

2024

Articole publicate într-o revistă indexată Web of Scenice, SCOPUS, IEEE

Nr. crt.	Articol publicat în reviste cotate Web of Science	FI	Quartile (Q1, Q2, Q3, Q4)
1	Avram S., Halip L., Curpan R., Oprea T.I., Novel Drug Targets in 2023 <i>Nat. Rev. Drug Discov</i> 23(5), 330, 2024	101.8	Q1
2	Steinkamp R., Tsitsiridis G., Brauner B., Montrone C., Fobo G., Frishman, G., Avram S., Oprea T.I., Ruepp A., CORUM in 2024: Protein Complexes as Drug Targets <i>Nucleic Acids Res.</i> , p.1033, 2024	13.1	Q1
3	Wang Y., Yang S.G., Li Y.X., Cao Y., Liu F., Zeng X.B., Cseh L., Ungar G. Supertwisted Chiral Gyroid Mesophase in Chiral Rod-Like Compounds. <i>Angew. Chem., Int. Ed.</i> , 63(23), 2024	16.9	Q1
4	Simari C., Conte G., Lacrămă A.M., Nicola R., Bonaventura C.P., Desiderio G., Nicotera I., Agostino R.G., Policicchio A., Evaluation of CO2 storage properties and mobility through NMR technique in post-grafting synthetized organically functionalized porous silica. <i>J. CO2 Util.</i> , 88, 102945, 2024	8.4	Q1
5	Oprea T., Bologa C., Holmes J., Mathias S., Metzger V.T., Waller A., Yang J.J., Leach A.R., Jensen L.J., Kelleher K.J., Sheils T.K., Mathé E., Avram S., Edwards J.S., Overview of the Knowledge Management Center for Illuminating the Druggable Genome. <i>Drug Discov. Today</i> , p.103882, 2024	7.5	Q1
6	Magyari-Pavel I.Z., Moacă E.A., Avram Ș., Diaconeasa Z., Haidu D., Ștefănuț M.N., Rostas A.M., Muntean D., Bora L., Badescu B., Iuhas C., Dehelean C.A., Danciu C. Antioxidant Extracts from Greek and Spanish Olive Leaves: Antimicrobial, Anticancer and Antiangiogenic Effects <i>Antioxidants (Basel)</i> . 13(7), 774, 2024	6.6	Q1
7	Pop A., Manea F., Baciuc A., Motoc S. Simultaneous voltammetric detection of benzene, naphthalene and anthracene from water using boron-doped diamond electrode. <i>Sens. Bio-Sens. Res.</i> , 44, 100641, 2024	4.9	Q1
8	Varan N., Merghes P., Plesu N., Macarie L., Ilia G., Simulescu V. Phosphorus-Containing Polymer Electrolytes for Li Batteries <i>Batteries</i> , 10(2), Art.56, 2024	4.8	Q2
9	Babău T., Ciopec M., Duteanu N., Negrea A., Negrea P., Nemeș N.S., Pascu B., Mihăilescu M., Ianasi C. Synthesis of Some Eco-Friendly Materials for Gold Recovery <i>Polymers</i> , 16(17), 2512, 2024	4.9	Q1

