Публікації викладачів кафедри у періодичних наукових виданнях, що включені до наукометричних баз Scopus та Web of Science Core Collection

A tanszék oktatóinak a Scopus és a Web of Science Core Collection adatbázisában jegyzett publikációi

Andrik Éva

Андрик Єва Йожефівна

1. Májeková J., Zaliberová M., Andrik E., Protopopova V., Shevera M., Ikhardt P. (2021) A comparison of the flora of the Chop (Ukraine) and Čierna nad Tisou (Slovakia) border railway stations. Biologia. 76:1969–1989. https://doi.org/10.2478/s11756-020-00592-x. **Scopus, Web of Science , Q3, IF=1,4**
2. Gural-Sverlova N., Andrik E. (2023) First record of Hygromia cinctella (Draparnaud, 1801) (Gastropoda: Hygromiidae) in Ukraine outside Crimea. Folia Malacol. 2023; 31(2):119–125. DOI: https://doi.org/10.12657/folmal.031.017. **Scopus, Web of Science**

Csoma Zoltán

Чома Золтан Золтанович

3. Simon Viktoria, Manilo Maryna, Vanyorek Laszlo, Csoma Zoltan, Barany Sandor 2020: Comparative Study of Cu(II) Adsorption by As-prepared and Oxidized Multi-walled N-Doped Carbon Nanotubes Colloid Journal, 82(4), 427–436 https://doi.org/10.1134/S1061933X20040134. **Scopus, Web of Science, Q3, IF=0.862**
4. Balog Renata, Manilo Maryna, Vanyorek Laszlo, Csoma Zoltan, Barany Sandor 2020: Comparative study of Ni(II) adsorption by pristine and oxidized multi-walled N-doped carbon nanotubes. RSC Advances, 10, 3184-3191 DOI: https://doi.org/10.1039/C9RA09755D. **Scopus, Web of Science, Q1, IF=3.119**
5. Balog Renata, Simon Viktoria, Manilo Maryna, Vanyorek Laszlo, Csoma Zoltan, Barany Sandor Comparative 2020: Study of Ni(II) and Cu(II) Adsorption by As-Prepared and Oxidized Multi-Walled N-Doped Carbon Nanotubes Nanosistemi, Nanomateriali, Nanotehnologii 18: 2 pp. 283-298. 16 p. https://doi.org/10.15407/nnn.18.02.283. **Scopus, Q4, (фаховий журнал) категорія А**
6. Filep M., Molnár K., Sabov M., Csoma Z., Pogodin A. 2021: Structural, thermal, and optical properties of Co2+ and Mg2+ doped K2Ni(SO4)2•6H2O single crystals, Optical Materials, 122, 111753. https://doi.org/10.1016/j.optmat.2021.111753. **Scopus, Q2, IF=3.754**

Filep Mihály

Філеп Михайло Йосипович

7. Studenyak I., Pogodin A., Shender I., Bereznyuk S., Filep M., Kokhan O. Electrical 2020: Conductivity of Ceramics Based on (Cu1-xAgx)7SiS5I Nanocrystalline Powders. IEEE 10th International Conference Nanomaterials: Applications & Properties (NAP). P. 02NEE03-1-02NEE03-4. https://doi.org/10.1109/NAP51477.2020.9309527. **Scopus, Q2, IF=3.0**
8. Studenyak I.P, Pogodin A.I, Studenyak V.I, Izai V.Y, Filep M.J, Kokhan O.P, Kranjčec M, Kúš P. 2020: Electrical properties of copper- and silver-containing superionic (Cu1−xAgx)7SiS5I mixed crystals with argyrodite structure. Solid State Ionics. 2020. 345. 115183. https://doi.org/10.1016/j.ssi.2019.115183. **Scopus, Q2, Web of Science Q2, IF=3.0**
9. Myslyvchenko O.M., Krapivka M.O., Tereshchenko O.S., Filep M.I. 2020: Influence of Chromium on the Phase Composition and Specific Features of Hardening of the MnFeCoNiCu High-Entropy Alloy. Materials Science. 56. 375–380. https://doi.org/10.1007/s11003-020-00440-y. **Web of Science, Q4, IF=0,7**
10. Studenyak I.P., Pogodin A.I., Shender I.A., Bereznyuk S.M., Filep M.J., Kokhan O.P., Kopcansky P. 2020: Structural and impedance studies of copper-enriched (Cu0.75Ag0.25)7SiS5I-based ceramics. Semiconductor Physics, Quantum Electronics & Optoelectronics. 23(3). 260-266. https://doi.org/10.15407/spqeo23.03.260. **Scopus Q3, Web of Science, Q4, IF=1,1**
11. Fizer M., Filep M., Fizer O., Fričová O., Mariychuk R. 2021: Cetylpyridinium picrate: Spectroscopy, conductivity and DFT investigation of the structure of a new ionic liquid. Journal of Molecular Structure. 1229. 129803. https://doi.org/10.1016/j.molstruc.2020.129803. **Scopus, Q2, Web of Science Q2, IF=4.0**
12. Studenyak I.P., Pogodin A.I., Filep M.J., Kokhan O.P., Symkanych O.I., Timko M., Kopčanský P. 2021: Crystal structure and electrical properties of Ag6PS5I single crystal. Semiconductor Physics, Quantum Electronics & Optoelectronics. 24(1). 26-33. https://doi.org/10.15407/spqeo24.01.026. **Scopus, Q3, Web of Science, Q4, IF=1,1**
13. Pogodin A., Luchynets M., Filep M., Kohutych A., Malakhovska T., Kokhan O., Sabov M., Studenyak I., Kúš P. 2021: Electrical conductivity and thermoelectrical parameters of argyrodite-type Cu7–xPS6–xIx mixed crystals. Ukrainian Journal of Physics. 66(2). 159-165. https://doi.org/10.15407/ujpe66.2.159. **Scopus, Q3, Web of Science, Q4, IF=0,6**
14. Studenyak I.P., Pogodin A.I., Shender I.A., Filep M.J., Kokhan O.P., Kopčanský P. 2021: Electrical properties of cation-substituted Ag7(Si1-xGex)S5I single crystals. Semiconductor Physics, Quantum Electronics & Optoelectronics. 24(3). 241-247. https://doi.org/10.15407/spqeo24.03.241-247. **Scopus, Q3, Web of Science, Q4, IF=1,1**
15. Studenyak I.P., Pogodin A.I., Studenyak V.I., Malakhovska T.O., Filep M.J., Kokhan O.P., Takats V., Kökényesi S. 2021: Influence of cation substitution on electrical conductivity of microcrystalline ceramics based on (Cu1-xAgx)7GeSe5I solid solutions. Semiconductor Physics, Quantum Electronics & Optoelectronics. 24(2). 131-

