

Nuria Miralles

List of Publications by Year in descending order

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43
papers

2,204
citations

257450

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docs citations

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times ranked

1892
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of copper and nickel ions from aqueous solutions by grape stalks wastes. <i>Water Research</i> , 2004, 38, 992-1002.	11.3	394
2	Sorption of Pb(II), Ni(II), Cu(II) and Cd(II) from aqueous solution by olive stone waste. <i>Separation and Purification Technology</i> , 2006, 50, 132-140.	7.9	384
3	Removal of lead(II) and cadmium(II) from aqueous solutions using grape stalk waste. <i>Journal of Hazardous Materials</i> , 2006, 133, 203-211.	12.4	280
4	Heavy metal uptake from aqueous solution by cork and yohimbe bark wastes. <i>Journal of Chemical Technology and Biotechnology</i> , 2000, 75, 812-816.	3.2	83
5	Modelling of mass transfer in facilitated supported liquid membrane transport of gold(III) using phospholene derivatives as carriers. <i>Journal of Membrane Science</i> , 1998, 139, 57-65.	8.2	62
6	Biosorption of Cr(VI) using low cost sorbents. <i>Environmental Chemistry Letters</i> , 2003, 1, 135-139.	16.2	60
7	Application of two sites non-equilibrium sorption model for the removal of Cu(II) onto grape stalk wastes in a fixed-bed column. <i>Chemical Engineering Journal</i> , 2010, 156, 298-304.	12.7	57
8	Heavy metal uptake from aqueous solution by cork and yohimbe bark wastes. <i>Journal of Chemical Technology and Biotechnology</i> , 2000, 75, 812-816.	3.2	56
9	Solvent impregnated resins containing Cyanex 272. Preparation and application to the extraction and separation of divalent metals. <i>Reactive & Functional Polymers</i> , 1992, 18, 67-75.	0.8	52
10	Cadmium and Lead Removal from Aqueous Solution by Grape Stalk Wastes: Modeling of a Fixed-Bed Column. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 3548-3554.	1.9	51
11	SOLVENT IMPREGNATED RESINS CONTAINING DI(2-ETHYL-HEXYL)PHOSPHORIC ACID.II. STUDY OF THE DISTRIBUTION EQUILIBRIA OF Zn(II), Cu(II) AND Cd(II).. <i>Solvent Extraction and Ion Exchange</i> , 1994, 12, 371-391.	2.0	49
12	Solid-liquid extraction studies of Zn(II), Cu(II) and Cd(II) from chloride media with impregnated resins containing mixtures of organophosphorus compounds immobilized on to Amberlite XAD2. <i>Hydrometallurgy</i> , 1995, 37, 301-322.	4.3	45
13	Distribution studies of Zn(II), Cu(II) and Cd(II) with Levextrel resins containing di(2,4,4-trimethylpentyl)phosphonic acid (Lewatit TP807'84). <i>Hydrometallurgy</i> , 1996, 40, 195-206.	4.3	45
14	Gold(III) extraction equilibrium in the system Cyanex 923-HCl ₃ -Au(III). <i>Hydrometallurgy</i> , 1996, 40, 77-88.	4.3	45
15	Solvent-impregnated resins containing di-(2,4,4-trimethylpentyl) phosphinic acid II. Study of the distribution equilibria of Zn(II), Cu(II) and Cd(II). <i>Reactive & Functional Polymers</i> , 1993, 21, 103-116.	0.8	42
16	Extraction studies of Zn(II), Cu(II) and Cd(II) with impregnated and Levextrel resins containing di(2-ethylhexyl) phosphoric acid (Lewatit 1026 Oc). <i>Hydrometallurgy</i> , 1994, 36, 131-142.	4.3	41
17	EXTRACTION OF DIVALENT METALS WITH BIS(2,4,4 TRIMETHYLPENTY) PHOSPHINIC ACID. <i>Solvent Extraction and Ion Exchange</i> , 1990, 8, 597-614.	2.0	40
18	Solvent-impregnated resins containing di-(2,4,4-trimethylpentyl) phosphonic acid I. Comparative study of di-(2,4,4-trimethylpentyl)phosphonic acid adsorbed into Amberlite XAD-2 and dissolved in toluene. <i>Reactive & Functional Polymers</i> , 1993, 21, 89-101.	0.8	39

