Francisco J Alguacil

List of Publications by Year
in descending order

180	4,461	147566 31	149479 56
papers	citations	h-index	g-index

199	199	199	3738
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Environmental impact and management of phosphogypsum. Journal of Environmental Management, 2009, 90, 2377-2386.	3.8	590
2	A kinetic study on the thermal behaviour of chitosan. Journal of Thermal Analysis and Calorimetry, 2008, 91, 633-639.	2.0	142
3	Adsorption of antimony and arsenic from a copper electrorefining solution onto activated carbon. Hydrometallurgy, 2002, 66, 101-105.	1.8	136
4	Recycling of an electric arc furnace flue dust to obtain high grade ZnO. Journal of Hazardous Materials, 2007, 141, 33-36.	6.5	114
5	Recovery of carbon fibres by the thermolysis and gasification of waste prepreg. Journal of Analytical and Applied Pyrolysis, 2013, 104, 675-683.	2.6	105
6	The extraction of mineral acids by the phosphine oxide Cyanex 923. Hydrometallurgy, 1996, 42, 245-255.	1.8	93
7	Thermolysis of fibreglass polyester composite and reutilisation of the glass fibre residue to obtain a glassâ€“ceramic material. Journal of Analytical and Applied Pyrolysis, 2012, 93, 104-112.	2.6	89
8	Processing of residual gold (III) solutions via ion exchange. Gold Bulletin, 2005, 38, 9-13.	3.2	79
9	Transport of chromium (VI) through a Cyanex 923â€“xylene flat-sheet supported liquid membrane. Hydrometallurgy, 2000, 57, 51-56.	1.8	77
10	Distillation of granulated scrap tires in a pilot plant. Journal of Hazardous Materials, 2011, 190, 285-292.	6.5	74
11	Removal of copper ions from aqueous solutions by a steel-making by-product. Water Research, 2003, 37, 3883-3890.	5.3	70
12	Chromium (III) recovery from waste acid solution by ion exchange processing using Amberlite IR-120 resin: batch and continuous ion exchange modelling. Chemosphere, 2004, 57, 789-793.	4.2	69
13	Supported liquid membranes technologies in metals removal from liquid effluents. Revista De Metalurgia, 2011, 47, 146-168.	0.1	64
14	Textural and fuel characteristics of the chars produced by the pyrolysis of waste wood, and the properties of activated carbons prepared from them. Journal of Analytical and Applied Pyrolysis, 2013, 104, 551-558.	2.6	63
15	Comparative study on the selective chalcopyrite bioleaching of a molybdenite concentrate with mesophilic and thermophilic bacteria. FEMS Microbiology Letters, 2001, 196, 71-75.	0.7	52
16	Kinetic modelling of the facilitated transport of cadmium (II) using Cyanex 923 as ionophore. Chemical Engineering Journal, 2006, 118, 213-219.	6.6	51
17	Sorption of indium (III) onto carbon nanotubes. Ecotoxicology and Environmental Safety, 2016, 130, 81-86.	2.9	51
18	Copper separation from nitrate/nitric acid media using Acorga M5640 extractant Part I: solvent extraction study. Chemical Engineering Journal, 2002, 85, 259-263.	6.6	49

#	Article	IF	Citations
19	Separation of zinc(II) from cobalt(II) solutions using supported liquid membrane with DP-8R (di(2-ethylhexyl) phosphoric acid) as a carrier. Separation and Purification Technology, 2005, 41, 179-184.	3.9	48
20	A hazardous waste from secondary aluminium metallurgy as a new raw material for calcium aluminate glasses. Journal of Hazardous Materials, 2009, 165, 180-186.	6.5	48
21	Pseudo-Emulsion Membrane Strip Dispersion (PEMSD) Pertraction of Chromium(VI) Using CYPHOS IL101 Ionic Liquid as Carrier. Environmental Science & Technology, 2010, 44, 7504-7508.	4.6	48