10	Suba M., Verdeş O., Borcănescu S., Popa A., Effect of Temperature on CO ₂ Adsorption onto Amine-Functionalized KIT-6 Adsorbents <i>Molecules</i> , 29(13), 3172, 2024	4.6	Q2
11	Candrea A., Ricciardi L., Szerb E.I., La Deda M. A "Talking" between Gold Nanoparticle and a Luminescent Iridium(III) Complex: A Study of the Effect Due to the Interaction between Plasmon Resonance and a Fluorophore <i>Nanomaterials</i> , 14, 1543, 2024	4.3	Q2
12	Fanourgiakis A., Chachlaki E., Plesu N., Choquesillo-Lazarte D., Kirillov, A.M., Demadis K.D. Multidimensional Hybrid Metal Phosphonate Coordination Networks as Synergistic Anticorrosion Coatings <i>Inorg.Chem.</i> , 63(64), 16018-16036, 2024	4.7	Q1
13	Milos E., Cocheci L., Popa A., Lupa L., Filimon A., Hybrid Materials - Mg ₃ Al-LDH/Ionic Liquids/Chitosan Used in The Recovery Process of Pd Ions from Aqueous Solutions, <i>Molecules</i> 29, 6001, 2024	4.6	Q2
14	Nichita I., Lupa L., Visa A., Dragan E.-S., Dinu M.V., Popa A., Chemical Modification of Acrylonitrile-Divinylbenzene Polymer Supports with Aminophosphonate Groups and Their Antibacterial Activity Testing <i>Molecules</i> 29, 6054, 2024	4.6	Q2
15	Andelescu A.A., Candrea A., Popa E., Visan A., Cretu C., La Deda M., Szerb E.I. Role of the Environment Polarity on the Photophysical Properties of Mesogenic Hetero-Polymetallic Complexes <i>Molecules</i> , 29, 750, 2024	4.6	Q2
16	Daminescu D., Duteanu N., Ciopec M., Negrea A., Negrea P., Nemeş N.S., Pascu B., Ianăşi C., Cotet L. Adsorption of Scandium Ions by Amberlite XAD7HP Polymeric Adsorbent Loaded with Tri-n-Octylphosphine Oxide <i>Molecules</i> , 29(7), 1578, 2024	4.6	Q 2
17	Milan A., Mioc M., Mioc A., Gogulescu A., Mardale G., Avram S., Maksimovic T., Mara B., Soica C. Cytotoxic Potential of Betulinic Acid Fatty Esters and Their Liposomal Formulations: Targeting Breast, Colon, and Lung Cancer Cell Lines <i>Molecules</i> , 29(14), 2024	4.6	Q2
18	Lupa L., Tolea NS., Iosivoni M., Maranescu B., Plesu N., Visa A. Performance of Ionic Liquid Functionalized Metal Organic Frameworks in the Adsorption Process of Phenol Derivatives <i>RSC Advances</i> , 14, 4759-4777, 2024	3.9	Q2
19	Fringu I., Anghel D., Fratilescu I., Epuran C., Birdeanu M., Fagadar-Cosma E. Nanomaterials Based on 2,7,12,17-Tetra-tert-butyl-5,10,15,20-tetraaza-21H,23H-porphine Exhibiting Bifunctional Sensitivity for Monitoring Chloramphenicol and Co ²⁺ <i>Biomedicines</i> , 12(4), 770, 2024	3.9	Q2

