

Adina Negrea

List of Publications by Year in descending order

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47
papers

809
citations

516710

16
h-index

552781

26
g-index

47
all docs

47
docs citations

47
times ranked

690
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors Influencing the Antibacterial Activity of Chitosan and Chitosan Modified by Functionalization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7449.	4.1	144
2	Rare Earth Elements Removal from Water Using Natural Polymers. <i>Scientific Reports</i> , 2018, 8, 316.	3.3	56
3	Silica-Coated Magnetic Nanocomposites for Pb ²⁺ Removal from Aqueous Solution. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2726.	2.5	48
4	Remediation of Rare Earth Element Pollutants by Sorption Process Using Organic Natural Sorbents. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 11278-11287.	2.6	43
5	Gold (III) adsorption from dilute waste solutions onto Amberlite XAD7 resin modified with L-glutamic acid. <i>Scientific Reports</i> , 2019, 9, 8757.	3.3	35
6	Optimizing the lanthanum adsorption process onto chemically modified biomaterials using factorial and response surface design. <i>Journal of Environmental Management</i> , 2017, 204, 839-844.	7.8	27
7	Precious metals recovery from aqueous solutions using a new adsorbent material. <i>Scientific Reports</i> , 2021, 11, 2016.	3.3	26
8	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.	2.6	25
9	Phosphonium grafted styrene-divinylbenzene resins impregnated with iron(III) and crown ethers for arsenic removal. <i>Pure and Applied Chemistry</i> , 2014, 86, 1729-1740.	1.9	24
10	Lanthanum Separation from Aqueous Solutions Using Magnesium Silicate Functionalized with Tetrabutylammonium Dihydrogen Phosphate. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 535-542.	1.9	24
11	Removal of As ^V by Fe ^{III} -Loaded XAD7 Impregnated Resin Containing Di(2-ethylhexyl) Phosphoric Acid (DEHPA): Equilibrium, Kinetic, and Thermodynamic Modeling Studies. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3830-3838.	1.9	22
12	Studies Regarding As(V) Adsorption from Underground Water by Fe-XAD8-DEHPA Impregnated Resin. Equilibrium Sorption and Fixed-Bed Column Tests. <i>Molecules</i> , 2014, 19, 16082-16101.	3.8	22
13	Removal of cadmium from aqueous solutions using inorganic porous nanocomposites. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 688-700.	2.7	22
14	Synthesis, characterization, and Ni(II) ion sorption properties of poly(styrene-co-divinylbenzene) functionalized with aminophosphonic acid groups. <i>Polymer Bulletin</i> , 2013, 70, 277-291.	3.3	20
15	Comparison of Structure and Adsorption Properties of Mesoporous Silica Functionalized with Aminopropyl Groups by the Co-Condensation and the Post Grafting Methods. <i>Materials</i> , 2021, 14, 628.	2.9	20
16	Testing of Chemically Activated Cellulose Fibers as Adsorbents for Treatment of Arsenic Contaminated Water. <i>Materials</i> , 2021, 14, 3731.	2.9	16
17	Antimicrobial Activity of Cellulose Based Materials. <i>Polymers</i> , 2022, 14, 735.	4.5	16
18	Adsorption of As(III) Ions onto Iron-Containing Waste Sludge. <i>Adsorption Science and Technology</i> , 2010, 28, 467-484.	3.2	15

