

2021

Comunicări orale prezentate la o manifestare științifică internațională

Nr. crt.	Comunicare orală
1	Ilia Gh., A. Borota, Funar-Timofei S. Interspecies Quantitative Structure-Toxicity-Toxicity Relationships for Predicting the Acute Toxicity of Organophosphorous Compounds <i>The 25th International Electronic Conference on Synthetic Organic Chemistry</i>, 15 November - 30 November 2021; Sciforum Electronic Conference Series, https://ecsoc-25.sciforum.net/, sciforum-050575.
2	Nistor M.A., Muntean S.G., Halip L. Full factorial design for modeling and optimization of anionic Acid Orange 7 dye removal from wastewater <i>5th European Conference on Green and Sustainable Chemistry</i>, 26-29 September 2021, Virtual Conference, Conference Proceedings, pag. 190-191.
3	Muntean S.G., Nistor A.M., Pacurariu C. Efficient separation and removal of dyes from single and multiple systems by magnetite/silver/carbon nanoparticles <i>5th European Conference on Green and Sustainable Chemistry</i>, 26-29 September 2021-Virtual Conference, Conference Proceedings, pag. 295-296.
4	Nistor M.A., Muntean S.G., Halip L. Application of full factorial design for adsorption of methylen blue dye from aqueous solution <i>New trends and strategies in the chemistry of advanced materials with relevance in biological systems, technique and environmental protection</i>, 13th Edition, Timișoara, România, 07-08 October 2021, Virtual Conference, Conference Proceedings, pag. 57.
5	Fratilescu I., Dudás Z., Birdeanu M., Epuran C., Anghel D., Fringu I., Lascu A., Len A., Fagadar-Cosma E. Hybrid silica materials containing platinum, impregnated with porphyrins and/or platinum nanoparticles for fuchsine B color removal from wastewaters <i>"New trends and strategies in the chemistry of advanced materials with relevance in biological systems, technique and environmental protection"</i> 13th Edition, online, 07-08 October 2021, Book of Abstracts, p. 35
6	Epuran C., Fratilescu I., Anghel D., Birdeanu M., Fagadar-Cosma E. Selection of the best sensitive material for uric acid detection from complexes of a functionalized porphyrin and CuNPs, PtNPs or Pt@CuNPs <i>"New trends and strategies in the chemistry of advanced materials with relevance in biological systems, technique and environmental protection"</i> 13th Edition, online, 07-08 October 2021, Book of Abstracts, p. 23
7	Lascu A., Fringu I., Fratilescu I., Epuran C., Birdeanu M., Fagadar-Cosma E. A new <i>cis</i>-A₂B₂-type of porphyrin and its application for the detection and recovery of platinum colloid <i>27th International Symposium on Analytical and Environmental Problems (ISAEP 2021)</i> to be held on-line Szeged, Hungary, 22-23 November 2021.
8	Birdeanu M., Orha C, Fagadar-Cosma E.

	Structural and morphological properties of the MnTa_2O_6 nanomaterials. testing of corrosion inhibition in 1M HCl, TIM 21 , Timisoara, Romania, 11 - 13 November 2021
9	Birdeanu M., Birdeanu V, Epuran C., Fagadar-Cosma E. New sandwich type materials based on MnTa_2O_6 and caeboxyl-substituted A4 and A3B porphyrins. The effect of the carboxyl groups on corrosion inhibition properties 4th International Conference on Emerging Technologies in Materials Engineering - EmergeMAT , Bucharest, Romania, 4-5 November 2021.
10	Cretu C., Ilies S., Manea F., Szerb E. I. Cu(I)-based metallomesogens for the fabrication of electrochemical high performance hybrid sensors for non-invasive real time biomedical applications Smart functional nanomaterials: From synthesis to advanced applications , 07-08 May 2021, Rome, Italy, conferință on-line.
11	Andelescu A. A., La Deda M., Di Maio G., Candreva A., Popa E., Voirin E., Heinrich B., Donnio B., Szerb E. I. Polarized Emission from columnar Zn(II) metallomesogens IUPAC World Chemistry Congress (WCC) and Canadian Chemistry Conference and Exhibition (CCCE) , 13 - 20 August 2021, conferință on-line.
12	Andelescu A. A., Popa E., Crețu C., Vorga M. M., Motoc S., Nicolae I. -V., Manea F., Szerb E. I. New transition metal-based coordination complexes for electrochemical sensing Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE III) , online, 04 - 05 Iunie 2021.
13	Putz A. -M., Ivankov O., Ciopec M., Ianăși C., Milanović M., Stijepović I., Almásy L. Cr(VI) adsorption on ordered mesoporous silica functionalized with aminopropyl groups by co-condensation and post grafting The 4th International Summer School and Workshop Complex and Magnetic Soft Matter Systems: Physico-Mechanical Properties and Structure 19-22 Aprilie 2021, Timișoara, România.
14	Borcanescu S., Popa A., Verdes O., Suba M., Bajuk-Bogdanović D., Uskoković-Marković S. Amine-functionalized mesoporous materials: temperature effect on CO_2 adsorption-desorption process Young Researchers' International Conference on Chemistry and Chemical Engineering (YRICCCE III) , online, 04-05 June 2021, Cluj-Napoca
15	Ilies (born Motoc) S., Szerb E., Pop A., Negrea S., Manea F. Nanostructured carbon-based electrode for enhanced determination of sodium diclofenac in water 11th International conference on environmental engineering and management-ICEEM11 , 8-10 September 2021, Muttentz, Switzerland
16	Ilies (born Motoc) S., Schinteie B., Manea F., Pop A., Negrea S., Szerb E.I. Graphene quantum dots-multiwalled carbon nanotubes paste electrode for sensitive determination of doxorubicin in aqueous solution 7th Nanomaterials and Nanotechnology Meeting , 17-20 May 2021, Ostrava, Czech Republic