

Narcis Duteanu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polythiophene-titanium oxide (PTH-TiO ₂) nanocomposite: As an electron transfer enhancer for biofuel cell anode construction. <i>Journal of Power Sources</i> , 2022, 520, 230867.	4.0	14
2	Preparation and Characterization of Chitosan-Alginate Microspheres Loaded with Quercetin. <i>Polymers</i> , 2022, 14, 490.	2.0	17
3	Towards Replacing Titanium with Copper in the Bipolar Plates for Proton Exchange Membrane Water Electrolysis. <i>Materials</i> , 2022, 15, 1628.	1.3	13
4	Molybdate Recovery by Adsorption onto Silica Matrix and Iron Oxide Based Composites. <i>Gels</i> , 2022, 8, 125.	2.1	4
5	Antimicrobial Activity of Cellulose Based Materials. <i>Polymers</i> , 2022, 14, 735.	2.0	16
6	Symmetry between Structure and Antibacterial Effect of Polymers Functionalized with Phosphonium Salts. <i>Symmetry</i> , 2022, 14, 572.	1.1	0
7	Highly Efficient Recovery of Ruthenium from Aqueous Solutions by Adsorption Using Dibenzo-30-Crown-10 Doped Chitosan. <i>Polymers</i> , 2022, 14, 1551.	2.0	3
8	Precious metals recovery from aqueous solutions using a new adsorbent material. <i>Scientific Reports</i> , 2021, 11, 2016.	1.6	26
9	Evaluation of Performance of Functionalized Amberlite XAD7 with Dibenzo-18-Crown Ether-6 for Palladium Recovery. <i>Materials</i> , 2021, 14, 1003.	1.3	12
10	Full Factorial Design for Gold Recovery from Industrial Solutions. <i>Toxics</i> , 2021, 9, 111.	1.6	15
11	Testing of Chemically Activated Cellulose Fibers as Adsorbents for Treatment of Arsenic Contaminated Water. <i>Materials</i> , 2021, 14, 3731.	1.3	16
12	Factors Influencing the Antibacterial Activity of Chitosan and Chitosan Modified by Functionalization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7449.	1.8	144
13	A Green, Simple and Facile Way to Synthesize Silver Nanoparticles Using Soluble Starch. pH Studies and Antimicrobial Applications. <i>Materials</i> , 2021, 14, 4765.	1.3	9
14	Kinetics, Thermodynamics and Equilibrium Studies for Gold Recovery from Diluted Waste Solution. <i>Materials</i> , 2021, 14, 5325.	1.3	3
15	A review: Evolution of enzymatic biofuel cells. <i>Journal of Environmental Management</i> , 2021, 298, 113483.	3.8	31
16	Antimicrobial Activities of Chitosan Derivatives. <i>Pharmaceutics</i> , 2021, 13, 1639.	2.0	12
17	A New Perspective on Adsorbent Materials Based Impregnated MgSiO ₃ with Crown Ethers for Palladium Recovery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10718.	1.8	5
18	Eu(III) removal by tetrabutylammonium di-hydrogen phosphate (TBAH ₂ P) functionalized polymers. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3534-3545.	2.3	8

