

No		Authors	Article title	Jornal	IF
1	Author/corresponding author	Diana Anghel , Dana Vlascici, Bianca-Denisa Cernușcă, Vlad Chiriac, Gheorghe Ilia	Hydrothermal Synthesis of a Nickel(II) Phosphinate Coordination Material and Its Integration into a PVC Membrane for Potentiometric Naloxone Detection	Processes (MDPI)	3.4/2026
2	Author/corresponding author	Diana Anghel , Gheorghe Ilia, Vlad Chiriac, Dana Vlascici	Preparation and Characterization of a Ni/Cu–Phosphinate Material with Methylene Blue Removal Properties	Micro (MDPI)	2.4/2026
3	Author/corresponding author	Diana Anghel , Vlad Chiriac, Dana Vlascici, Bianca-Denisa Cernusca, Gheorghe Ilia	General considerations and characterizations of metal-2-carboxyethyl(phenyl)phosphinates	Journal of Chemical Research (SAGE)	1.5/2026
4	Author	Diana Anghel , Camelia Epuran, Ionela Fringu, Ion Fratilescu, Anca Lascu, Ana-Maria Macsim, Vlad Chiriac, Mihaela Gherban, Dana Vlascici, Eugenia Fagadar-Cosma	Double Type Detection of Triiodide and Iodide Ions Using a Manganese (III) Porphyrin as Sensitive Compound	Sensors (MDPI)	/2024
5	Co-author	Ionela Fringu, Diana Anghel , Ion Fratilescu, Camelia Epuran, Mihaela Birdeanu, Eugenia Fagadar-Cosma	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⁺	Biomedicine s (MDPI)	/2024
6	Co-author	Dana Vlascici, Anca Lascu, Ion Fratilescu, Diana Anghel , Camelia Epuran, Mihaela Birdeanu, Vlad Chiriac, Eugenia Fagadar-Cosma	Asymmetric Pt (II)-Porphyrin Incorporated in a PVC Ion-Selective Membrane for the Potentiometric Detection of Citrate	Chemosensors (MDPI)	/2023
7	Co-author	Camelia Epuran, Ion Fratilescu, Diana Anghel , Mihaela Birdeanu, Corina Orha, Eugenia Fagadar-Cosma	A Comparison of Uric Acid Optical Detection Using as Sensitive Materials an Amino-Substituted Porphyrin and Its Nanomaterials with	Processes (MDPI)	/2021

			CuNPs, PtNPs and Pt@CuNPs		
8	Co-author	Ion Fratilescu, Zoltán Dudás, Mihaela Birdeanu, Camelia Epuran, Diana Anghel , Ionela Fringu, Anca Lascu, Adél Len, Eugenia Fagadar-Cosma	Hybrid silica materials applied for fuchsine B color removal from wastewaters	Nanomaterials (MDPI)	/2021
9	Author	Diana Anghel , Anca Lascu, Camelia Epuran, Ion Fratilescu, Catalin Ianasi, Mihaela Birdeanu, Eugenia Fagadar-Cosma	Hybrid Materials Based on Silica Matrices Impregnated with Pt-Porphyrin or PtNPs Destined for CO ₂ Gas Detection or for Wastewaters Color Removal	IntJMolSci (MDPI)	/2020
10	Author	Diana Anghel , Mihaela Birdeanu, Anca Lascu, Camelia Epuran, Eugenia Fagadar-Cosma	Amino-substituted porphyrins at the border of hybrid materials generation and platinum nanoparticles detection	Studia Universitatis Babes-Bolyai. Chemia	/2020
11	Co-author	Eugenia Fagadar-Cosma, Nicoleta Plesu, Anca Lascu, Diana Anghel , Maria Cazacu, Catalin Ianasi, Gheorghe Fagadar-Cosma, Ion Fratilescu, Camelia Epuran	Novel Platinum-Porphyrin as Sensing Compound for Efficient Fluorescent and Electrochemical Detection of H ₂ O ₂	Chemosensors (MDPI)	/2020
12	Co-author	Luminița Sălăgeanu, Delia Muntean, Horhat Florin George, Anca Lascu, Diana Anghel , Iulia Cristina Bagiu, Eugenia Fagadar-Cosma	Antimicrobial activity of different substituted meso-porphyrin derivatives	Revista Romana de Medicina de Laborator	/2020
13	Co-author	LUMINIȚA SALAGEANU, Delia Muntean, Monica Licker, Anca Lascu, Diana Anghel , Eugenia Fagadar-Cosma	Symmetrical and Asymmetrical Meso-Substituted Porphyrins and Zn-Metalloporphyrins in Gold Colloid Environment. Optical Properties and Evaluation of Antibacterial Activity	Farmacia	/2020
14	Co-author	Anca Lascu, Nicoleta Plesu, Diana Anghel , Mihaela Birdeanu, Dana Vlascici, Eugenia Fagadar-Cosma	Optical detection of bromide ions using Pt (II)-5, 10, 15, 20-tetra-(4-methoxy-phenyl)-porphyrin	Chemosensors (MDPI)	/2019
15	Co-author	Eugenia Fagadar-Cosma, Anca Lascu, Sergiu Shova, Mirela-Fernanda Zaltariov, Mihaela Birdeanu, Lilia Croitor, Adriana	X-ray Structure Elucidation of a Pt-Metalloporphyrin and Its Application for Obtaining	IntJMolSci	/2019

		Balan, Diana Anghel , Serban Stamatin	Sensitive AuNPs- Plasmonic Hybrids Capable of Detecting Triiodide Anions	
16	Author	Diana Anghel , Anca Lascu, Ion Fratilescu, Camelia Epuran, Nicoleta Plesu, Eugenia Făgădar- Cosma	Review about Main Requirements for Porphyrin Derivatives as Components of Dye Sensitized Solar Cells	Journal of Solar Energy Research Updates /2019