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19	Full Factorial Design for Gold Recovery from Industrial Solutions. <i>Toxics</i> , 2021, 9, 111.	3.7	15
20	Influence of thermal treatment on the formation of zirconia nanostructured powder by thermal decomposition of different precursors. <i>Journal of Crystal Growth</i> , 2013, 381, 93-99.	1.5	13
21	Evaluation of Performance of Functionalized Amberlite XAD7 with Dibenzo-18-Crown Ether-6 for Palladium Recovery. <i>Materials</i> , 2021, 14, 1003.	2.9	12
22	Low temperature superparamagnetic nanocomposites obtained by Fe(acac) ₃ -SiO ₂ -PVA hybrid xerogel thermolysis. <i>Processing and Application of Ceramics</i> , 2016, 10, 265-275.	0.8	12
23	Antimicrobial Activities of Chitosan Derivatives. <i>Pharmaceutics</i> , 2021, 13, 1639.	4.5	12
24	Modified Chitosan for Silver Recovery Kinetics, Thermodynamic, and Equilibrium Studies. <i>Materials</i> , 2020, 13, 657.	2.9	11
25	Equilibrium and Kinetic Studies of the Adsorption of Cr(III) Ions onto Amberlite XAD-8 Impregnated with Di-(2-ethylhexyl) Phosphoric Acid (DEHPA). <i>Adsorption Science and Technology</i> , 2011, 29, 989-1005.	3.2	9
26	Behaviour of Silica and Florisil as Solid Supports in the Removal Process of As(V) from Aqueous Solutions. <i>Journal of Analytical Methods in Chemistry</i> , 2015, 2015, 1-10.	1.6	9
27	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.	4.1	9
28	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.	2.6	9
29	A Green, Simple and Facile Way to Synthesize Silver Nanoparticles Using Soluble Starch. pH Studies and Antimicrobial Applications. <i>Materials</i> , 2021, 14, 4765.	2.9	9
30	Nanocrystalline ferrites used as adsorbent in the treatment process of waste waters resulted from ink jet cartridges manufacturing. <i>Open Chemistry</i> , 2015, 13, .	1.9	8
31	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.	3.8	8
32	Magnesium silicate doped with environmentally friendly extractants used for rare earth elements adsorption. <i>Open Chemistry</i> , 2015, 13, 124-134.		8
33	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.	1.9	7
34	Effects of catalysts on structural and adsorptive properties of iron oxide-silica nanocomposites. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 292-305.	2.7	7
35	SILICA IMPREGNATED WITH CYPHOS IL-101 FOR Cs+ ADSORPTION. <i>Environmental Engineering and Management Journal</i> , 2014, 13, 2005-2013.	0.6	7
36	Synthesis and characterization of magnetic iron oxide silica nanocomposites used for adsorptive recovery of palladium (II). <i>Soft Materials</i> , 2022, 20, S68-S75.	1.7	7

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37	New Generation of Antibacterial Products Based on Colloidal Silver. <i>Materials</i> , 2020, 13, 1578.	2.9	5
38	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.	4.1	5
39	STATISTICAL OPTIMIZATION OF CHROMIUM IONS ADSORPTION ON DEHPA-IMPREGNATED AMBERLITE XAD7. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 525-531.	0.6	4
40	Molybdate Recovery by Adsorption onto Silica Matrix and Iron Oxide Based Composites. <i>Gels</i> , 2022, 8, 125.	4.5	4
41	Cd(II) Capture Ability of an Immobilized, Fluorescent Hexapeptide. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 243-253.	3.2	3
42	Kinetics, Thermodynamics and Equilibrium Studies for Gold Recovery from Diluted Waste Solution. <i>Materials</i> , 2021, 14, 5325.	2.9	3
43	Highly Efficient Recovery of Ruthenium from Aqueous Solutions by Adsorption Using Dibenzo-30-Crown-10 Doped Chitosan. <i>Polymers</i> , 2022, 14, 1551.	4.5	3
44	Sorption properties of Amberlite XAD 7 functionalized with sodium \hat{I}^2 -glycerophosphate. <i>Pure and Applied Chemistry</i> , 2016, 88, 1143-1154.	1.9	2
45	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.	0.4	2
46	Investigation of Environmental Leaching Behavior of an Innovative Method for Landfilling of Waste Incineration Air Pollution Control Residues. <i>Energies</i> , 2021, 14, 1025.	3.1	1
47	Symmetry between Structure and Antibacterial Effect of Polymers Functionalized with Phosphonium Salts. <i>Symmetry</i> , 2022, 14, 572.	2.2	0