22	On the use of zinc for gold cementation from ammoniacalâ€“thiosulphate solutions. Minerals Engineering, 2004, 17, 825-831.	1.8	42
23	Transport of Au(CN)2â¯ across a supported liquid membrane using mixtures of amine Primene JMT and phosphine oxide Cyanex 923. Hydrometallurgy, 2004, 74, 157-163.	1.8	41
24	Application of pseudo-emulsion based hollow fiber strip dispersion (PEHFSD) for recovery of Cr(III) from alkaline solutions. Separation and Purification Technology, 2009, 66, 586-590.	3.9	41
25	The phosphine oxides Cyanex 921 and Cyanex 923 as carriers for facilitated transport of chromium (VI)-chloride aqueous solutions. Chemosphere, 2004, 57, 813-819.	4.2	40
26	Uphill permeation of Cr(VI) using Hostarex A327 as ionophore by membrane-solvent extraction processing. Chemosphere, 2008, 72, 684-689.	4.2	39
27	Removal of Pb2+ in Wastewater via Adsorption onto an Activated Carbon Produced from Winemaking Waste. Metals, 2018, 8, 697.	1.0	39
28	Chromium(VI) Removal through Facilitated Transport Using CYANEX 923 as Carrier and Reducing Stripping with Hydrazine Sulfate. Environmental Science & Technology, 2003, 37, 1043-1047.	4.6	38
29	Permeation of cadmium through a supported liquid membrane impregnated with CYANEX 923. Hydrometallurgy, 2001, 61, 137-142.	1.8	35
30	Multiple charging of ultrafine particles in a corona charger. Journal of Aerosol Science, 2006, 37, 875-884.	1.8	35
31	Speciation of chromium in steelmaking solid wastes by selective retention on ion-exchange media and determination by isotope dilution inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2000, 15, 1564-1568.	1.6	33
32	Co-extraction and selective stripping of copper (II) and molybdenum (VI) using LIX 622. Chemical Engineering Journal, 2001, 81, 109-112.	6.6	33
33	Transport of chromium(VI) through a Cyanex 921-supported liquid membrane from HCl solutions. Journal of Chemical Technology and Biotechnology, 2003, 78, 1048-1053.	1.6	32
34	Gasification of the char derived from distillation of granulated scrap tyres. Waste Management, 2012, 32, 743-752.	3.7	32
35	Recent trends in metals extraction. Revista De Metalurgia, 2013, 49, 292-316.	0.1	32
36	Solvent extraction of gold by LIX 79: experimental equilibrium study. , 1999, 74, 310-314.		31

#	Article	IF	Citations
37	Recovery of copper from ammoniacal/ammonium sulfate medium by LIX 54. Journal of Chemical Technology and Biotechnology, 1999, 74, 1171-1175.	1.6	31
38	Carbon Nanofibers: A New Adsorbent for Copper Removal from Wastewater. Metals, 2018, 8, 914.	1.0	30
39	Separation of cobalt and nickel from acidic sulfate solutions using mixtures of di(2-ethylhexyl)phosphoric acid(DP-8R) and hydroxyoxime(ACORGA M5640). Journal of Chemical Technology and Biotechnology, 2004, 79, 455-460.	1.6	29
40	The removal of chromium (III) from aqueous solution by ion exchange on Amberlite 200 resin: batch and continuous ion exchange modelling. Desalination and Water Treatment, 2012, 45, 55-60.	1.0	29
41	Recovery of niobium and tantalum by solvent extraction from Snâ€“Taâ€“Nb mining tailings. RSC Advances, 2020, 10, 21406-21412.	1.7	29
42	Formation of metacinnabar by milling of liquid mercury and elemental sulfur for long term mercury storage. Science of the Total Environment, 2010, 408, 4341-4345.	3.9	28
43	Facilitated transport of vanadium (V) by supported liquid membranes. Hydrometallurgy, 2005, 80, 196-202.	1.8	27
44	The recycling of end-of-life tyres. Technological review. Revista De Metalurgia, 2011, 47, 273-284.	0.1	27
