas. [M.kr.: T 004]
6. [S9; LT; OA] **Jankūnaitė, Dalia (interviu, duodantis); Kaunelienė, Violeta (interviu, duodantis)**. Mikroplastikas – geriamajame vandenyje: mokslininkės pataria, kaip to išvengti : pranešimas žiniasklaidai // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2025, vas. 21, p. 1-3. (Mokslas ir IT). [M.kr.: T 004]
7. [S9; LT; OA] **Valatka, Eugenijus (interviu, duodantis); Stašionis, Arūnas (interviu, duodantis); Žiliukas, Arvydas (interviu, duodantis); Grigaliūnas, Šarūnas (interviu, duodantis)**. Lietuvoje pirmą kartą išbandyta kvantinio ryšio technologija, užtikrinsianti nenulaužiamą duomenų perdavimą : pranešimas žiniasklaidai // Elektronika.lt. [S.l.] : Elektronika.lt. 2025, vas. 20, p. 1-2. [M.kr.: T 007]
8. [S9; LT; OA] **Varvuolytė, Gabrielė (interviu, duodantis); Liškauskas, Paulius (interviu, imantis)**. KTU chemikai tęsia šviesa aktyvuojamų priešvėžinių dažiklių kūrimą : pranešimas žiniasklaidai // Aukštaitijos gidas. [S.l.] : Aukštaitijos gidas. 2025, vas. 19, p. 1-2. [M.kr.: N 003]
9. [S9; LT; OA] **Stasiulaitienė, Inga (interviu, duodantis)**. Patikrino, ar dėvėti drabužiai išties draugiškesni aplinkai: sukūrė ir specialią sistemą vartotojams : pranešimas žiniasklaidai // Lrytas.lt. Vilnius : UAB Lrytas. 2025, vas. 10, p. 1-2. [M.kr.: T 004]
10. [S9; LT; OA] **Venčkauskaitė, Monika (interviu, duodantis); Urniežaitė, Inga (interviu, duodantis); Budraitė, Rima (interviu, duodantis)**. Nematoma dirbtinio intelekto kaina aplinkai: už vieną pokalbį – dvi stiklinės gėlo vandens // LRT.lt. Vilnius : Lietuvos nacionalinis radijas ir televizija. 2025, saus. 29, p. 1-4. (Mokslas ir IT). [M.kr.: T 004]

Suvestinė lentelė:

Darbų grupė	Darbų sk.	Aut. ind.	Aut. ind. aut. l.	Aut. l.	Q1, Q2 str. sk.	Q1,Q2 str. aut. ind.	Q1 str. sk.	Q1 str. aut. ind.
1. STRAIPSNIAI RECENZUOJAMUOSE MOKSLO LEIDINIUOSE	192	106,242			152	85,956	63	29,437
1.1. <i>Web of Science</i> duomenų bazėje referuojamuose žurnaluose su cituojamumo rodikliu (JCR SCIE IF)	165	91,275			152	85,956	63	29,437
1.1.1. Užsienio leidyklose	163	90,369			152	85,956	63	29,437
1.1.2. Lietuvos leidyklose	2	0,906			0	0,000	0	0,000
1.2. Kituose <i>Web of Science</i> duomenų bazėje referuojamuose leidiniuose	13	6,740						
1.2.1. Užsienio leidyklose	13	6,740						
1.3. Kituose recenzuojamuose mokslo leidiniuose	6	2,089						
1.3.1. Užsienio leidyklose	5	1,839						
1.3.2. Lietuvos leidyklose	1	0,250						
1.4. Kituose recenzuojamuose mokslinių konferencijų darbų leidiniuose	8	6,138						
1.4.1. Užsienio leidyklose	6	4,138						
1.4.2. Lietuvos leidyklose	2	2,000						
3. MOKSLO MONOGRAFIJOS IR JŲ DALYS	5	2,051	2,530	6,214				
3.1. Tarptautiniu mastu pripažintos leidyklose	5	2,051	2,530	6,214				
6. PATENTAI IR PATENTINĖS PARAIŠKOS	17	11,330						
6.1. EPO, USPTO, JPO patentų tarnybose įregistruoti patentai	7	4,726						
6.3. Lietuvos Respublikos valstybiniame patentų biure įregistruoti patentai	2	1,166						
6.4. EPO, USPTO, JPO patentų tarnybose įregistruotos patentinės paraiškos	5	3,604						
6.5. Kitose užsienio šalių patentų tarnybose įregistruotos patentinės paraiškos	1	0,668						
6.6. Lietuvos Respublikos valstybiniame patentų biure įregistruotos patentinės paraiškos	2	1,166						
7. STUDIJŲ IR MOKOMIEJI LEIDINIAI IR JŲ DALYS	3	2,250	11,964	12,714				
7.3. Metodinės priemonės	3	2,250	11,964	12,714				
8. MOKSLINIŲ TYRIMŲ REZULTATŲ SKELBIMAS KONFERENCIJOSE	392							
8.1. Konferencijų pranešimų tezės tarptautinėse duomenų bazėse referuojamuose leidiniuose	99							
8.2. Kitos konferencijų pranešimų tezės ir straipsniai nerecenzuojamuose mokslinių konferencijų darbų leidiniuose	293							
9. MOKSLO, MENO POPULIARINIMO LEIDINIAI IR JŲ DALYS, MULTIMEDIJA	10							