138. https://doi.org/10.15407/spqeo24.02.131. **Scopus, Q3, Web of Science, Q4, IF=1,1**

16. Pogodin A., Studenyak V., Filep M., Kokhan O., Studenyak I., Kúš P. 2021: Influence of cation substitution on ionic and electronic conductivity of (Cu1–xAgx)7GeS5I mixed crystals. Ukrainian Journal of Physics. 66(4). 341-347. https://doi.org/10.15407/ujpe66.4.341. **Scopus, Q3, Web of Science, Q4, IF=0,6**
17. Shender I., Studenyak V., Pogodin A., Filep M., Malakhovska T., Kokhan O., Studenyak I. 2021: Influence of Cu+↔Ag+ Cationic Substitution on Electrical Properties of Ceramics Based on (Cu1-xAgx)7GeSe5I Nanopowders. 2021 IEEE 11th International Conference Nanomaterials: Applications & Properties (NAP). pp. 1-5. https://doi.org/10.1109/NAP51885.2021.9568575. **Scopus**
18. Studenyak I.P., Pogodin A.I., Filep M.J., Symkanych O.I., Babuka T.Y., Kokhan O.P., Kúš P. 2021: Influence of heterovalent cationic substitution on electrical properties of Ag6+x(P1−xGex)S5I solid solutions. Journal of Alloys and Compounds. 873. 159784. https://doi.org/10.1016/j.jallcom.2021.159784. **Scopus, Q1, Web of Science, Q1, IF=5,8**
19. Studenyak I.P., Pogodin A.I., Luchynets M.M., Filep M.Y., Kohutych A.A., Malakhovska T.O., Kokhan O.P., Sabov M.Y., Kúš P. 2021: Influence of heterovalent substitution on structural, electrical and thermoelectric properties of Cu7-xPS6-xBrx solid solutions. Journal of Physics and Chemistry of Solids. 150. 109855. https://doi.org/10.1016/j.jpcs.2020.109855. **Scopus, Q2, Web of Science, Q2, IF=4,3**
20. Shender I., Pogodin A., Aleksyk V., Babilya M., Studenyak I., Bilanych V., Filep M. 2021: Mechanical Properties of Single Crystals Based on Ag6+x(P1-xGex)S5I Solid Solutions. 2021 IEEE 12th International Conference on Electronics and Information Technologies (ELIT). pp. 10-13. https://doi.org/10.1109/ELIT53502.2021.9501088. **Scopus**
21. Studenyak I.P., Pogodin A.I., Shender I.A., Bereznyuk S.M., Filep M.J., Kokhan O.P., Kúš P. 2021: Preparation and electrical conductivity of (Cu0.5Ag0.5)7SiS5I-based superionic ceramics. Journal of Alloys and Compounds. 854. 157131. https://doi.org/10.1016/j.jallcom.2020.157131. **Scopus, Q1, Web of Science, Q1, IF=5,8**
22. Filep M., Molnár K., Sabov M., Csoma Z., Pogodin A. 2021: Structural, thermal, and optical properties of Co2+ and Mg2+ doped K2Ni(SO4)2•6H2O single crystals. Optical Materials. 122(A). 111753. https://doi.org/10.1016/j.optmat.2021.111753. **Scopus, Q1, Web of Science, Q1, IF=3,8**
23. Pogodin A., Shender I., Bereznyuk S., Filep M., Kokhan O., Suslikov L., Studenyak I. 2021: Structure and electrical properties of superionic ceramics based on silver-enriched (Cu0.25Ag0.75)7SiS5I solid solution. Ukrainian Journal of Physics. 66(6). 489-496. https://doi.org/10.15407/ujpe66.6.489. **Scopus, Q3, Web of Science, Q4, IF=0,6**
24. Studenyak I.P., Pogodin A.I., Studenyak V.I., Filep M.J., Kokhan O.P., Kúš P., Azhniuk Y.M., Zahn D.R.T. Structure, electrical conductivity, and Raman spectra of (Cu1–xAgx)7GeS5I and (Cu1–xAgx)7GeSe5I mixed crystals. Materials Research Bulletin. 2021. 135. 111116. https://doi.org/10.1016/j.materresbull.2020.111116. **Scopus, Q1, Web of Science, Q2, IF=5,3**

