

Lavinia A Lupa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

533
citations

13
h-index

19
g-index

67
ext. papers

656
ext. citations

2.9
avg, IF

3.87
L-index

#	Paper	IF	Citations
57	Phenol adsorption using Aliquat 336 functionalized Zn-Al layered double hydroxide. <i>Separation and Purification Technology</i> , 2018 , 196, 82-95	8.3	41
56	Adsorption studies of Cr(III) ions from aqueous solutions by DEHPA impregnated onto Amberlite XAD7 [Factorial design analysis. <i>Chemical Engineering Research and Design</i> , 2012 , 90, 1660-1670	5.5	41
55	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, 11278-87	4.6	36
54	BiFeO ₃ -synthesis, characterization and its photocatalytic activity towards doxorubicin degradation from water. <i>Ceramics International</i> , 2019 , 45, 2789-2802	5.1	30
53	Removal of AsV by FeIII-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	2.8	20
52	Cs ⁺ removal from aqueous solutions through adsorption onto Florisil [®] impregnated with trihexyl(tetradecyl)phosphonium chloride. <i>Molecules</i> , 2013 , 18, 12845-56	4.8	19
51	Ionic liquids impregnated onto inorganic support used for thallium adsorption from aqueous solutions. <i>Separation and Purification Technology</i> , 2015 , 155, 75-82	8.3	18
50	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, 16082-101	4.8	18
49	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	2.1	17
48	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	2.4	16
47	Use of styrene-divinylbenzene grafted with aminoethylaminomethyl groups and various ionic liquids in the removal process of thallium and strontium. <i>Pure and Applied Chemistry</i> , 2014 , 86, 1741-1753 ^{3,1}	3.1	15
46	Synthesis, characterization, and adsorption behavior of aminophosphonic grafted on poly(styrene-Co-divinylbenzene) for divalent metal ions in aqueous solutions. <i>Polymer Engineering and Science</i> , 2013 , 53, 1117-1124	2.3	15
45	Synthesis, characterization of nanosized CoAl ₂ O ₄ and its electrocatalytic activity for enhanced sensing application. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 128, 1305-1312	4.1	14
44	Synthesis, characterization and rare earth elements adsorption properties of phosphonate metal organic frameworks. <i>Applied Surface Science</i> , 2019 , 481, 83-91	6.7	13
43	Adsorption behavior of cesium and strontium onto chitosan impregnated with ionic liquid. <i>Separation Science and Technology</i> , 2018 , 53, 1107-1115	2.5	11
42	Synthesis, Characterization of Nanosized ZnCr ₂ O ₄ and Its Photocatalytic Performance in the Degradation of Humic Acid from Drinking Water. <i>Catalysts</i> , 2018 , 8, 210	4	11
41	Adsorption of As(III) ions onto Iron-Containing Waste Sludge. <i>Adsorption Science and Technology</i> , 2010 , 28, 467-484	3.6	11

40	Zinc recovery from waste zinc ash - A new green route for the preparation of Zn-Al layered double hydroxide used for molybdate retention. <i>Journal of Alloys and Compounds</i> , 2019 , 787, 332-343	5.7	10
39	Use of chitosan complex with aminophosphonic groups and cobalt for the removal of Sr ²⁺ ions. <i>Separation Science and Technology</i> , 2018 , 53, 1058-1064	2.5	10
38	Heavy metal removal from waste waters by phosphonate metal organic frameworks. <i>Pure and Applied Chemistry</i> , 2018 , 90, 35-47	2.1	10
37	ZnAl ₂ (CO ₃) layered double hydroxides prepared from a waste of hot-dip galvanizing process. <i>Clean Technologies and Environmental Policy</i> , 2018 , 20, 1105-1112	4.3	9
36	Equilibrium and kinetic studies of chromium ions adsorption on Co (II)-based phosphonate metal organic frameworks. <i>Separation Science and Technology</i> , 2018 , 53, 1017-1026	2.5	9
35	Adsorption performance of the organic solid support impregnated with ionic liquid in the removal process of Tl(I) from aqueous solutions. <i>Chemical Engineering Research and Design</i> , 2017 , 108, 67-73	5.5	9
34	Characterization of Strontium Adsorption from Aqueous Solutions Using Inorganic Materials Impregnated with Ionic Liquid. <i>International Journal of Chemical Engineering and Applications (IJCEA)</i> , 326-331	0.2	9
33	New Efficient Adsorbent Materials for the Removal of Cd(II) from Aqueous Solutions. <i>Nanomaterials</i> , 2020 , 10,	5.4	8
32	Synthesis, characterizations and Pb(II) sorption properties of cobalt phosphonate materials. <i>Pure and Applied Chemistry</i> , 2016 , 88, 979-992	2.1	8
31	Thallium removal through adsorption onto ionic liquid-impregnated solid support: influence of the impregnation conditions. <i>International Journal of Environmental Science and Technology</i> , 2016 , 13, 1873-1882	3.3	7
30	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	3.6	7
29	Synthesis and thermal behavior of double copper and potassium pyrophosphate. <i>Thermochimica Acta</i> , 2009 , 488, 10-16	2.9	7
28	Nanocrystalline ferrites used as adsorbent in the treatment process of waste waters resulted from ink jet cartridges manufacturing. <i>Open Chemistry</i> , 2015 , 13,	1.6	6
27	USE OF D2EHPA-IMPREGNATED XAD7 RESIN FOR THE REMOVAL OF Cd(II) AND Zn(II) FROM AQUEOUS SOLUTIONS. <i>Environmental Engineering and Management Journal</i> , 2011 , 10, 1597-1608	0.6	6
26	Strontium adsorption on ionic liquid impregnated Florisil: Fixed-bed column studies. <i>Separation Science and Technology</i> , 2016 , 51, 2554-2564	2.5	6
25	Thermal and spectroscopic analysis of Co(II)/Fe(III) polyglyoxylate obtained through the reaction of ethylene glycol with metal nitrates. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018 , 131, 127-136	4.1	5
24	Separation of AsV from aqueous solutions using chelating polymers containing Fe(III)-loaded phosphorus groups. <i>Open Chemistry</i> , 2014 , 13,	1.6	5
23	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, 562780	2	5

