Adina Negrea

List of Publications by Year
in descending order

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47	809	516710	552781
papers	citations	16	26
		h-index	g-index

47	47	47	690
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and characterization of magnetic iron oxide â€“ silica nanocomposites used for adsorptive recovery of palladium (II). Soft Materials, 2022, 20, S68-S75.	1.7	7
2	Molybdate Recovery by Adsorption onto Silica Matrix and Iron Oxide Based Composites. Gels, 2022, 8, 125.	4.5	4
3	Antimicrobial Activity of Cellulose Based Materials. Polymers, 2022, 14, 735.	4.5	16
4	Symmetry between Structureâ€“Antibacterial Effect of Polymers Functionalized with Phosphonium Salts. Symmetry, 2022, 14, 572.	2.2	0
5	Highly Efficient Recovery of Ruthenium from Aqueous Solutions by Adsorption Using Dibenzo-30-Crown-10 Doped Chitosan. Polymers, 2022, 14, 1551.	4.5	3
6	Comparison of Structure and Adsorption Properties of Mesoporous Silica Functionalized with Aminopropyl Groups by the Co-Condensation and the Post Grafting Methods. Materials, 2021, 14, 628.	2.9	20
7	Precious metals recovery from aqueous solutions using a new adsorbent material. Scientific Reports, 2021, 11, 2016.	3.3	26
8	Investigation of Environmental Leaching Behavior of an Innovative Method for Landfilling of Waste Incineration Air Pollution Control Residues. Energies, 2021, 14, 1025.	3.1	1
9	Effects of catalysts on structural and adsorptive properties of iron oxide-silica nanocomposites. Korean Journal of Chemical Engineering, 2021, 38, 292-305.	2.7	7
10	Evaluation of Performance of Functionalized Amberlite XAD7 with Dibenzo-18-Crown Ether-6 for Palladium Recovery. Materials, 2021, 14, 1003.	2.9	12
11	Full Factorial Design for Gold Recovery from Industrial Solutions. Toxics, 2021, 9, 111.	3.7	15
12	Testing of Chemically Activated Cellulose Fibers as Adsorbents for Treatment of Arsenic Contaminated Water. Materials, 2021, 14, 3731.	2.9	16
13	Factors Influencing the Antibacterial Activity of Chitosan and Chitosan Modified by Functionalization. International Journal of Molecular Sciences, 2021, 22, 7449.	4.1	144
14	A Green, Simple and Facile Way to Synthesize Silver Nanoparticles Using Soluble Starch. pH Studies and Antimicrobial Applications. Materials, 2021, 14, 4765.	2.9	9
15	Kinetics, Thermodynamics and Equilibrium Studies for Gold Recovery from Diluted Waste Solution. Materials, 2021, 14, 5325.	2.9	3
16	Antimicrobial Activities of Chitosan Derivatives. Pharmaceutics, 2021, 13, 1639.	4.5	12
17	A New Perspective on Adsorbent Materials Based Impregnated MgSiO3 with Crown Ethers for Palladium Recovery. International Journal of Molecular Sciences, 2021, 22, 10718.	4.1	5
18	Estimation on Fixed-Bed Column Parameters of Breakthrough Behaviors for Gold Recovery by Adsorption onto Modified/Functionalized Amberlite XAD7. International Journal of Environmental Research and Public Health, 2020, 17, 6868.	2.6	25