25. Pogodin A.I., Filep M.J., Izai V.Yu., Kokhan O.P., Kúš P. Crystal growth and electrical conductivity of Ag7PS6 and Ag8GeS6 argyrodites. Journal of Physics and Chemistry of Solids. 2022. 168 110828. https://doi.org/10.1016/j.jpcs.2022.110828. **Scopus, Q2, Web of Science, Q2, IF=4,3**
26. Pogodin A.I., Studenyak I.P., Shender I.A., Pop M.M., Filep M.J., Malakhovska T.O., Kokhan O.P., Kopčanský P. ,Babuka T.Y. Crystal structure, ion transport and optical properties of new high-conductivity Ag7(Si1-xGex)S5I solid solutions. Journal of Materials Science. 2022. 57. 6706–6722. https://doi.org/10.1007/s10853-022-07059-1. **Scopus, Q1, Web of Science, Q2, IF=3,5**
27. Pogodin A.I., Pop M.M., Shender I.O., Studenyak I.P., Filep M.J., Malakhovska T.O., Kokhan O.P., Babuka T.Y., Stercho I.P., Rubish V.M., Kopčanský P. 2022: Effect of structural site disorder on the optical properties of Ag6+x(P1−xGex)S5I solid solutions. Journal of Materials Science: Materials in Electronics. 33. 21874 – 21889. https://doi.org/10.1007/s10854-022-08974-4. **Scopus, Q2, Web of Science, Q2, IF=2,8**
28. Studenyak I.P., Pogodin A.I., Shender I.A., Studenyak V.I., Filep M.J., Symkanych O.I., Kokhan O.P., Kúš P. 2022: Electrical properties of ceramics based on Ag7TS5I (T = Si, Ge) solid electrolytes. Journal of Solid State Chemistry. 309. 122961. https://doi.org/10.1016/j.jssc.2022.122961. **Scopus, Q2, Web of Science, Q2, IF=3,2**
29. Pogodin A.I., Shender I.O., Filep M.J., Kokhan O.P., Symkanych O.I., Malakhovska T.O., Suslikov L.M., Kopčanský P. 2022: Grain size effect on electrical properties of Ag6PS5I-based ceramic materials. Semiconductor Physics, Quantum Electronics & Optoelectronics. 25(3). 294-302. https://doi.org/10.15407/spqeo25.03.294. **Scopus, Q3, Web of Science, Q4, IF=1,1**
30. Vu T.V., Khyzhun O.Y., Lavrentyev A.A., Gabrelian B.V., Sabov V.I., Sabov M.Y., Filep M.Y., Pogodin A.I., Barchiy I.E. 2022: Highly anisotropic layered crystal AgBiP2Se6: Growth, electronic band-structure and optical properties. Materials Chemistry and Physics. 277. 125556. https://doi.org/10.1016/j.matchemphys.2021.125556. **Scopus, Q1, Web of Science, Q2, IF=4,3**
31. Pogodin A.I., Filep M.J., Studenyak V.I., Symkanych O.I., Stercho I.P., Izai V.Yu., Kokhan O.P., Kúš P. 2022: Influence of crystal structure disordering on ionic conductivity of Ag7+x(P1−xGex)S6 single crystals. Journal of Alloys and Compounds.. 926. 166873. https://doi.org/10.1016/j.jallcom.2022.166873. **Scopus, Q1, Web of Science, Q1, IF=5,8**
32. Pogodin, A.I., Pop, M.M., Shender, I.A., Studenyak I. P., Filep M. J., Malakhovska T. O., Kokhan O. P., Babuka T. Y., Suslikov L. M., Rubish V. M. 2022: Influence of order–disorder effects on the optical parameters of Ag7(Si1-xGex)S5I -mixed crystals. Journal of Materials Science: Materials in Electronics. 33. 15054–15066. https://doi.org/10.1007/s10854-022-08422-3. **Scopus, Q2, Web of Science, Q2, IF=2,8**
33. Pogodin A.I., Filep M.J., Malakhovska T.O., Vakulchak V.V., Komanicky V., V. Izai Yu, Studenyak Y.I., Zhukova Y.P., Shender I.O., Bilanych V.S., Kokhan O.P., Kúš P. 2022: Microstructural, mechanical and electrical properties of superionic Ag6+x(P1-xGex)S5I ceramic materials. Journal of Physics and Chemistry of Solids. 171. 111042. https://doi.org/10.1016/j.jpcs.2022.111042. **Scopus, Q2, Web of Science, Q2, IF=4,3**