45	Iron(III) transport using a supported liquid membrane containing Cyanex 921. Hydrometallurgy, 2000, 58, 81-88.	1.8	26
46	Phosphine oxide mediate transport: modelling of mass transfer in supported liquid membrane transport of gold (III) using Cyanex 923. Chemical Engineering Science, 2001, 56, 3115-3122.	1.9	26
47	Microencapsulation of phosphogypsum into a sulfur polymer matrix: Physico-chemical and radiological characterization. Journal of Hazardous Materials, 2011, 192, 234-45.	6.5	26
48	Recycling of copper flue dust via leaching-solvent extraction processing. Desalination and Water Treatment, 2015, 56, 1202-1207.	1.0	26
49	Solvent extraction of Zn(II) by Cyanex 923 and its application to a solid-supported liquid membrane system. Journal of Chemical Technology and Biotechnology, 2001, 76, 298-302.	1.6	25
50	Facilitated transport and separation of manganese and cobalt by a supported liquid membrane using DP-8R as a mobile carrier. Hydrometallurgy, 2002, 65, 9-14.	1.8	25
51	Dispersion-Free Solvent Extraction of Cr(VI) from Acidic Solutions Using Hollow Fiber Contactor. Environmental Science & Technology, 2009, 43, 7718-7722.	4.6	25
52	Cobalt(II) membrane-extraction by DP-8R/Exxsol D100 using pseudo-emulsion based hollow fiber strip dispersion (PEHFSD) processing. Separation and Purification Technology, 2011, 80, 467-472.	3.9	25
53	Recycling of Glass Fibers from Fiberglass Polyester Waste Composite for the Manufacture of Glass-Ceramic Materials. Journal of Environmental Protection, 2012, 03, 740-747.	0.3	25
54	Towards a more environmentally friendly process for gold: models on gold adsorption onto activated carbon from ammoniacal thiosulfate solutions. Desalination, 2007, 211, 58-63.	4.0	24

#	Article	IF	Citations
55	Valorisation of waste ilmenite mud in the manufacture of sulphur polymer cement. Journal of Environmental Management, 2013, 128, 625-630.	3.8	24
56	Mercury leaching from hazardous industrial wastes stabilized by sulfur polymer encapsulation. Waste Management, 2015, 35, 301-306.	3.7	24
57	Dysprosium Removal from Water Using Active Carbons Obtained from Spent Coffee Ground. Nanomaterials, 2019, 9, 1372.	1.9	23
58	Use of boric acid to improve the microwave-assisted dissolution process to determine fluoride forming elements in steels by flow injection inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 1998, 13, 1193-1197.	1.6	22
59	Solvent extraction with LIX 973N for the selective separation of copper and nickel. Journal of Chemical Technology and Biotechnology, 1999, 74, 467-471.	1.6	22
60	Description of Transport Mechanism during the Elimination of Copper(II) from Wastewaters Using Supported Liquid Membranes and Acorga M5640 as Carrier. Environmental Science & Technology, 2005, 39, 2389-2393.	4.6	22
61	Organic Dyes versus Adsorption Processing. Molecules, 2021, 26, 5440.	1.7	22
62	The removal of toxic metals from liquid effluents by ion exchange resins. Part lll:Copper(ll)/Sulphate/Amberlite 200. Revista De Metalurgia, 2003, 39, 205-209.	0.1	22
63	Reactivity of a molybdenite concentrate against chemical or bacterial attack. Minerals Engineering, 2001, 14, 987-996.	1.8	21
64	Rinse water regeneration in stainless steel pickling. Desalination, 2007, 211, 64-71.	4.0	21
65	Liquid membranes and the treatment of metal-bearing wastewaters. Revista De Metalurgia, 2002, 38, 45-55.	0.1	21
66	Extraction of gold from cyanide or chloride media by Cyanex 923. Journal of Chemical Technology and Biotechnology, 1998, 72, 339-346.	1.6	20
