Lavinia A Lupa

List of Publications by Year in Descending Order

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	Development of adsorbent materials based on functionalized copolymers with future applications as antibacterial agent in life quality and environmental field. *Reactive and Functional Polymers*, **2021**, 161, 104845	4.6	0
56	One-pot synthesis, characterization and in vitro antibacterial evaluation of bioactive aminophosphinic acid groups grafted onto polymeric-support. *Polymer Bulletin*, **2021**, 78, 2505-2522	2.4	
55	Use of highly stable phosphonate coordination polymers as adsorbents for wastewater. *Applied Organometallic Chemistry*, **2021**, 35, e6184	3.1	2
54	New Efficient Adsorbent Materials for the Removal of Cd(II) from Aqueous Solutions. *Nanomaterials*, **2020**, 10,	5.4	8
53	Using Sewage Sludge Ash as an Efficient Adsorbent for Pb (II) and Cu (II) in Single and Binary Systems. *Molecules*, **2020**, 25,	4.8	3
52	STRUVITE PRECIPITATION FROM SEWAGE SLUDGE ASH. *Environmental Engineering and Management Journal*, **2020**, 19, 303-310	0.6	0
51	Adsorption of Orange II Onto ZnAl-Layered Double Hydroxide Prepared From Zinc Ash. *Frontiers in Chemistry*, **2020**, 8, 573535	5	5
50	COMPARATIVE STUDIES REGARDING MOLYBDATE ADSORPTION ONTO MgnFe LAYERED DOUBLE HYDROXIDES OBTAINED FROM REAGENT AND WASTE SLUDGE. *Environmental Engineering and Management Journal*, **2020**, 19, 235-245	0.6	1
49	Photodegradation of Phenolic Compounds from Water in the Presence of a Pd-Containing Exhausted Adsorbent. *Applied Sciences (Switzerland)*, **2020**, 10, 8440	2.6	3
48	Synthesis, characterization and rare earth elements adsorption properties of phosphonate metal organic frameworks. *Applied Surface Science*, **2019**, 481, 83-91	6.7	13
47	Zinc recovery from waste zinc ash - A new green route for the preparation of Zn-Al layered double hydroxide used for molybdate retention. *Journal of Alloys and Compounds*, **2019**, 787, 332-343	5.7	10
46	BiFeO3-synthesis, characterization and its photocatalytic activity towards doxorubicin degradation from water. *Ceramics International*, **2019**, 45, 2789-2802	5.1	30
45	Aminophosphonic groups grafted onto the structure of macroporous styrene divinylbenzene copolymer: preparation and studies on the antimicrobial effect. *Polymer Bulletin*, **2019**, 76, 4539-4557	2.4	2
44	ZnAlCO3 layered double hydroxides prepared from a waste of hot-dip galvanizing process. *Clean Technologies and Environmental Policy*, **2018**, 20, 1105-1112	4.3	9
43	Adsorption behavior of cesium and strontium onto chitosan impregnated with ionic liquid. *Separation Science and Technology*, **2018**, 53, 1107-1115	2.5	11
42	Thermal and spectroscopic analysis of Co(II)Fe(III) polyglyoxylate obtained through the reaction of ethylene glycol with metal nitrates. *Journal of Thermal Analysis and Calorimetry*, **2018**, 131, 127-136	4.1	5
41	Use of chitosan complex with aminophosphonic groups and cobalt for the removal of Sr2+ ions. *Separation Science and Technology*, **2018**, 53, 1058-1064	2.5	10

40	Equilibrium and kinetic studies of chromium ions adsorption on Co (II)-based phosphonate metal organic frameworks. *Separation Science and Technology*, **2018**, 53, 1017-1026	2.5	9
39	Heavy metal removal from waste waters by phosphonate metal organic frameworks. *Pure and Applied Chemistry*, **2018**, 90, 35-47	2.1	10
38	Phenol adsorption using Aliquat 336 functionalized Zn-Al layered double hydroxide. *Separation and Purification Technology*, **2018**, 196, 82-95	8.3	41
37	Synthesis, Characterization of Nanosized ZnCr2O4 and Its Photocatalytic Performance in the Degradation of Humic Acid from Drinking Water. *Catalysts*, **2018**, 8, 210	4	11
36	The corrosion inhibitor behavior of iron in saline solution by the action of magnesium carboxyphosphonate. *Pure and Applied Chemistry*, **2018**, 90, 1713-1722	2.1	5
35	Synthesis, characterization of nanosized CoAl2O4 and its electrocatalytic activity for enhanced sensing application. *Journal of Thermal Analysis and Calorimetry*, **2017**, 128, 1305-1312	4.1	14
34	Use of Ionic Liquids in Solid-Liquid Separation Processes **2017**,		1
33	Adsorption performance of the organic solid support impregnated with ionic liquid in the removal process of Tl(I) from aqueous solutions. *Chemical Engineering Research and Design*, **2017**, 108, 67-73	5.5	9
32	USE OF ZINC ASH FROM GALVANIZATION AS A SOURCE OF ZINC OXIDE. *Environmental Engineering and Management Journal*, **2017**, 16, 2461-2468	0.6	1
31	Thallium removal through adsorption onto ionic liquid-impregnated solid support: influence of the impregnation conditions. *International Journal of Environmental Science and Technology*, **2016**, 13, 1873-1882	3.3	7
30	Synthesis, characterizations and Pb(II) sorption properties of cobalt phosphonate materials. *Pure and Applied Chemistry*, **2016**, 88, 979-992	2.1	8
29	Strontium adsorption on ionic liquid impregnated Florisil: Fixed-bed column studies. *Separation Science and Technology*, **2016**, 51, 2554-2564	2.5	6
28	The development of a new efficient adsorbent for the removal of methylene blue. *Separation Science and Technology*, **2016**, 51, 2511-2518	2.5	2
27	Ionic liquids impregnated onto inorganic support used for thallium adsorption from aqueous solutions. *Separation and Purification Technology*, **2015**, 155, 75-82	8.3	18
26	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, 562780	2	5
25	Remediation of Rare Earth Element Pollutants by Sorption Process Using Organic Natural Sorbents. *International Journal of Environmental Research and Public Health*, **2015**, 12, 11278-87	4.6	36
24	Nanocrystalline ferrites used as adsorbent in the treatment process of waste waters resulted from ink jet cartridges manufacturing. *Open Chemistry*, **2015**, 13,	1.6	6
23	Separation of AsV from aqueous solutions using chelating polymers containing FeIII -loaded phosphorus groups. *Open Chemistry*, **2014**, 13,	1.6	5