34. Fizer, O., Fizer, M., Filep, M., Sidey, V., Mariychuk, R. 2022: On the structure of cetylpyridinium perchlorate: A combined XRD, NMR, IR and DFT study. Journal of Molecular Liquids. 368. 120659. https://doi.org/10.1016/j.molliq.2022.120659. **Scopus, Q1, Web of Science, Q1, IF=5,3**
35. Pogodin A., Malakhovska T., Filep M., Kokhan O., Shender I., Studenyak Y., Zhukova Y. 2022: Optical pseudogap of Ag7(Si1-xGex)S5I solid solutions. Ukrainian Journal of Physical Optics. 23(2). 77-85. https://doi.org/10.3116/16091833/23/2/77/2022. **Scopus, Q1, Web of Science**
36. Fizer O., Filep M., Pantyo V., Elvira D., Fizer M. 2022: Structural study and antibacterial activity of cetylpyridinium dodecyl sulfate ion pair.Biointerface Research in Applied Chemistry. 12. 3501–3512. https://doi.org/10.33263/BRIAC123.35013512. **Scopus, Q3**
37. Pogodin A., Pop M., Shender I., Filep M., Malakhovska T., Kokhan O., Izai V., Kúš P., Rubish V. 2023: Anionic framework descriptors and microstructure affects on optical parameters of Ag7+x(P1-xGex)S6 single crystals. Optical Materials. 145. 114407. https://doi.org/10.1016/j.optmat.2023.114407. **Scopus, Q1, Web of Science, Q1, IF=3,8**
38. Milyovich S, Pantyo V, Danko E, Pogodin A, Filep M, Fizer O, Fizer M, Sidey V, Mariychuk R. 2023: Antibacterial Application of Carpathian Clinoptilolite as Cetylpyridinium Carrier. Biointerface Research in Applied Chemistry. 13(4). 348. https://doi.org/10.33263/BRIAC134.348. **Scopus, Q3**
39. Pogodin A.I., Pop M.M., Shender I.A., Filep M.J., Malakhovska T.O. Vakulchak V.V., Kokhan O.P., Bletskan D., Rubish V.M., Lisý V., Tóthová J. 2023: Band structure and optical properties of low temperature modification of Ag7PS6 single crystal. Journal of Materials Science: Materials in Electronics. 34. 1508. https://doi.org/10.1007/s10854-023-10916-7. **Scopus, Q2, Web of Science, Q2, IF=2,8**
40. Pogodin A., Filep M., Malakhovska T., Vakulchak V., Komanicky V., Vorobiov S., Izai V., Satrapinskyy L., Shender I., Bilanych V., Kokhan O., Kúš P. 2023: Crystallite size and recrystallization effect on electrical parameters of highly ion-conductive Ag7Si0.4Ge0.6S5I ceramics. Journal of Materials Science: Materials in Electronics.. 34.1865. https://doi.org/10.1007/s10854-023-11364-z. **Scopus, Q2, Web of Science, Q2, IF=2,8**
41. Malakhovska T.O., Pogodin A.I., Filep M.J., Studenyak Ya.I., Kokhan O.P., Zubaka O.V., Izai V.Yu., Kúš P. 2023: Diffuse reflectance spectroscopy of solid solutions in the Ag7PS6-Ag8GeS6 system. Semiconductor Physics, Quantum Electronics & Optoelectronics. 26(2). 152-158. https://doi.org/10.15407/spqeo26.02.152. **Scopus, Q3, Web of Science, Q4, IF=1,1**
42. Shender I.O., Pogodin A.I. Filep M.J., Malakhovska T.O. Kokhan O.P., Bilanych V.S., Skubenych K.V., Symkanych O.I., Izai V.Yu., Suslikov L.M. 2023: Influence of cation Si4+↔Ge4+ and P5+↔Ge4+ substitution on the mechanical parameters of single crystals Ag7(Si1–xGex)S5I and Ag6+x(P1–xGex)S5I. Semiconductor Physics, Quantum Electronics & Optoelectronics. 26(4). 408-414. https://doi.org/10.15407/spqeo26.04.408. **Scopus, Q3, Web of Science, Q4, IF=1,1**
43. Pogodin A., Filep M., Malakhovska T., Vakulchak V., Komanicky V., Vorobiov S., Izai V., Satrapinskyy L., Shender I., Bilanych V., Kokhan O., Kúš P. Influence of recrystallization process on ionic conductivity of Ag6.75P0.25Ge0.75S5I based

ceramic material. Ceramics International. 2023. 49(21). 33764-33772. https://doi.org/10.1016/j.ceramint.2023.08.068. **Scopus, Q1, Web of Science, Q1, IF=5,1**