67	Kinetic study of the thermal decomposition of low-grade nickeliferous laterite ores. Journal of Thermal Analysis and Calorimetry, 2008, 94, 517-522.	2.0	20
68	Extraction of zinc from ammoniacal/ammonium sulphate solutions by LIX 54. Journal of Chemical Technology and Biotechnology, 1998, 71, 162-166.	1.6	19
69	Cobalt-manganese separation: the extraction of cobalt(II) from manganese sulphate solutions by cyanex 301. Journal of Chemical Technology and Biotechnology, 1998, 73, 211-216.	1.6	19
70	Extraction of molybdenum(VI) from sulfate solutions by LIX 622. Journal of Chemical Technology and Biotechnology, 2000, 75, 54-58.	1.6	19
71	Adsorption of heavy metals from aqueous solutions with by-products of the steelmaking industry. Journal of Chemical Technology and Biotechnology, 2005, 80, 1223-1229.	1.6	19
72	Non-dispersive solvent extraction with strip dispersion (NDSXSD) pertraction of Cd(II) in HCl medium using ionic liquid CYPHOS IL101. Chemical Engineering Journal, 2011, 175, 228-232.	6.6	19

#	Article	IF	Citations
73	Solvent extraction of indium(III) from HCl solutions by the ionic liquid (A324H+)(Clâ^') dissolved in Solvesso 100. Hydrometallurgy, 2019, 189, 105104.	1.8	19
74	Thermal dehydration kinetics of phosphogypsum. Materiales De Construccion, 2015, 65, e061.	0.2	19
75	A micro-scale mercury cathode electrolysis procedure for on-line flow injection inductively coupled plasma mass spectrometry trace elements analysis in steel samples. Analytica Chimica Acta, 1999, 389, 247-255.	2.6	18
76	Carrier-facilitated transport of Cd(II) from a high-salinity chloride medium across a supported liquid membrane containing Cyanex 923 in Solvesso 100. Desalination, 2005, 180, 181-187.	4.0	18
77	The GRAUTHERMIC-Tyres process for the recycling of granulated scrap tyres. Journal of Analytical and Applied Pyrolysis, 2013, 103, 207-215.	2.6	18
78	Nickel(II) removal by mixtures of Acorga M5640 and DP8R in pseudo-emulsion based hollow fiber with strip dispersion technology. Chemosphere, 2010, 81, 1164-1169.	4.2	17
79	The removal of toxic metals from liquid effluents by ion exchange resins. Part I: Chromium(VI)/Sulphate/Dowex 1x8. Revista De Metalurgia, 2002, 38, 306-311.	0.1	17
80	Removal of Arsenic from Copper Electrolytes by Solvent Extraction with Tributylphosphate. Canadian Metallurgical Quarterly, 1996, 35, 133-141.	0.4	16
81	Study by DTA/TG of the formation of calcium aluminate obtained from an aluminium hazardous waste. Journal of Thermal Analysis and Calorimetry, 2010, 99, 999-1004.	2.0	16
82	Active transport of cobalt (II) through a supported liquid membrane using the mixture DP8R and Acorga M5640 as extractant. Desalination, 2011, 281, 221-225.	4.0	16
83	Effect of recycled glass fiber on the corrosion behavior of reinforced mortar. Construction and Building Materials, 2014, 64, 261-269.	3.2	16
84	Adsorption of Gold(I) and Gold(III) Using Multiwalled Carbon Nanotubes. Applied Sciences (Switzerland), 2018, 8, 2264.	1.3	16
85	The removal of toxic metals from liquid effluents by ion exchange resins. Part II: cadmium(II)/ sulphate/Lewatit TP260. Revista De Metalurgia, 2002, 38, 348-352.	0.1	16
86	Separation of Copper and Nickel from Ammoniacal/Ammonium Carbonate Solutions Using ACORGA PT5050. Separation Science and Technology, 1998, 33, 2257-2264.	1.3	15
87	Solvent Extraction of Au(III) by the Chloride Salt of the Amine Alamine 304 and Its Application to a Solid Supported Liquid Membrane System. Solvent Extraction and Ion Exchange, 2003, 21, 841-852.	0.8	15