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19	SOLVENT IMPREGNATED RESINS CONTAINING DI-(2-ETHYLHEXYL) PHOSPHORIC ACID. I. PREPARATION AND STUDY OF THE RETENTION AND DISTRIBUTION OF THE EXTRACTANT ON THE RESIN.. Solvent Extraction and Ion Exchange, 1994, 12, 349-369.	2.0	38
20	Modelling of the Ni(II) removal from aqueous solutions onto grape stalk wastes in fixed-bed column. Journal of Hazardous Materials, 2010, 174, 144-150.	12.4	32
21	SOLVENT EXTRACTION OF ZINC(II) BY ORGANOPHOSPHORUS ACIDS COMPOUNDS FROM PERCHLORATE SOLUTIONS.. Solvent Extraction and Ion Exchange, 1992, 10, 51-68.	2.0	31
22	Solid-liquid distribution studies of divalent metals from nitrate media using impregnated resins containing a bifunctional organophosphorous extractant (O-methyl-dihexyl-phosphine-oxide) Tj ETQq0 0 0 rgBT /Overlock 1028 50 617		
23	Extraction of cadmium(II) by organophosphorus compounds. Polyhedron, 1986, 5, 2039-2045.	2.2	26
24	Solvent extraction of iron (III) by bis (2,4,4-trimethylpentyl) phosphinic acid: experimental equilibrium study. Hydrometallurgy, 1992, 31, 1-12.	4.3	26
25	EXTRACTION OF GOLD(III) FROM HYDROCHLORIC ACID SOLUTIONS BY Tri-n-DODECYLAMMONIUM CHLORIDE IN TOLUENE. ESTIMATION OF THE INTERACTION COEFFICIENT BETWEEN AuCl ₄ and H ⁺ .. Solvent Extraction and Ion Exchange, 1993, 11, 613-626.	2.0	24
26	Grape Stalks Waste as Low Cost Biosorbents: An Alternative for Metal Removal from Aqueous Solutions. Solvent Extraction and Ion Exchange, 2008, 26, 261-270.	2.0	23
27	Trace Metal Content of Sediments Close to Mine Sites in the Andean Region. Scientific World Journal, The, 2012, 2012, 1-12.	2.1	19
28	Comparative study of mono(n-octyl)phosphinic and di(n-octyl)phosphinic acids as metal extractants. Hydrometallurgy, 1993, 33, 95-106.	4.3	16
29	The Aggregation of Organophosphorus Acid Compounds in Toluene. Analytical Sciences, 1992, 8, 773-777.	1.6	14
30	Impacts on effluent contaminants from mine sites: risk assessment, fate, and distribution of pollution at basin scale. Environmental Science and Pollution Research, 2014, 21, 5960-5971.	5.3	13
31	METAL COMPLEXES WITH PHOSPHONIC AND PHOSPHINIC ACIDS. Reviews in Inorganic Chemistry, 1989, 10, .	4.1	12
32	Spatial and temporal trace metal distribution of a Peruvian basin: recognizing trace metal sources and assessing the potential risk. Environmental Monitoring and Assessment, 2013, 185, 7961-7978.	2.7	12
33	Determination of the Equilibrium Constants of Alkylphosphinic Acids by Inductively Coupled Plasma-Atomic Emission Spectrometry. Analytical Sciences, 1992, 8, 613-617.	1.6	10
34	CPLET computer program for evaluation of colligative property equilibrium data. Computers & Chemistry, 1992, 16, 319-323.	1.2	10
35	Dissociation constants of organophosphinic acid compounds. Talanta, 1993, 40, 1339-1343.	5.5	10
36	Extraction of cadmium(II) by mixtures of organophosphorus compounds. Polyhedron, 1989, 8, 2535-2541.	2.2	9

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37	Solvent extraction of alkylphosphoric acid derivatives between water and immiscible organic solvents. <i>Analytica Chimica Acta</i> , 1997, 350, 197-202.	5.4	6
38	Comparative study of the distribution equilibria of Zn(II) in chloride medium by organophosphoric,-phosphonic and -phosphinic acids. <i>Monatshefte für Chemie</i> , 1993, 124, 987-994.	1.8	5
39	On the interaction of metal extractant reagents. Investigation of the aggregation of di(2,4,4-trimethylpentyl)phosphinic acid and di(n-octyl)phosphinic acid in toluene by vapour-pressure osmometry. <i>Monatshefte für Chemie</i> , 1995, 126, 401-409.	1.8	5
40	Spectrophotometric study of complexation equilibria between HCrO_4^- and Cl^- ions. <i>Polyhedron</i> , 1987, 6, 2145-2149.	2.2	4
41	SYNTHESIS OF SODIUM MONO(2,4,4'-TRIMETHYLPENTYL) PHOSPHINATE. OPTIMIZATION, PURIFICATION, AND SURFACTANT PROPERTIES.. <i>Journal of Dispersion Science and Technology</i> , 1995, 16, 221-232.	2.4	3
42	Experimental Study of Mobility and Kinetic Characterization of Trace Elements in Contaminated Sediments from a River Basin in Northern Peru. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 828-844.	3.4	2
43	Low Cost Materials for Metal Uptake from Aqueous Solutions. , 2005, , 251-258.		1