44. Malakhovska T.O., Pogodin A.I., Filep M.J., Pop M.M., Studenyak Ya.I., Nemesh K.M., Mariychuk R., Vakulchak V.V., Komanicky V., Vorobiov S. Optical characteristics of silver-based nanocomposites fabricated by an environmentally friendly method. Semiconductor Physics, Quantum Electronics & Optoelectronics. 2023. 26(1). 076-083. https://doi.org/10.15407/spqeo26.01.076. **Scopus, Q3, Web of Science, Q4, IF=1,1**
45. Pogodin A.I., Filep M.J., Vorobiov S., Komanicky V., Malakhovska T.O., Kokhan O.P., Vakulchak V.V. Preparation and ionic conductivity of Ag8GeS6-based ceramic materials. Semiconductor Physics, Quantum Electronics & Optoelectronics. 2023. 26(3). 270-277. https://doi.org/10.15407/spqeo26.03.270. **Scopus, Q3, Web of Science, Q4, IF=1,1**
46. Pogodin A., Filep M., Malakhovska T., Vakulchak V., Komanicky V., Vorobiov S., Izai V., Shender I., Bilanych V., Kokhan O., Kúš P. Recrystallization effect on mechanical parameters and increasing of Ag+ ionic conductivity in Ag7(Si1-xGex)S5I ceramic materials. Solid State Sciences. 2023. 140. 107203. https://doi.org/10.1016/j.solidstatesciences.2023.107203. **Scopus, Q2, Web of Science, Q2, IF=3,4**
47. Pogodin A., Filep M., Malakhovska T, Vakulchak V., Komanicky V., Vorobiov S., Izai V., Satrapinskyy L., Shender I., Bilanych V., Kokhan O., Kúš P. Microstructural, mechanical properties and electrical conductivity of Ag7(Si1-xGex)S5I-based ceramics. Ionics (2024). https://doi.org/10.1007/s11581-024-05513-5. **Scopus, Q2, Web of Science, Q3, IF=2,4**
48. Artem Pogodin, Mykhailo Filep, Tetyana Malakhovska, Vasyl Vakulchak, Vladimir Komanicky, Serhii Vorobiov, Vitalii Izai, Leonid Satrapinskyy, Iryna Shender, Vitaliy Bilanych, Oleksandr Kokhan, Peter Kúš. Recrystallization and heterovalent substitution effects on mechanical and electrical parameters of Ag6+x(P1−xGex)S5I–based ceramics. Journal of the European Ceramic Society. Volume 44, Issue 6, June 2024, Pages 4097-4110. https://doi.org/10.1016/j.jeurceramsoc.2023.12.093. **Scopus, Q1, Web of Science, Q1, IF=5,8**
49. Malakhovska T.O., Pogodin A.I., Filep M.J., Mariychuk R., Pop M.M., Studenyak Ya.I., Vakulchak V.V., Komanicky V., Vorobiov S., Sabov M.Yu.Structure and optical characterization of chitosan-chitin/Ag nanocomposite thin films. Semiconductor Physics, Quantum Electronics & Optoelectronics. 2024.27(1). 040-053. https://doi.org/10.15407/spqeo27.01.040. **Scopus, Q3, Web of Science, Q4, IF=1,1**

Hadnagy István

Гаднадь Іштван Іштванович

50. Hadnagy I., Tar K. 2019: Determination of Energy Parameters of Near Surface Wind Field in Transcarpathia. International Journal of Renewable Energy Research, 9 (1), 437-447. https://doi.org/10.20508/ijrer.v9i1.8751.g7600. **Scopus Q3, Web of Science Q4, IF=10,32**

51. Hadnagy I., Tar K. 2019: The approximation of wind speed distributions with theoretical distributions of meteorological stations located in different orographic conditions. Időjárás, Quarterly Journal of the Hungarian Meteorological Service, 123 (3), 329-349. https://doi.org/10.28974/idojaras.2019.3.5. **Scopus, Q4, IF=0,8**
52. Гаднадь І., Тар К., Молнар Й. 2020: Сучасний стан та перспективи розвитку вітрової енергетики у світі, Європі та в Україні, зокрема на Закарпатті [Analysis of the current state of wind power in the world, Europe and Ukraine especially in Transcarpathia]. Український географічний журнал, 109 (1), 59-70. https://doi.org/10.15407/ugz2020.01.059. **Scopus Q2.**
53. Tar K., Lázár I., Hadnagy I. 2022: Statistical method for estimating the average daily wind speed during the day. Időjárás, Quarterly Journal of the Hungarian Meteorological Service, 126 (4), 481-510. https://doi.org/10.28974/idojaras.2022.4.3. **Scopus, Q4, IF=0.8**
54. István Lázár, István Hadnagy, Boglárka Bertalan-Balázs, László Bertalan, Sándor Szegedi: Comparative examinations of wind speed and energy extrapolation methods using remotely sensed data – A case study from Hungary. Energy Conversion and Management: X, Volume 24, October 2024, 100760, p. 11. https://doi.org/10.1016/j.ecmx.2024.100760, **Scopus Q1, IF=7,1**