88	The phosphine oxides Cyanex 921 and Cyanex 923 as carriers for facilitated transport of gold(I) cyanide aqueous solutions. Hydrometallurgy, 2002, 66, 117-123.	1.8	14
89	The effect of ion and particle losses in a diffusion charger on reaching a stationary charge distribution. Journal of Aerosol Science, 2003, 34, 1647-1664.	1.8	14
90	Synthesis of Calcium Aluminates from Non-Saline Aluminum Dross. Materials, 2019, 12, 1837.	1.3	14

#	Article	IF	Citations
91	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico.	0.1	14
92	Solvent extraction of Cu(II) by LIX 54-100 and its application to a solid supported liquid membrane system. Journal of Chemical Research, 2000, 2000, 479-481.	0.6	13
93	Facilitated Transport of Gold from Cyanide or Chloride Media by Cyanex 923. Separation Science and Technology, 2003, 38, 2055-2069.	1.3	13
94	Solvent extraction of silver by LIXÂ® 79: experimental equilibrium study. Journal of Chemical Technology and Biotechnology, 2004, 79, 306-310.	1.6	13
95	On Cadmium (II) Membraneâ€Based Extraction using Cyanex 923 as Carrier. Solvent Extraction and Ion Exchange, 2008, 26, 192-207.	0.8	13
96	Recycling of hazardous waste from tertiary aluminium industry in a value-added material. Waste Management and Research, 2011, 29, 127-134.	2.2	13
97	Development of crystalline phases in sintered glass-ceramics from residual E-glass fibres. Ceramics International, 2014, 40, 2769-2776.	2.3	13
98	On the Adsorption of Cerium(III) Using Multiwalled Carbon Nanotubes. Metals, 2020, 10, 1057.	1.0	13
99	Adsorption Processing for the Removal of Toxic Hg(II) from Liquid Effluents: Advances in the 2019 Year. Metals, 2020, 10, 412.	1.0	13
100	Application of Activated Carbon Obtained from Spent Coffee Ground Wastes to Effective Terbium Recovery from Liquid Solutions. Metals, 2021, 11, 630.	1.0	13
101	Liquid-liquid extraction of cadmium(II) by Cyanex 923 and its application to a solid-supported liquid membrane system. Journal of Chemical Technology and Biotechnology, 2005, 80, 967-972.	1.6	12
102	Membrane-based extraction with strip/organic dispersion methodologies for metals removal and recovery from wastewaters. Desalination and Water Treatment, 2012, 40, 282-297.	1.0	12
103	Modeling of facilitated transport of Cr(III) using (RNH3+HSO4â^') ionic liquid and pseudo-emulsion hollow fiber strip dispersion (PEHFSD) technology. Journal of Industrial and Engineering Chemistry, 2013, 19, 1086-1091.	2.9	12
104	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico.	0.1	12
105	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico.	0.1	12
106	Mechanistic study of active transport of copper (II) using LIX 54 across a liquid membrane. Journal of Chemical Technology and Biotechnology, 2000, 75, 577-582.	1.6	11
107	Copper removal from acidic wastewaters using 2-hydroxy-5-nonylbenzaldehyde oxime as ionophore in pseudo-emulsion membrane with strip dispersion (PEMSD) technology. Journal of Industrial and Engineering Chemistry, 2012, 18, 255-259.	2.9	11
108	A microencapsulation process of liquid mercury by sulfur polymer stabilization/solidification technology. Part I: Characterization of materials. Revista De Metalurgia, 2012, 48, 45-57.	0.1	11

#	Article	IF	Citations
109	Removal of Cr(VI) and Au(III) from aqueous streams by the use of carbon nanoadsorption technology. , 0, 63, 351-356.		11
110	EliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico.	0.1	11
111	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico.	0.1	11
