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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 2022 Nat. Rev. Drug Discov. , 22, 437, 2023	122.8	Q1
2	Avram S., Wilson T.B., Curpan R., Halip L., Borota A., Bora A., Bologa C.G., Holmes J., Knockel J., Yang J.J., Oprea T.I. DrugCentral 2023 extends human clinical data and integrates veterinary drugs. Nucleic Acids Res. 51(D1), D1276-D1287, 2023	16.7	Q1
3	Halip L., Avram S., Curpan R., Borota A., Bora A., Bologa C., Oprea T.I. Exploring Drugcentral: From Molecular Structures To Clinical Effects J. Comp-Aid. Mol. Design , 37, 681-694, 2023	3.0	Q2
4	Istrate D., Crisan L. Dipeptidyl Peptidase 4 Inhibitors In Type 2 Diabetes Mellitus Management: Pharmacophore Virtual Screening, Molecular Docking, Pharmacokinetic Evaluations, And Conceptual DFT analysis Processes , 11(11), 3100, 2023	2.8	Q2
5	Pacureanu L., Bora A., Crisan L. New Insights on the Activity and Selectivity of MAO-B Inhibitors Through in Silico Methods Int. J. Mol. Sci. , 24(11), 9583, 2023	4.9	Q1
6	Popa A., Cochechi L., Lupa L., Pop A., Visa A. 8-Phosphonated Glycine Pendant Groups Grafted on Styrene-6.7% Divinylbenzene Copolymers: Synthesis and Their Application as Photocatalysts Appl. Sci. , 13, 2025, 2023	2.5	Q2
7	Dobos A. M., Popa A., Rimbu C. M., Filimon A. Structure-Bioactivity Relationship of the Functionalized Polysulfone with Triethylphosphonium Pendant Groups: Perspective for Biomedical Applications Polymers , 15, 877, 2023	4.7	Q1
8	Ilia G., Simulescu V., Plesu N., Chiriac V., Merghes P. Wittig and Wittig-Horner Reactions under Sonication Conditions Molecules. , 4(28), 1958, 2023	4.2	Q2
9	Plesu N., Macarie L., Tara-Lunga Mihali M., Maranescu B. Visa A., Jurcau D. Polyester-Based Coatings with a Metal Organic Framework: An Experimental Study for Corrosion Protection J. Compos. Sci. , 7(10), 422, 2023	3.0	Q2

10	Muntean S.G., Halip L., Nistor M.A., Păcurariu C. Removal of Metal Ions Via Adsorption Using Carbon Magnetic Nanocomposites: Optimization Through Response Surface Methodology, Kinetic and Thermodynamic Studies <i>Magnetochemistry</i> , 9, 163, 2023	2.6	Q2
11	Muntean S.G., Nistor M.A., Nastas R., Petuhov O. Dyes And Heavy Metals Removal From Aqueous Solutions Using Raw and Modified Diatomite <i>Processes</i> , 11(8), 2245, 2023	2.8	Q2
12	Sumalan R.L., Nescu V., Berbecea A., Sumalan R.M., Crisan M., Negrea P., Ciulca S. The Impact of Heavy Metal Accumulation on Some Physiological Parameters in <i>Silphium perfoliatum</i> L. Plants Grown in Hydroponic Systems. <i>Plants (Basel)</i> , 12(8), 1718, 2023	4.0	Q1
13	Moșoarca G., Vancea C., Popa S., Boran S., Negrea P., Rădulescu-Grad M.E., Studies Regarding Copper Ions Removal from Wastewaters using Oak Wood Ash and the Effect of Exhausted Ash as Soil Amendment. <i>Studia UBB Chemia</i> , LXVIII, 1, 2023	1.0	Q4
14	Birdeanu M., Fratilescu I., Epuran C., Mocanu L., Ianasi C., Lascu A., Fagadar-Cosma E. Nanomaterials Based on Collaboration with Multiple Partners: Zn ₃ Nb ₂ O ₈ Doped with Eu ³⁺ and/or Amino Substituted Porphyrin Incorporated in Silica Matrices for the Discoloration of Methyl Red <i>Int. J. Mol. Sci.</i> , 13, 8920, 2023	4.9	Q1
15	Vlascici D., Lascu A., Fratilescu I., Anghel D., Epuran C., Birdeanu M., Chiriac V., Fagadar-Cosma E. Asymmetric Pt(II)-Porphyrin Incorporated in a PVC Ion-Selective Membrane for the Potentiometric Detection of Citrate. <i>Chemosensors</i> , 11, 108, 2023	3.7	Q1
16	Taranu B.-O., Fagadar-Cosma E., Sfirloaga P., Poienar M. Free-Base Porphyrin Aggregates Combined with Nickel Phosphite for Enhanced Alkaline Hydrogen Evolution <i>Energies</i> , 16, 1212, 2023	3.0	Q3
17	Maxim F.I., Tanasa E., Mitrea B., Diac C., Skála T., Tanase L.C., Ianăși C., Ciocanea A., Antohe S., Vasile E., Fagadar-Cosma E., Stamatin S.N. Polymeric Carbon Nitrides for Photoelectrochemical Applications: Ring Opening-Induced Degradation <i>Nanomaterials</i> , 13, 1248, 2023	4.4	Q2
18	Cretu C., Popa E., Di Maio G., Candreva A., Buta I., Visan A., La Deda M., Donnio B., Szerb E.I. Bimetallic Liquid Crystal Blends Based On Structurally Related 3d-Metal Coordination Complexes <i>Chem. Commun.</i> , 59, 10616, 2023.	4.3	Q2
19	Popa E., Andelescu A.A., Ilies S. (b. Motoc), Visan A., Cretu C., Scarpelli F., Crispini A., Manea F., Szerb E.I.	3.1	Q1