Kohut Erzsébet

Когут Ержебет Імріївна

55. Шевера М.В., Тимченко І.А., Зав'ялова Л.В., Васильєва Т.В., Андрик Є.Й., Когут Е.І. ,Целька З., Заліберова М., Маєкова Я. (2018): Професору Вірі Вікторівні Протопоповій – 85 // Укр. Ботан. Журн. - 2018. - 75, 2. - С. 197-199. **Scopus, Web of Science**
56. Bilyavskyi S.M., Zhuravel N.M., Protopopova V.V., Kohut E.I., Shevera M.V. (2019): In memory of a well-known pedagogue and scientist, Professor Svitlana S. Morozyuk - Укр. Ботан. Журн. - 2019, 76(6) - с. 563-564. **Scopus, Web of Science**
57. Білявський С.М., Журавель Н.М., Протопопова В.В., Когут Е.І., Шевера М.В. Пам'яті видатного педагога та науковця, професора Світлани Сергіївни Морозюк (14.06.1937 – 07.11.2019). Український ботанічний журнал 2019. 76, 6. **Scopus, Web of Science**
58. Andrea Kepics, Erzsébet Kohut, Mária Höhn, Kárpátalja védett hajtásos növényfajainak kromoszómaszám értékei – előzetes eredmények In: Botanikai Közlemények 111(1): 19-34. https://doi.org/10.17716/BotKozlem.2024.111.1.19. **Scopus Q2**

Kolozsvári István

Коложварі Степан Васильович

59. Kolozsvári I., Szabó L.J., Dévai Gy. (2015): Dragonfly assemblages in the upper parts of the River Tisza: a comparison of larval and exuvial data in three channel types. - Acta Zoologica Academiae Scientiarum Hungaricae, 61(2): 189–204.

https://doi.org/10.17109/AZH.61.2.189.2015. **Scopus, Q3, Web of Science, Q4, IF=0,6**

60. Kolozsvári. I., Dévai Gy., Szabó L.J. (2015): Occurrence pattern analysis of dragonflies (Odonata) on the river Tisza between Vilok and Huszt based on exuviae. - Applied Ecology and Environmental Research, 13(4): 1183–1196. http://dx.doi.org/10.15666/aeer/1304_11831196. **Scopus, Q3, Web of Science, Q4, IF=0,6**
61. Simon E., Kis O., Jakab T., Kolozsvári I., Málnás K., Harangi S., Baranyai E., Miskolczi M., Tóthmérész B., Dévai Gy. (2017): Assessment of contamination based on trace element concentrations in Gomphus flavipes (Odonata: Insect) larvae of the Upper Tisza Region. - Ecotoxicology and Environmental Safety 136: 55–61. https://doi.org/10.1016/j.ecoenv.2016.10.034. **Scopus, Q1, Web of Science, Q1, IF=6,2**
62. Simon, E., Kolozsvári, I., Dévai, Gy., Illár, M., Szalay, P.É., Miskolczi, M., Tóthmérész, B. (2024): Environmentally friendly assessment of ecological quality of watercourses based on banded demoiselle, Calopteryx splendens. - Entomologia Experimentalis et Applicata, 172: 345–353. https://doi.org/10.1111/eea.13412. **Scopus, Q2, Web of Science, Q2, IF=1,4**