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19	Kinetics and thermodynamics modeling of Nd(III) removal from aqueous solution using modified Amberlite XAD7. <i>Journal of Rare Earths</i> , 2020, 38, 306-314.	2.5	11
20	Estimation on Fixed-Bed Column Parameters of Breakthrough Behaviors for Gold Recovery by Adsorption onto Modified/Functionalized Amberlite XAD7. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6868.	1.2	25
21	Antimicrobial activity of fusidic acid inclusion complexes. <i>International Journal of Infectious Diseases</i> , 2020, 101, 65-73.	1.5	9
22	Platinum (IV) Recovery from Waste Solutions by Adsorption onto Dibenzo-30-crown-10 Ether Immobilized on Amberlite XAD7 Resin – Factorial Design Analysis. <i>Molecules</i> , 2020, 25, 3692.	1.7	8
23	Batch and Fixed-Bed Column Studies on Palladium Recovery from Acidic Solution by Modified MgSiO ₃ . <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9500.	1.2	9
24	Modified Chitosan for Silver Recovery – Kinetics, Thermodynamic, and Equilibrium Studies. <i>Materials</i> , 2020, 13, 657.	1.3	11
25	The rcdk and cluster R packages applied to drug candidate selection. <i>Journal of Cheminformatics</i> , 2020, 12, 3.	2.8	32
26	New Generation of Antibacterial Products Based on Colloidal Silver. <i>Materials</i> , 2020, 13, 1578.	1.3	5
27	Synthesis, Characterization and Adsorptive Performances of a Composite Material Based on Carbon and Iron Oxide Particles. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1609.	1.8	6
28	Gold (III) adsorption from dilute waste solutions onto Amberlite XAD7 resin modified with L-glutamic acid. <i>Scientific Reports</i> , 2019, 9, 8757.	1.6	35
29	Prevention of Deficit in Neuropsychiatric Disorders through Monitoring of Arsenic and Its Derivatives as Well as Through Bioinformatics and Cheminformatics. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1804.	1.8	9
30	Amberlite XAD7 resin functionalized with crown ether and Fe(III) used for arsenic removal from water. <i>Pure and Applied Chemistry</i> , 2019, 91, 375-388.	0.9	7
31	As(III) Removal by Dynamic Adsorption onto Amberlite XAD7 Functionalized with Crown Ether and Doped with Fe(III) Ions. <i>Revista De Chimie (discontinued)</i> , 2019, 70, 2330-2334.	0.2	2
32	Rare Earth Elements Removal from Water Using Natural Polymers. <i>Scientific Reports</i> , 2018, 8, 316.	1.6	56
33	Recent Progress Towards Scaling Up of MFCs. , 2018, , 443-457.		7
34	Effect of mixed-phase copper oxide on photovoltaic performance of p-type dye-sensitized solar cells. , 2018, , .		0
35	New Trends in Monitoring and Removing the Pollutants from Water. <i>Journal of Chemistry</i> , 2018, 2018, 1-2.	0.9	3
36	ARSENIC ADSORPTION INTO THE FIXED BED COLUMN FROM DRINKING GROUNDWATER. , 2018, , .		2

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37	VOLTAMMETRIC STUDIES OF YBaCo ₂ O ₅ IN ALKALINE AQUEOUS SOLUTION. Environmental Engineering and Management Journal, 2018, 17, 2807-2814.	0.2	0
38	A NEW ADSORBENT FOR ARSENIC REMOVAL FROM WATER. WIT Transactions on Ecology and the Environment, 2018, , .	0.0	0
39	Optimizing the lanthanum adsorption process onto chemically modified biomaterials using factorial and response surface design. Journal of Environmental Management, 2017, 204, 839-844.	3.8	27
40	A Basic Overview of Fuel Cells: Thermodynamics and Cell Efficiency. , 2017, , 193-217.		0
41	Sorption properties of Amberlite XAD 7 functionalized with sodium $\hat{1}^2$ -glycerophosphate. Pure and Applied Chemistry, 2016, 88, 1143-1154.	0.9	2
42	The effects of doping on the structural, optical and electric properties of Zn ₄ Sb ₃ material. Journal of the Serbian Chemical Society, 2016, 81, 323-332.	0.4	2
43	Use of styrene \hat{e} “divinylbenzene grafted with aminoethylaminomethyl groups and various ionic liquids in the removal process of thallium and strontium. Pure and Applied Chemistry, 2014, 86, 1741-1753.	0.9	15
44	2-[1-(4-Bromophenyl)-3-hydroxy-3-(4-methoxyphenyl)propyl]cyclohexanol. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1091-o1092.	0.2	1
45	Electrochemical behaviour of YBaCo ₄ O ₇ in alkaline aqueous solution. Journal of Solid State Electrochemistry, 2011, 15, 1227-1233.	1.2	3
46	Nitric acid activation of graphite granules to increase the performance of the non-catalyzed oxygen reduction reaction (ORR) for MFC applications. Electrochemistry Communications, 2009, 11, 1547-1549.	2.3	91
47	Kinetics of hydrogen evolution reaction on skeleton nickel and nickel \hat{e} “titanium electrodes obtained by thermal arc spraying technique. International Journal of Hydrogen Energy, 2007, 32, 3258-3265.	3.8	82