

Eduardo Rodriguez de San Miguel

List of Publications by Year in descending order

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papers

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of Cr(III) transport in a polymer inclusion membrane system through experimental design strategies. <i>Chemical Papers</i> , 2022, 76, 2235-2247.	2.2	2
2	Polymer Inclusion Membranes. <i>Membranes</i> , 2022, 12, 226.	3.0	0
3	A Longitudinal ¹ H NMR-Based Metabolic Profile Analysis of Urine from Hospitalized Premature Newborns Receiving Enteral and Parenteral Nutrition. <i>Metabolites</i> , 2022, 12, 255.	2.9	4
4	Selective Palladium(II) Recovery Using a Polymer Inclusion Membrane with Tris(2-ethylhexyl) Phosphate (TEHP). Experimental and Theoretical Study. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 3385-3396.	3.7	8
5	Optimization of Ni (II) Facilitated Transport from Aqueous Solutions Using a Polymer Inclusion Membrane.. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	9
6	Integration of Response Surface Methodology (RSM) and Principal Component Analysis (PCA) as an Optimization Tool for Polymer Inclusion Membrane Based-Optodes Designed for Hg(II), Cd(II), and Pb(II). <i>Membranes</i> , 2021, 11, 288.	3.0	7
7	NMR-based metabolomics of human cerebrospinal fluid identifies signature of brain death. <i>Metabolomics</i> , 2021, 17, 40.	3.0	0
8	¹ H NMR profiling and chemometric analysis as an approach to predict the leishmanicidal activity of dichloromethane extracts from <i>Lantana camara</i> (L.). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114060.	2.8	2
9	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
10	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
11	Conditional Equilibrium Constants Reviewed. <i>Critical Reviews in Analytical Chemistry</i> , 2021, , 1-23.	3.5	0
12	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
13	Determination of Cadmium (II) in Aqueous Solutions by In Situ MID-FTIR-PLS Analysis Using a Polymer Inclusion Membrane-Based Sensor: First Considerations. <i>Molecules</i> , 2020, 25, 3436.	3.8	12
14	Selective lithium extraction and concentration from diluted alkaline aqueous media by a polymer inclusion membrane and application to seawater. <i>Desalination</i> , 2020, 487, 114500.	8.2	31
15	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
16	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
17	¹ H-NMR-based metabolomic of plant cell suspension cultures of <i>Thevetia peruviana</i> treated with salicylic acid and methyl jasmonate. <i>Industrial Crops and Products</i> , 2019, 135, 217-229.	5.2	11
18	Validation of a UPLC-PDA method to study the content and stability of 5-chloro 8-hydroxyquinoline and 5,7-dichloro 8-hydroxyquinoline in medicated feed used in swine farming. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 113-118.	2.8	1

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19	Cellulose recovery from <i>Quercus</i> sp. sawdust using Ethanosolv pretreatment. <i>Biomass and Bioenergy</i> , 2018, 111, 114-124.	5.7	16
20	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
21	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
22	Prediction of Antimicrobial and Antioxidant Activities of Mexican Propolis by 1H-NMR Spectroscopy and Chemometrics Data Analysis. <i>Molecules</i> , 2017, 22, 1184.	3.8	10
23	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
24	On the control of interferences in the potentiometric fluoride analysis of table salt samples. <i>Journal of Food Composition and Analysis</i> , 2016, 47, 60-68.	3.9	2
25	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>) <i>Tj ETQq1 1 0.784314.rgBT /Overlock 10 T</i>		
26	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
27	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
28	Mercury determination in sediments by CVAAS after on line preconcentration by solid phase extraction with a sol-gel sorbent containing CYANEX 471X [®] . <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 1062-1076.	3.3	14
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	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
31	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
32	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
33	Novel proton-conducting polymer inclusion membranes. <i>Journal of Membrane Science</i> , 2009, 326, 382-387.	8.2	21
34	Novel semi-interpenetrating polymer network hybrid membranes for proton conduction. <i>Journal of Membrane Science</i> , 2009, 344, 92-100.	8.2	15
35	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
36	Application of an organic-inorganic hybrid membrane for selective gold(III) permeation. <i>Journal of Membrane Science</i> , 2008, 307, 1-9.	8.2	10

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37	Multivariate Analysis of Selected Metal Ion Transport through a Hollow Fiber Supported Liquid Membrane Device used for Passive Sampling Monitoring. Solvent Extraction and Ion Exchange, 2008, 26, 602-623.	2.0	8
38	Gold(III) Transport through Polymer Inclusion Membranes: Efficiency Factors and Pertraction Mechanism Using Kelex 100 as Carrier. Industrial & Engineering Chemistry Research, 2007, 46, 2861-2869.	3.7	25
39	LIX [®] -loaded polymer inclusion membrane for copper(II) transport. Journal of Membrane Science, 2006, 268, 142-149.	8.2	54
40	catena-Poly[bromo(1-thiocaprolactam-1S)gold(I)](Au ⁺ Au). Acta Crystallographica Section C: Crystal Structure Communications, 2004, 60, m414-m417.	0.4	3
41	Hollow-fiber dispersion-free extraction and stripping of Pb(II) in the presence of Cd(II) using D2EHPA under recirculating operation mode. Journal of Chemical Technology and Biotechnology, 2004, 79, 961-973.	3.2	12
42	Arsenic(V) Removal with Polymer Inclusion Membranes from Sulfuric Acid Media Using DBBP as Carrier. Environmental Science & Technology, 2004, 38, 886-891.	10.0	61
43	Metal Ion Separations by Supported Liquid Membranes. Industrial & Engineering Chemistry Research, 1999, 38, 2182-2202.	3.7	233
44	An SLM System for the Extraction of In(III) from Concentrated HCl Media Using ADOGEN 364 as Carrier. Journal of Chemical Technology and Biotechnology, 1996, 66, 56-64.	3.2	17
45	Synthesis and characterization of hybrid membranes based on sulfonated poly(ether ether ketone) (SPEEK) and polysiloxane. Desalination and Water Treatment, 0, , 1-7.	1.0	0