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19	Platinum (IV) Recovery from Waste Solutions by Adsorption onto Dibenzo-30-crown-10 Ether Immobilized on Amberlite XAD7 Resinâ€"Factorial Design Analysis. Molecules, 2020, 25, 3692.	3.8	8
20	Batch and Fixed-Bed Column Studies on Palladium Recovery from Acidic Solution by Modified MgSiO3. International Journal of Environmental Research and Public Health, 2020, 17, 9500.	2.6	9
21	Modified Chitosan for Silver Recoveryâ€"Kinetics, Thermodynamic, and Equilibrium Studies. Materials, 2020, 13, 657.	2.9	11
22	New Generation of Antibacterial Products Based on Colloidal Silver. Materials, 2020, 13, 1578.	2.9	5
23	Silica-Coated Magnetic Nanocomposites for Pb2+ Removal from Aqueous Solution. Applied Sciences (Switzerland), 2020, 10, 2726.	2.5	48
24	Gold (III) adsorption from dilute waste solutions onto Amberlite XAD7 resin modified with L-glutamic acid. Scientific Reports, 2019, 9, 8757.	3.3	35
25	Removal of cadmium from aqueous solutions using inorganic porous nanocomposites. Korean Journal of Chemical Engineering, 2019, 36, 688-700.	2.7	22
26	Prevention of Deficit in Neuropsychiatric Disorders through Monitoring of Arsenic and Its Derivatives as Well as Through Bioinformatics and Cheminformatics. International Journal of Molecular Sciences, 2019, 20, 1804.	4.1	9
27	Amberlite XAD7 resin functionalized with crown ether and Fe(III) used for arsenic removal from water. Pure and Applied Chemistry, 2019, 91, 375-388.	1.9	7
28	As(III) Removal by Dynamic Adsorption onto Amberlite XAD7 Functionalized with Crown Ether and Doped with Fe(III) Ions. Revista De Chimie (discontinued), 2019, 70, 2330-2334.	0.4	2
29	Rare Earth Elements Removal from Water Using Natural Polymers. Scientific Reports, 2018, 8, 316.	3.3	56
30	Optimizing the lanthanum adsorption process onto chemically modified biomaterials using factorial and response surface design. Journal of Environmental Management, 2017, 204, 839-844.	7.8	27
31	Sorption properties of Amberlite XAD 7 functionalized with sodium Î²-glycerophosphate. Pure and Applied Chemistry, 2016, 88, 1143-1154.	1.9	2
32	Cd(II) Capture Ability of an Immobilized, Fluorescent Hexapeptide. Bulletin of the Chemical Society of Japan, 2016, 89, 243-253.	3.2	3
33	Lanthanum Separation from Aqueous Solutions Using Magnesium Silicate Functionalized with Tetrabutylammonium Dihydrogen Phosphate. Journal of Chemical & Engineering Data, 2016, 61, 535-542.	1.9	24
34	Low temperature superparamagnetic nanocomposites obtained by Fe(acac)3-SiO2-PVA hybrid xerogel thermolysis. Processing and Application of Ceramics, 2016, 10, 265-275.	0.8	12
35	Behaviour of Silica and Florisil as Solid Supports in the Removal Process of As(V) from Aqueous Solutions. Journal of Analytical Methods in Chemistry, 2015, 2015, 1-10.	1.6	9
36	Remediation of Rare Earth Element Pollutants by Sorption Process Using Organic Natural Sorbents. International Journal of Environmental Research and Public Health, 2015, 12, 11278-11287.	2.6	43

#	Article	IF	Citations
37	Nanocrystalline ferrites used as adsorbent in the treatment process of waste waters resulted from ink jet cartridges manufacturing. Open Chemistry, 2015, 13, .	1.9	8
38	Studies Regarding As(V) Adsorption from Underground Water by Fe-XAD8-DEHPA Impregnated Resin. Equilibrium Sorption and Fixed-Bed Column Tests. Molecules, 2014, 19, 16082-16101.	3.8	22
39	Phosphonium grafted styreneâ€“divinylbenzene resins impregnated with iron(III) and crown ethers for arsenic removal. Pure and Applied Chemistry, 2014, 86, 1729-1740.	1.9	24
40	SILICA IMPREGNATED WITH CYPHOS IL-101 FOR Cs+ ADSORPTION. Environmental Engineering and Management Journal, 2014, 13, 2005-2013.	0.6	7
41	Synthesis, characterization, and Ni(II) ion sorption properties of poly(styrene-co-divinylbenzene) functionalized with aminophosphonic acid groups. Polymer Bulletin, 2013, 70, 277-291.	3.3	20
42	Influence of thermal treatment on the formation of zirconia nanostructured powder by thermal decomposition of different precursors. Journal of Crystal Growth, 2013, 381, 93-99.	1.5	13
43	STATISTISTICAL OPTIMIZATION OF CHROMIUM IONS ADSORPTION ON DEHPA-IMPREGNATED AMBERLITE XAD7. Environmental Engineering and Management Journal, 2012, 11, 525-531.	0.6	4
44	Removal of As^V by Fe^{III}-Loaded XAD7 Impregnated Resin Containing Di(2-ethylhexyl) Phosphoric Acid (DEHPA): Equilibrium, Kinetic, and Thermodynamic Modeling Studies. Journal of Chemical & Engineering Data, 2011, 56, 3830-3838.	1.9	22
45	Equilibrium and Kinetic Studies of the Adsorption of Cr(III) Ions onto Amberlite XAD-8 Impregnated with Di-(2-ethylhexyl) Phosphoric Acid (DEHPA). Adsorption Science and Technology, 2011, 29, 989-1005.	3.2	9
46	Adsorption of As(III) Ions onto Iron-Containing Waste Sludge. Adsorption Science and Technology, 2010, 28, 467-484.	3.2	15
47	Magnesium silicate doped with environmentally friendly extractants used for rare earth elements adsorption. , 0, 63, 124-134.		8