	Hetero-Bimetallic Ferrocene-Containing Zinc(II)-Terpyridyl-Based Metallomesogen: Structural and Electrochemical Characterization <i>Materials</i> , 16, 1946, 2023		
20	Cretu C., Nicola R., Marinescu S.-A., Piciorus E.-M., Suba M., Duda-Seiman C., Len A., Illés L., Horváth Z.E., Putz A.-M. Performance of Zr-Based Metal-Organic Framework Materials as In Vitro Systems for the Oral Delivery of Captopril and Ibuprofen <i>Int. J. Mol. Sci.</i> , 24, 13887, 2023	4.9	Q1
21	Baciu A., Orha C., Nicolae R., Nicolaescu M., Ilies S., Manea F. Advanced Electrochemical Degradation of Organic Pollutants from Water Using Sb-Doped SnO ₂ /Ti Anode and Assisted by Granular Activated Carbon <i>Coatings</i> , 13(6), 1127, 2023	2.9	Q2
22	Mladin G., Ciopec M., Negrea A., Duteanu N., Negrea P., Svera P., Ianăși C. Selenite Removal from Aqueous Solution Using Silica-Iron Oxide Nanocomposite Adsorbents <i>Gels</i> , 9(6), 497, 2023	5.0	Q1
23	Vancea C., Mladin G., Ciopec M., Negrea A., Duteanu N., Negrea P., Mosoarca G., Ianăși C. Arsenic Removal Using Unconventional Material with Iron Content: Batch Adsorption and Column Study. <i>Toxics</i> , 11(10), 849, 2023	3.9	Q1
24	Conte G., Simari C., Putz A.-M., Bonaventura C.P., Porto M., Desiderio G., Agostino R.G., Policicchio A. Hydrogen Storage and Mobility Determined By NMR To Various Organically Functionalized Porous Silica Synthesized by using the Post-Grafting Method <i>Int. J. Hyd. Energy</i> , 48(70), 27319-27329, 2023	8.1	Q1
25	Herman P., Pércsi D., Fodor T., Juhász L., Dudás Z., Horváth Z.E., Ryukhtin V., Putz A.-M., Kalmár J., Almásy L. Selective And High Capacity Recovery of Aqueous Ag(I) by Thiol Functionalized Mesoporous Silica Sorbent <i>J. Mol. Liq.</i> , 387, 122598, 2023	5.3	Q1
26	Wang Y., Li Y.X., Cseh L., Chen Y.X., Yang S.G., Zeng X.B., Liu F., Hu W.B., Ungar G. Enantiomers Self-Sort into Separate Counter-Twisted Ribbons of the Fddd Liquid Crystal Antiferrochirality and Parachirality <i>J. Am. Chem. Soc.</i> , 45(31), 17443-17460, 2023	14.5	Q1
27	Borcănescu S., Popa A., Verdeș O., Suba M. Functionalized Ordered Mesoporous MCM-48 Silica: Synthesis, Characterization and Adsorbent for CO ₂ Capture <i>Int. J. Mol. Sci.</i> , 24(12), 10345, 2023	4.9	Q1
28	Ianasi C., Svera P., Popa A., Lazau R., Negrea A., Negrea P., Duteanu N., Ciopec M., Nemes N.S. Adsorbent Material Based on Carbon Black and Bismuth with Tunable Properties for Gold recovery <i>Materials</i> , 16(7), 2837, 2023	3.1	Q1
29	Ianasi C., Pascu B., Nemes N., Popa A.	2.5	Q3

	Synthesis and Characterization of Amorphous $\text{SiO}_2\text{-Fe}_x\text{O}_y$ Materials Starting From Iron Sulfate for Preliminary Studies of CO_2 adsorption <i>Separations</i> , 10(6), 352, 2023		
30	Ianasi C., Nemes N., Pascu B., Lazau R., Negrea A., Negrea P., Duteanu N., Ciopec M., Plocek J., Popa A., Badescu B., Duda-Seiman D.M., Muntean D. Synthesis, Characterization and Antimicrobial Activity of Multiple Morphologies of Gold/Platinum Doped Bismuth Oxide Nanostructures <i>Int. J. Mol. Sci.</i> , 24(17), 13173, 2023	4.9	Q1
31	Lascu A., Vlascici D., Birdeanu M., Epuran C., Fratilescu I., Fagadar-Cosma E. The Influence of the Nature of the Polymer Incorporating the Same A3B Multifunctional Porphyrin on the Optical or Electrical Capacity to Recognize Procaine <i>Int. J. Mol. Sci.</i> , 24(24), 17265, 2023	4.9	Q1
32	Merkulov D.S., Vlazan P., Poienar M., Bognar S., Ianasi C., Sfirloaga P. Sustainable removal of 17 α -ethynylestradiol from aqueous environment using rare earth doped lanthanum manganite nanomaterials <i>Catal. Today.</i> , 424, 113746, 2023	5.2	Q1
33	Ardelean R., Popa A., Dragan ES., Davidescu C.M. Removal of Aromatic Amino-derivatives from Aqueous Solutions Using Polymeric Supports Functionalized with Aminophosphonated/aminoacid-phosphonated Groups <i>Mater. Plast.</i> , 60(4), 44-53, 2023	0.6	Q4
34	Plesu N., Maranescu B., Tara-Lunga-Mihali M., Visa A. Electrochemical Oxidation of Phenol Released from Spent Coordination Polymer Impregnated with Ionic Liquid <i>J. Compos. Sci.</i> , 7(12), 510, 2023	3.0	Q2
TOTAL		272.1	Q1= 19 Q2= 11 Q3= 2 Q4= 2