22	Studies regarding as(V) adsorption from underground water by Fe-XAD8-DEHPA impregnated resin. equilibrium sorption and fixed-bed column tests. *Molecules*, **2014**, 19, 16082-101	4.8	18
21	Phosphonium grafted styrene□divinylbenzene resins impregnated with iron(III) and crown ethers for arsenic removal. *Pure and Applied Chemistry*, **2014**, 86, 1729-1740	2.1	17
20	Use of styrene□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	2.1	15
19	SILICA IMPREGNATED WITH CYPHOS IL-101 FOR Cs+ ADSORPTION. *Environmental Engineering and Management Journal*, **2014**, 13, 2005-2013	0.6	5
18	Synthesis, characterization, and Ni(II) ion sorption properties of poly(styrene-co-divinylbenzene) functionalized with aminophosphonic acid groups. *Polymer Bulletin*, **2013**, 70, 277-291	2.4	16
17	Synthesis, characterization, and adsorption behavior of aminophosphinic grafted on poly(styrene-Co-divinylbenzene) for divalent metal ions in aqueous solutions. *Polymer Engineering and Science*, **2013**, 53, 1117-1124	2.3	15
16	Cs+ removal from aqueous solutions through adsorption onto Florisil□ impregnated with trihexyl(tetradecyl)phosphonium chloride. *Molecules*, **2013**, 18, 12845-56	4.8	19
15	KINETIC, EQUILIBRIUM AND THERMODYNAMIC STUDIES OF CESIUM REMOVAL FROM AQUEOUS SOLUTIONS USING AMBERJET UP1400 AND AMBERLITE IR120 RESINS. *Environmental Engineering and Management Journal*, **2013**, 12, 991-998	0.6	5
14	Adsorption studies of Cr(III) ions from aqueous solutions by DEHPA impregnated onto Amberlite XAD7 □Factorial design analysis. *Chemical Engineering Research and Design*, **2012**, 90, 1660-1670	5.5	41
13	STATISTISTICAL OPTIMIZATION OF CHROMIUM IONS ADSORPTION ON DEHPA-IMPREGNATED AMBERLITE XAD7. *Environmental Engineering and Management Journal*, **2012**, 11, 525-531	0.6	4
12	Removal of AsV by FeIII-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	2.8	20
11	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	3.6	7
10	USE OF D2EHPA-IMPREGNATED XAD7 RESIN FOR THE REMOVAL OF Cd(II) AND Zn(II) FROM AQUEOUS SOLUTIONS. *Environmental Engineering and Management Journal*, **2011**, 10, 1597-1608	0.6	6
9	Adsorption of As(III) Ions onto Iron-Containing Waste Sludge. *Adsorption Science and Technology*, **2010**, 28, 467-484	3.6	11
8	Kinetic and thermodynamic aspects of arsenic (III) adsorption onto iron oxide obtained from iron oxalate **2010**,		2
7	Synthesis and thermal behavior of double copper and potassium pyrophosphate. *Thermochimica Acta*, **2009**, 488, 10-16	2.9	7
6	Modelling and automation of the process of phosphate ion removal from waste waters. *Brazilian Journal of Chemical Engineering*, **2008**, 25, 9-17	1.7	2
5	RECOVERY OF ZINC AND IRON FROM THE SLUDGE RESULTED DURING THERMAL ZINC COATING. *Environmental Engineering and Management Journal*, **2006**, 5, 1099-1108	0.6	1

4	CONTRIBUTIONS REGARDING THE COMBINED USE OF THE COAGULATION REAGENTS. *Environmental Engineering and Management Journal*, **2006**, 5, 1263-1268	0.6	1
3	STUDIES ON THE EXTRACTION OF COPPER AND ZINC FROM STERILE RESULTED IN MINING OPERATIONS. *Environmental Engineering and Management Journal*, **2006**, 5, 765-770	0.6	
2	Iron ions reclaiming from sludge resulted from hot-dip galvanizing process, as Mg3Fe-layered double hydroxide used in the degradation process of organic dyes131, 317-327		3
1	Characterization of Strontium Adsorption from Aqueous Solutions Using Inorganic Materials Impregnated with Ionic Liquid. *International Journal of Chemical Engineering and Applications (IJCEA)*,326-331	0.2	9