

Josefina de Gyves

List of Publications by Year in descending order

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papers

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33
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Ion Separations by Supported Liquid Membranes. <i>Industrial & Engineering Chemistry Research</i> , 1999, 38, 2182-2202.	3.7	233
2	Arsenic(V) Removal with Polymer Inclusion Membranes from Sulfuric Acid Media Using DBBP as Carrier. <i>Environmental Science & Technology</i> , 2004, 38, 886-891.	10.0	61
3	Structural effects on metal ion migration across polymer inclusion membranes: Dependence of transport profiles on nature of active plasticizer. <i>Journal of Membrane Science</i> , 2008, 307, 105-116.	8.2	55
4	LIX®-loaded polymer inclusion membrane for copper(II) transport. <i>Journal of Membrane Science</i> , 2006, 268, 142-149.	8.2	54
5	Design, synthesis and evaluation of diazadibenzocrown ethers as Pb ²⁺ extractants and carriers in plasticized cellulose triacetate membranes. <i>Talanta</i> , 2001, 54, 1195-1204.	5.5	37
6	Cr(VI) transport via a supported ionic liquid membrane containing CYPHOS IL101 as carrier: System analysis and optimization through experimental design strategies. <i>Journal of Hazardous Materials</i> , 2014, 273, 253-262.	12.4	34
7	Structural effects on metal ion migration across polymer inclusion membranes: Dependence of membrane properties and transport profiles on the weight and volume fractions of the components. <i>Journal of Membrane Science</i> , 2011, 379, 416-425.	8.2	30
8	Gold(III) Transport through Polymer Inclusion Membranes: Efficiency Factors and Pertraction Mechanism Using Kelex 100 as Carrier. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 2861-2869.	3.7	25
9	Mercury(II) removal using polymer inclusion membranes containing Cyanex 471X. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1323-1330.	3.2	23
10	Optimization, evaluation, and characterization of a hollow fiber supported liquid membrane for sampling and speciation of lead(II) from aqueous solutions. <i>Journal of Membrane Science</i> , 2010, 363, 180-187.	8.2	23
11	Novel proton-conducting polymer inclusion membranes. <i>Journal of Membrane Science</i> , 2009, 326, 382-387.	8.2	21
12	An SLM System for the Extraction of In(III) from Concentrated HCl Media Using ADOGEN 364 as Carrier. <i>Journal of Chemical Technology and Biotechnology</i> , 1996, 66, 56-64.	3.2	17
13	Cellulose recovery from <i>Quercus</i> sp. sawdust using Ethanosolv pretreatment. <i>Biomass and Bioenergy</i> , 2018, 111, 114-124.	5.7	16
14	Metal nanoparticle-carbon nanotubes hybrid catalysts immobilized in a polymeric membrane for the reduction of 4-nitrophenol. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	16
15	Novel semi-interpenetrating polymer network hybrid membranes for proton conduction. <i>Journal of Membrane Science</i> , 2009, 344, 92-100.	8.2	15
16	Arsenic(V) Extraction from Sulfuric Acid Media Using DBBP-D2EHPA Organic Mixtures. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 574-581.	3.7	14
17	Hollow-fiber dispersion-free extraction and stripping of Pb(II) in the presence of Cd(II) using D2EHPA under recirculating operation mode. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 961-973.	3.2	12
18	Simultaneous Au ^{III} Extraction and In Situ Formation of Polymeric Membrane-Supported Au Nanoparticles: A Sustainable Process with Application in Catalysis. <i>ChemSusChem</i> , 2017, 10, 1482-1493.	6.8	10

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19	Influence of some physicochemical parameters on the passive sampling of copper (II) from aqueous medium using a polymer inclusion membrane device. <i>Environmental Pollution</i> , 2020, 258, 113474.	7.5	8
20	Response Surface Methodology Approach Applied to the Study of Arsenic (V) Migration by Facilitated Transport in Polymer Inclusion Membranes. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	8
21	Selective Palladium(II) Recovery Using a Polymer Inclusion Membrane with Tris(2-ethylhexyl) Phosphate (TEHP). <i>Experimental and Theoretical Study. Industrial & Engineering Chemistry Research</i> , 2021, 60, 3385-3396.	3.7	8
22	Structural Characterization of the Plasticizers's Role in Polymer Inclusion Membranes Used for Indium (III) Transport Containing IONQUEST® 801 as Carrier. <i>Membranes</i> , 2021, 11, 401.	3.0	8
23	Polymer inclusion membranes composed of long alkyl chain alcohols for clean gold (<sc>III</sc>) recovery. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 825-834.	3.2	7
24	Evaluation of the measurement of Cu(II) bioavailability in complex aqueous media using a hollow-fiber supported liquid membrane device (HFSLM) and two microalgae species (<i>Pseudokirchneriella</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537		
25	Hybrids based on borate-functionalized cellulose nanofibers and noble-metal nanoparticles as sustainable catalysts for environmental applications. <i>RSC Advances</i> , 2020, 10, 12460-12468.	3.6	7
26	Comparative study of As (V) uptake in aqueous medium by a polymer inclusion membrane-based passive sampling device and two filamentous fungi (<i>Aspergillus niger</i> and <i>Rhizopus</i> sp.). <i>Chemosphere</i> , 2021, 272, 129920.	8.2	6
27	Structural characterization of a lariat ether based on 4,10-diaza-2,3,11,12-dibenzo-18-crown-6 and of a coordination Pb(II) complex using picrate as co-ligand. <i>Journal of Chemical Crystallography</i> , 2006, 36, 473-479.	1.1	5
28	Evaluation of a hollow fiber supported liquid membrane device as a chemical surrogate for the measurements of zinc (II) bioavailability using two microalgae strains as biological references. <i>Chemosphere</i> , 2017, 171, 435-445.	8.2	5
29	Nickel (II) Preconcentration and Speciation Analysis During Transport from Aqueous Solutions Using a Hollow-fiber Permeation Liquid Membrane (HFPLM) Device. <i>Membranes</i> , 2011, 1, 217-231.	3.0	4
30	Semi-interpenetrating hybrid membranes containing ADOGEN® 364 for Cd(II) transport from HCl media. <i>Journal of Hazardous Materials</i> , 2014, 280, 603-611.	12.4	4
31	Crosslinking effects on hybrid organic-inorganic proton conducting membranes based on sulfonated polystyrene and polysiloxane. <i>Polymers for Advanced Technologies</i> , 2016, 27, 404-413.	3.2	4
32	Synthesis and characterization of hybrid membranes based on sulfonated poly(ether ether ketone) (SPEEK) and polysiloxane. <i>Desalination and Water Treatment</i> , 0, , 1-7.	1.0	0
33	Organic-inorganic (polysiloxane) crosslinked sulphonated poly(ether ether ketone ketone) hybrid membranes for direct methanol fuel cells. <i>Solid State Ionics</i> , 2021, 363, 115596.	2.7	0