Lenykó-Thegze Andrea

Ленько-Тегзе Андреа Тіборівна

63. Ivanizs, László; Monostori, István, Farkas, András; Megyeri, Mária; Mikó, Péter; Türkösi, Edina; Gaál, Eszter; Lenykó-Thegze, Andrea; Szőke-Pázsi, Kitti; Szakács, Éva; Darkó, Éva; Kiss, Tibor; Kilian, Andrzej;Molnár, István (2019): e Unlocking the genetic diversity and population structurof a wild gene source of wheat, Aegilops biuncialis Vis., and its relationship with the heading time. Frontiers in Plant Science 10: 1531. https://doi.org/10.3389/fpls.2019.01531. **Scopus, Q1, Web of Science, Q1, IF=4,1**
64. Lenykó-Thegze, A.; Fábián, A.; Mihók, E.; Makai, D.; Cseh, A.; Sepsi, A. (2021): Pericentromeric chromatin reorganisation follows the initiation of recombination and coincides with early events of synapsis in cereals. Plant Journal 107,1585-1602. https://doi.org/10.1111/tpj.15391. **Scopus, Q1, Web of Science, Q1, IF=6,2**
65. Diána Makai, Edit Mihók, Dávid Polgári, András Cseh, Andrea Lenykó-Thegze, Adél Sepsi, László Sági (2023). Rapid in-solution preparation of somatic and meiotic plant cell nuclei for high-quality 3D immunoFISH and immunoFISH-GISH. Plant Methods 19 (1): 80. https://doi.org/10.1186/s13007-023-01061-7. **Scopus, Q1, Web of Science, Q1, IF=4,7**
66. András Cseh, Andrea Lenykó-Thegze, Diána Makai, Fanni Szabados, Kamirán Áron Hamow, Zsolt Gulyás, Tibor Kiss, Ildikó Karsai, Blanka Moncsek, Edit Mihók, Adél Sepsi (2023): Meiotic instability and irregular chromosome pairing underpin heat-induced infertility in bread wheat carrying the Rht-B1b or Rht-D1b Green Revolution genes. New Phytologist: 19256 , 17 p. https://doi.org/10.1111/nph.19256. **Scopus, Q1, Web of Science, Q1, IF=8,3**

67. Mihók, Edit ; Polgári, Dávid ; Lenykó-Thegze, Andrea ; Makai, Diána ; Fábián, Attila ; Ali, Mohammad ; Kis, András ; Sepsi, Adél ; Sági, László, (2024): Plasticity of parental CENH3 incorporation into the centromeres in wheat × barley F1 hybrids FRONTIERS IN PLANT SCIENCE 15 Paper: 1324817 , 13 p. https://doi.org/10.3389/fpls.2024.1324817. **Scopus, Q1, Web of Science, Q1, IF=4,1**

Molnár Krisztina

Молнар Крістіна Аттілівна

68. Michael Filep, Krisztina Molnár, Marjan Sabov, Zoltán Csoma, Artem Pogodin Structural, thermal, and optical properties of Co2+ and Mg2+ doped K2Ni(SO4)2•6H2O single crystals In: Optical Materials Volume 122, Part A, December 2021, 111753. http://dx.doi.org/10.1016/j.optmat.2021.111753. **Scopus, Q1, Web of Science, Q1, IF=3,8**

Molnár-Babilya Dzoszia

Молнар-Бабіля Джосія Імреївна

69. Nataliya Korol , Dzhosiya Molnar -Babila , Mikhailo Slivka , Mikhajlo Onysko, 2022: A brief review on heterocyclic compounds with promising antifungal activity against Candida species. Org.Communications. (2022) 15:4 304-323. http://doi.org/10.25135/acg.oc.141.2210.2609. **Scopus, Q3, Web of Science, Q3, IF=1,7**

Pólin Irén

Повлін Ірина Емерихівна

70. Knysh, I., – Popovich O.,–ZakharevychM. –Yakumenko S.,- Povlyn I., 2023: Innovative technologies drive the modernization of higher education,. Amazonia Investiga, 12(70), 167-178. http://doi.org/10.34069/AI/2023.70.10.15. **Web of Science, Q3, IF=0,5**

Protopopova Vira

Протопопова Віра Вікторівна

71. Shevera, M.V., Protopopova, V.V., Tymchenko, I.A., Ryff, L.E, 2020: Lectotypification of Orchis purpurea huds. × O. punctulata steven ex lindl. (orchidaceae), described from Crimea, and data on its distribution, Thaiszia Journal of Botany 30(1), pp. 23–30. https://doi.org/10.33542/TJB2020-1-02. **Scopus, Q4**
72. Májeková, J., Zaliberová, M., Andrik, E.J., Protopopova V.V., Shevera, M.V., Ikhardt, P, 2021: A comparison of the flora of the Chop (Ukraine) and Čierna nad Tisou

(Slovakia) border railway stations, . Biologia 76(7), pp. 1969–1989. https://doi.org/10.2478/s11756-020-00592-x. **Scopus, Web of Science , Q3, IF=1,4**

73. Dubyna D.V., Iemelianova S.M., P. Dziuba T.P., Tymoshenko P.A., Protopopova V.V., Shevera M.V. 2021. Alien plant invasion in the ruderal vegetation of Ukraine. Environmental and socio-economic studies. 9(4): 57–70. https://doi.org/10.2478/environ-2021-0025. **Scopus, Q2, Web of Science , Q4, IF=0,9**
74. Protopopova V.V., Didukh, Y.P., Tkachenko, V.S., Shevera M.V., Kucher O., Zavialova, L.V., Biatov, A.P., 2021: Grindelia squarrosa in Ukraine: Current distribution and ecological and coenotic peculiarities, Hacquetia 20(2), pp. 263–272. https://doi.org/10.2478/hacq-2021-0014. **Scopus, Q4, Web of Science , Q4, IF=0,6**
75. Zavialova, L.V., Protopopova, V.V., Kucher, O.O., Ryff, L.E., Shevera, M.V 2021: Plant invasions in Ukraine, Environmental and Socio-Economic Studies, 9(4), pp. 1–13 https://doi.org/10.2478/environ-2021-0020. **Scopus, Q2, Web of Science , Q4, IF=0,9**