112	Modeling Au(CN)2â^' extraction by mixtures of primene JMT and cyanex 925 reagents. AICHE Journal, 1999, 45, 2136-2141.	1.8	10
113	Carrier-mediated gold transport in the system Cyanex 921â€"HClâ€"Au(III). Hydrometallurgy, 2004, 71, 363-369.	1.8	10
114	Liquid-liquid extraction of Au(I) by Amberlite LA2 and its application to a polymer-immobilized liquid membrane system. Gold Bulletin, 2005, 38, 68-72.	3.2	10
115	Transport of Cr(VI) from HCl Media Using (PJMTH+Clâ^') Ionic Liquid as Carrier by Advanced Membrane Extraction Processing. Separation Science and Technology, 2012, 47, 555-561.	1.3	10
116	Study of the application of air-water flow injection inductively coupled plasma mass spectrometry for the determination of calcium in steels. Journal of Analytical Atomic Spectrometry, 1996, 11, 1037.	1.6	9
117	Membrane-based extraction of nickel(II) using the mixture Acorga M5640 and DP-8R as carrier. Journal of the Brazilian Chemical Society, 2006, 17, 839-843.	0.6	9
118	Penetration of aerosol undergoing combined electrostatic dispersion and diffusion in a cylindrical tube. Journal of Aerosol Science, 2007, 38, 481-493.	1.8	9
119	Mechanistic investigation of facilitated transport of gold(III) from HCl media using ionic liquid Cyphos IL102 as carrier across a supported liquid membrane. Gold Bulletin, 2019, 52, 145-151.	1.1	9
120	Liquid-Liquid Extraction of Indium(III) from the HCl Medium by Ionic Liquid A327H+Clâ^' and Its Use in a Supported Liquid Membrane System. Molecules, 2020, 25, 5238.	1.7	9
121	Treatment of Copper Converter Flue Dust for the Separation of Metallic/Non-metallic Copper by Hydrometallurgical Processing.. Journal of Chemical Engineering of Japan, 2003, 36, 1498-1502.	0.3	9
122	Processing of steel rinse waters through coextraction and selective stripping. AICHE Journal, 2004, 50, 1150-1155.	1.8	8
123	Transport of indium(III) using pseudo-emulsion based hollow fiber strip dispersion with ionic liquid RNH3+HSO4â^'. Chemical Engineering Research and Design, 2017, 126, 134-141.	2.7	8
124	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico. Parte XII: Mercurio(II)/H+/Lewatit SP112. Revista De Metalurgia, 2020, 56, 160.	0.1	8
125	Solvent extraction with DP-8R/LIX 860 mixtures for the selective separation of cobalt and nickel. Revista De Metalurgia, 2002, 38, 205-209.	0.1	8
126	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico.	0.1	8

#	Article	IF	Citations
127	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico. Parte XI: Cobalto(II)/H⁺/Lewatit TP260. Revista De Metalurgia, 2019, 55, 154.	0.1	8
128	Solvent Extraction of Au(CN)2â^' by Mixtures of the Primary Amine Tridecylamine and the Phosphine Oxide Cyanex 923. Journal of Chemical Research Synopses, 1998, , 792-793.	0.3	7
129	Transport of Au(CN)2â^'by Mixtures of Amine Primene JMT and Phosphine Oxide Cyanex 923 Using the Pseudo-Emulsion Based Hollow-Fiber Strip Dispersion Technology. Solvent Extraction and Ion Exchange, 2012, 30, 54-66.	0.8	7
130	Stabilization of Phosphogypsum by Sulfur Polymer. Journal of Materials in Civil Engineering, 2013, 25, 1041-1049.	1.3	7
131	Kinetics of the Thermal Degradation of Granulated Scrap Tyres: a Model-free Analysis. Medziagotyra, 2013, 19, .	0.1	7
132	Application of a Low-Cost Cellulose-Based Bioadsorbent for the Effective Recovery of Terbium Ions from Aqueous Solutions. Metals, 2020, 10, 1641.	1.0	7
133	Non-isothermal kinetics of the thermal desorption of mercury from a contaminated soil. Revista De Metalurgia, 2014, 50, e001.	0.1	7