22	KINETIC, EQUILIBRIUM AND THERMODYNAMIC STUDIES OF CESIUM REMOVAL FROM AQUEOUS SOLUTIONS USING AMBERJET UP1400 AND AMBERLITE IR120 RESINS. <i>Environmental Engineering and Management Journal</i> , 2013 , 12, 991-998	0.6	5
21	SILICA IMPREGNATED WITH CYPHOS IL-101 FOR Cs+ ADSORPTION. <i>Environmental Engineering and Management Journal</i> , 2014 , 13, 2005-2013	0.6	5
20	Adsorption of Orange II Onto ZnAl-Layered Double Hydroxide Prepared From Zinc Ash. <i>Frontiers in Chemistry</i> , 2020 , 8, 573535	5	5
19	The corrosion inhibitor behavior of iron in saline solution by the action of magnesium carboxyphosphate. <i>Pure and Applied Chemistry</i> , 2018 , 90, 1713-1722	2.1	5
18	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
17	Using Sewage Sludge Ash as an Efficient Adsorbent for Pb (II) and Cu (II) in Single and Binary Systems. <i>Molecules</i> , 2020 , 25,	4.8	3
16	Iron ions reclaiming from sludge resulted from hot-dip galvanizing process, as Mg ₃ Fe-layered double hydroxide used in the degradation process of organic dyes 131, 317-327		3
15	Photodegradation of Phenolic Compounds from Water in the Presence of a Pd-Containing Exhausted Adsorbent. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 8440	2.6	3
14	Modelling and automation of the process of phosphate ion removal from waste waters. <i>Brazilian Journal of Chemical Engineering</i> , 2008 , 25, 9-17	1.7	2
13	Kinetic and thermodynamic aspects of arsenic (III) adsorption onto iron oxide obtained from iron oxalate 2010 ,		2
12	The development of a new efficient adsorbent for the removal of methylene blue. <i>Separation Science and Technology</i> , 2016 , 51, 2511-2518	2.5	2
11	Aminophosphonic groups grafted onto the structure of macroporous styrene-divinylbenzene copolymer: preparation and studies on the antimicrobial effect. <i>Polymer Bulletin</i> , 2019 , 76, 4539-4557	2.4	2
10	Use of highly stable phosphonate coordination polymers as adsorbents for wastewater. <i>Applied Organometallic Chemistry</i> , 2021 , 35, e6184	3.1	2
9	Use of Ionic Liquids in Solid-Liquid Separation Processes 2017 ,		1
8	RECOVERY OF ZINC AND IRON FROM THE SLUDGE RESULTED DURING THERMAL ZINC COATING. <i>Environmental Engineering and Management Journal</i> , 2006 , 5, 1099-1108	0.6	1
7	CONTRIBUTIONS REGARDING THE COMBINED USE OF THE COAGULATION REAGENTS. <i>Environmental Engineering and Management Journal</i> , 2006 , 5, 1263-1268	0.6	1
6	COMPARATIVE STUDIES REGARDING MOLYBDATE ADSORPTION ONTO Mg _n Fe LAYERED DOUBLE HYDROXIDES OBTAINED FROM REAGENT AND WASTE SLUDGE. <i>Environmental Engineering and Management Journal</i> , 2020 , 19, 235-245	0.6	1
5	USE OF ZINC ASH FROM GALVANIZATION AS A SOURCE OF ZINC OXIDE. <i>Environmental Engineering and Management Journal</i> , 2017 , 16, 2461-2468	0.6	1

4	STRUVITE PRECIPITATION FROM SEWAGE SLUDGE ASH. <i>Environmental Engineering and Management Journal</i> , 2020 , 19, 303-310	0.6	o
3	Development of adsorbent materials based on functionalized copolymers with future applications as antibacterial agent in life quality and environmental field. <i>Reactive and Functional Polymers</i> , 2021 , 161, 104845	4.6	o
2	STUDIES ON THE EXTRACTION OF COPPER AND ZINC FROM STERILE RESULTED IN MINING OPERATIONS. <i>Environmental Engineering and Management Journal</i> , 2006 , 5, 765-770	0.6	
1	One-pot synthesis, characterization and in vitro antibacterial evaluation of bioactive Bminophosphinic acid groups grafted onto polymeric-support. <i>Polymer Bulletin</i> , 2021 , 78, 2505-2522	2.4	