Szabó Marján

Сабов Мар'ян Юрійович

76. Pogodin A.I., Filep M.J., Malakhovska T.O., Sabov M.Yu., Sidey V.I., Kokhan O.P., Studenyak I.P. 2019:The copper argyrodites Cu7-nPS6-nBrn: Crystal growth, structures and ionic conductivity / Solid State Ionics.- 341- 115023. https://doi.org/10.1016/j.ssi.2019.115023. **Scopus, Q2, Web of Science, Q2, IF=3.0**
77. Tuan V. Vu, A.A. Lavrentyev, B.V. Gabrelian, Dat D. Vo, V.I. Sabov, M.Yu. Sabov, I.E. Barchiy, M. Piasecki, O.Y. Khyzhun. 2020: Highly anisotropic layered selenophosphate AgSbP2Se6: The electronicstructure and optical properties by experimental measurements and first-principles calculations. / Chemical Physics. .– Volume 536.– 110813. https://doi.org/10.1016/j.chemphys.2020.110813. . **Scopus, Q2, Web of Science, Q3, IF=2**
78. Ihor Barchiy, Marian Sabov, Volodymyr Pavlyuk, Andrij Stetskiv, Bernard Marciniak, Ewa Różycka-Sokołowska and Victoria Sabov. 2020: New quaternary selenides Tl4Sb8Sn5Se24 and Tl5Sb2Sn4Se14−x (x=0.5). // Z. Kristallogr.– 235(3).– P. 59-68. https://doi.org/10.1515/zkri-2020-0004. **Scopus, Q3, Web of Science, Q3, IF=0,9**
79. Tuan V.Vu., A.A.Lavrentyev, V.I.Sabov, M.Y.Sabov, A.I.Pogodin, I.E.Barchiy, A.O.Fedorchuk, A.Balinska, Z.Bak, O.Y.Khyzhun, M.Piasecki 2020: TlSbP2Se6 - a new layered single crystal: growth, structure and electronic properties. / Journal of Alloys and Compounds. –Volume 848.– 156485. https://doi.org/10.1016/j.jallcom.2020.156485. **Scopus, Q1, WoS, Q1, IF=5,8**
80. Pogodin A., Luchynets M., Filep M., Kohutych A., Malakhovska T., Kokhan O., Sabov M., Studenyak I., Kúš, P. 2021: Electrical conductivity and thermoelectrical parameters of argyrodite-type Cu7–xPS6–xIx mixed crystals / Ukrainian Journal of Physics-66(2)-159-165. https://doi.org/10.15407/ujpe66.2.159. **Scopus, Q3, WoS, Q4, IF=0,6**
81. Studenyak I.P., Pogodin A.I., Luchynets M.M., Filep M.Y., Kohutych A.A., Malakhovska T.O., Kokhan O.P., Sabov M.Y., Kúš P. 2021: Influence of heterovalent substitution on structural, electrical and thermoelectric properties of Cu7-xPS6-xBrx

solid solutions / Journal of Physics and Chemistry of Solids-150-109855. https://doi.org/10.1016/j.jpcs.2020.109855. **Scopus, Q2, Web of Science, Q2, IF=4,3**

82. Filep M., Molnár K., Sabov M., Csoma Z., Pogodin A. 2021: Structural, thermal, and optical properties of Co2+ and Mg2+ doped K2Ni(SO4)2•6H2O single crystals/Optical Materials-122(A)-111753 https://doi.org/10.1016/j.optmat.2021.111753. **Scopus, Q1, Web of Science, Q1, IF=3,8**
83. Vu T.V., Khyzhun O.Y., Lavrentyev A.A., Gabrelian B.V., Sabov V.I., Sabov M.Y., Filep M.Y., Pogodin A.I. 2022: Highly anisotropic layered crystal AgBiP 2 Se 6 : Growth, electronic band-structure and optical properties / Materials Chemistry and Physics-277-125556. https://doi.org/10.1016/j.matchemphys.2021.125556. **Scopus, Q1, Web of Science, Q2, IF=4,3**

Szikura Anita

Сікура Аніта Йосипівна

84. Lukash, O., Tkaczenko, H., Szikura, A., Karpenko, Y., Yakovenko, O., Sahach, O., Kyriienko, S., Sliuta, A., Papernyk, V., Pototska, S., & Kurhaluk, N. (2024). Accumulation Radiocesium (137Cs) By Plants of the Dnipro River's Floodplain Ecosystems after Chernobyl Contamination. Global Journal of Ecology, 9(2), 117–121. https://doi.org/10.17352/gje.000104.