20	Berbentea A., Ciopec M., Duteanu N., Negrea A., Negrea P., Nemeş N.S., Pascu B., Svera P., Ianăşi C., Duda Seiman D.M., Muntean D., Boeriu E. Advanced Photocatalytic Degradation of Cytarabine from Pharmaceutical Wastewaters <i>Toxics</i> , 12(6), 405, 2024	4.1	Q 1
21	Motoc S., Andelescu A., Visan A., Baciuc A., Szerb E.I., Manea F., Salazar P. Ferrocene-Containing Gallic Acid-Derivative Modified Carbon-Nanotube Electrodes for the Fast Simultaneous and Selective Determination of Cytostatics from Aqueous Solutions <i>Chemosensors</i> , 12(1), 15, 2024	3.7	Q2
22	Anghel D., Epuran C., Fringu I., Fratilescu I., Lascu A., Macsim A.-M., Chiriac V., Gherban M., Vlascici D., Fagadar-Cosma E., Double Type Detection of Triiodide and Iodide Ions Using a Manganese(III) Porphyrin as a Sensitive Compound <i>Sensors</i> , 24, 5517, 2024	3.5	Q2
23	Caraba M.N., Caraba I.V., Pet E., Pet I., Crisan L., Sinitean A., Hutanu D., Soil Enzymatic Response to Nicosulfuron: A Preliminary Study in a Chernozem Typical to the Banat Plain, Western Romania. <i>Agriculture</i> . 14(8), 1380, 2024	3.6	Q1
24	Ardelean R., Popa A., Visa A., Dragan E.S., Davidescu C.M. Synthesis, Characterization And Applications of Poly(Styrene-Co-Divinylbenzene) Functionalized With Aminophosphinic Acid Pendant Groups as High-Performance Adsorbents For Acetylsalicylic Acid <i>Polym. Bull.</i> 81(10), 8783-8809, 2024	4.0	Q2
25	Ciocarlie L., Negrea A., Ciopec M., Duteanu N., Negrea P., Svera P., Ianasi C. Adsorption Performances and Mechanisms of MgFe ₂ O ₄ Spinel Toward Gallium (III) From Aqueous Solution <i>Materials</i> , 17(23),5740, 2024	3.2	Q2
26	Taranu B.-O., Rus F.S., Fagadar-Cosma E. A3B Zn(II)-Porphyrin-Coated Carbon Electrodes Obtained Using Different Procedures and Tested for Water Electrolysis, <i>Coatings</i> ,14(8), 1048, 2024	2.8	Q2
27	Bora A., Crisan L. Editorial on the Special Issue "Natural Compounds Applications in Drug Discovery and Development" <i>Processes</i> 12(6), 1152, 2024	2.8	Q2
28	Cretu C., Andelescu A.A., Silvestru A., Chiş V., Candreva A., La Deda M., Szerb E.I. Symmetry, aggregation and counterion role in tuning NIR absorbance of a Cu(I) coordination complex <i>Inorg. Chim. Acta</i> , 572, 122302, 2024 (open access Anelis Plus)	3.2	Q2
29	Crisan M., Muntean C., Chumakov Y., Plesu N. Investigating The Corrosion Inhibition Mechanisms of Alkanolammonium Salts: A Case Study with	2.5	Q2

	Ethylethanolammonium 4-Nitrobenzoate on Carbon Steel in Saline Solution <i>Appl. Sci.</i> , 14(5), 1832, 2024		
30	Danilescu O., Bourosh P., Bulhac I., Shova S., Kravtsov V.C., Caraba M.N., Caraba I.V., Popescu R., Crisan M., Haidu D., Kulikova O., Costriucova N.V., Petuhov O., Croitor L. Laminated Dihydrazone Zn(II) Coordination Polymer with Prospects for Sensory and Multifunctional Biomedical Applications <i>Polyhedron</i> , 258, 117039, 2024	2.6	Q2
31	Crisan L., Istrate D. In Silico Approach for Fighting Human Immunodeficiency Virus: A Drug Repurposing Strategy <i>Chem. Pap.</i> 79, 417-435, 2024	2.5	Q3
32	Costea L.V., Rădulescu-Grad M.E., Fafilek G. Electrochemical and Density Functional Theory Studies of Some Newly Synthesized Azo-Stilbene Chromogenic Structures <i>Monats. fur Chem</i> , 155; 493-505, 2024	1.9	Q3
33	Popa E., Andelescu A.A., Badea V., Svera P., Szerb E.I. Bis(2,6-di(pyridin-2-yl)pyridin-4-yl)-6,6'-(1,2-diselanediy)l dihexanoate <i>Molbank</i> , 2024 (1), M1752, 2024	0.4	Q4
34	Petrosova H. R., Naumova D. D., Golenya I. A., Buta I. Gural'skiy I.A. Crystal structure and Hirshfeld surface analysis of the salt 2-iodoethylammonium iodide - a possible side product upon synthesis of hybrid perovskites <i>Acta Crystallogr. E</i> , 80, 1226-1229, 2024	0.6	Q4
35	Pahomi A., Bradu I.A., Neidoni D.G., Ilia G. Influence of Biphasic Calcium Phosphate Incorporation Into Alginate Matrices <i>Mater. Plast.</i> , 61(2), 15-27, 2024	0.7	Q4
TOTAL		255.4	Q1=11 Q2=19 Q3=2 Q4=3