134	Extraction of AuCl₄⁻ from HCl solutions by the chloride salt of the secondary amine Amberlite LA2 and estimation of the interaction coefficient between AuCl₄- and H⁺. Journal of Chemical Research, 2001, 2001, 384-386.	0.6	6
135	Selective copper-iron dissolution from a molybdenite concentrate using bacterial leaching. Journal of Chemical Technology and Biotechnology, 2001, 76, 723-728.	1.6	6
136	Stochastic modeling of particle coating. AICHE Journal, 2001, 47, 1303-1308.	1.8	6
137	Experimental Evidence of DMA Voltage Shift Due to Space-Charge. Aerosol Science and Technology, 2001, 35, 921-923.	1.5	6
138	Transport of Cr(VI) using an advanced membrane technology and (PJMTH⁺NO₃^{â^'}) ionic liquid derived from amine Primene JMT as green chemicals. Desalination and Water Treatment, 2013, 51, 7201-7207.	1.0	6
139	Facilitated Chromium(VI) Transport across an Ionic Liquid Membrane Impregnated with Cyphos IL102. Molecules, 2019, 24, 2437.	1.7	6
140	On the Active Adsorption of Chromium(III) from Alkaline Solutions Using Multiwalled Carbon Nanotubes. Applied Sciences (Switzerland), 2020, 10, 36.	1.3	6
141	Microporous adsorbent from winemaking waste for the recovery of Mn(<scp>VII</scp>) in liquid solutions. Canadian Journal of Chemical Engineering, 2021, 99, 447-457.	0.9	6
142	Obtention and Characterization of Ferrous Chloride FeCl2Â·4H2O from Water Pickling Liquors. Materials, 2021, 14, 4840.	1.3	6
143	ValorizaciÃ³n de fosfoyeso como material de construcciÃ³n: Aspectos radiolÃ³gicos. Materiales De Construccion, 2011, 61, 503-515.	0.2	6
144	Technologies for the 21st century: carbon nanotubes as adsorbents of metals. Revista De Metalurgia, 2014, 50, e025.	0.1	6

#	Article	IF	Citations
145	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico. Parte XIII: Zinc(II)/H+/Lewatit OC-1026. Revista De Metalurgia, 2020, 56, 172.	0.1	6
146	Removal of arsenic(V) from aqueous wastes by ion exchange with Lewatit MP64 resin. , 0, 133, 257-261.		6
147	Simulation to Recover Niobium and Tantalum from the Tin Slags of the Old Penouta Mine: A Case Study. Minerals (Basel, Switzerland), 2021, 11, 1123.	0.8	6
148	Extraction of Lanthanum Oxide from Different Spent Fluid Catalytic Cracking Catalysts by Nitric Acid Leaching and Cyanex 923 Solvent Extraction Methods. Metals, 2022, 12, 378.	1.0	6
149	Filtration of Unipolarly Charged Aerosol Nanoparticles with an Initially Discharged Dielectric Screen. Journal of Colloid and Interface Science, 1999, 216, 71-76.	5.0	5
150	Solvent Extraction Equilibrium of Zinc(II) from Ammonium Chloride Medium by CYANEX 923 in Solvesso 100.. Journal of Chemical Engineering of Japan, 2001, 34, 1439-1442.	0.3	5
151	X-ray fluorescence determination of major and minor elements in ferrotitanium, ferroniobium and ferrovanadium from compressed pellets and fusion beads. X-Ray Spectrometry, 2002, 31, 424-431.	0.9	5
152	Extraction of vanadium(V) from sulfate solutions by ACORGA M5640. Journal of Chemical Technology and Biotechnology, 2003, 78, 529-533.	1.6	5
153	Dispersion-free extraction of In(III) from HCl solutions using a supported liquid membrane containing the HA324H+Clâ^' ionic liquid as the carrier. Scientific Reports, 2020, 10, 13868.	1.6	5
154	Oxidized and Non-Oxidized Multiwalled Carbon Nanotubes as Materials for Adsorption of Lanthanum(III) Aqueous Solutions. Metals, 2020, 10, 765.	1.0	5
155	Permeation of AuCl4â^' Across a Liquid Membrane Impregnated with A324H+Clâ^' Ionic Liquid. Metals, 2020, 10, 363.	1.0	5
156	A microencapsulation process of liquid mercury by sulfur polymer stabilization/solidification technology. Part II: Durability of materials. Revista De Metalurgia, 2012, 48, 58-66.	0.1	5
157	Influence of Ammonium Salts on Solvent Extraction of Nickel Using Lix 54.. Journal of Chemical Engineering of Japan, 2001, 34, 83-86.	0.3	4
158	Recovery of chromium(VI) from hydrochloric acid liquors using the resin Dowex 1x8. Journal of Chemical Research, 2002, 2002, 101-104.	0.6	4
159	Extracting metals from aqueous solutions using Ti-based nanostructures: a review. Desalination and Water Treatment, 2016, 57, 17603-17615.	1.0	4
160	Activated Carbon from Winemaking Waste: Thermoeconomic Analysis for Large-Scale Production. Energies, 2020, 13, 6462.	1.6	4
161	Insight into the Liquidâ€“Liquid Extraction System AuCl4â^'/HCl/A327H+Clâ^' Ionic Liquid/Toluene. Processes, 2021, 9, 608.	1.3	4
162	ExtracciÃ³n de Mo(VI) de disoluciones en medio nÃtrico mediante Alamine 336 Ã³ Aliquat 336. Revista De Metalurgia, 1995, 31, 379-385.	0.1	4

#	Article	IF	Citations
163	Facilitated transport of Au(CN)₂ and other metal-cyanide complexes using amines. Revista De Metalurgia, 2002, 38, 419-425.	0.1	4
164	Physico-Chemical Characteristics of the Products Derived from the Thermolysis of Waste <i>Abies</i> <i>alba</i> <i>Mill</i>. Wood. Journal of Environmental Protection, 2013, 04, 26-30.	0.3	4
165	Determination of Phosphorus Content in Steels Using Flow Injection into an Argon-Water Carrier for Inductively Coupled Plasma-Mass Spectrometry.. ISIJ International, 1997, 37, 878-884.	0.6	3
166	Thin coating on ultrafine aerosol particles. Atmospheric Research, 2006, 82, 605-609.	1.8	3
167	Approximate relationship between voltage and mobility for Brownian particles in cylindrical DMAs. Journal of Aerosol Science, 2013, 58, 62-70.	1.8	3
168	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico. Parte IV: cromo(III)/H⁺/Lewatit SP112. Revista De Metalurgia, 2017, 53, 093.	0.1	3
169	Recovery of tetrachloroaurate through ion exchange with Dowex 11 resin. Revista De Metalurgia, 1998, 34, 376-380.	0.1	3
170	Removal of Cr(VI) from Waters by Multi-Walled Carbon Nanotubes: Optimization and Kinetic Investigations. , 0, , .		2
171	New Bioadsorbent Derived from Winemaking Waste Cluster Stalks: Application to the Removal of Toxic Cr(VI) from Liquid Effluents. Applied Sciences (Switzerland), 2020, 10, 9026.	1.3	2
172	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico. Parte XV: Iron(II)/H+/Lewatit TP208. Revista De Metalurgia, 2021, 57, e190.	0.1	2
173	Liquid-liquid extraction of cadmium(II) by TIOACl (tri-iso-octylammonium chloride) ionic liquid and its application to a TIOACl impregnated carbon nanotubes system. Revista De Metalurgia, 2015, 51, e051.	0.1	2
174	Isolation and characterization of the tertiary amine Alamine 304 hydrochioride. Its application on the extraction of Co(II), Au(III) and Pt(IV). Revista De Metalurgia, 2000, 36, 165-169.	0.1	2
175	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico. Parte XIV: Indium(III)/H+/Dowex-400. Revista De Metalurgia, 2020, 56, e184.	0.1	2
176	Separation Iron(III)-Manganese(II) via Supported Liquid Membrane Technology in the Treatment of Spent Alkaline Batteries. Membranes, 2021, 11, 991.	1.4	2
177	Transport of Au(III) from HCl Medium across a Liquid Membrane Using R3NH+Clâ^'/Toluene Immobilized on a Microporous Hydrophobic Support: Optimization and Modelling. Membranes, 2020, 10, 432.	1.4	1
178	La eliminaciÃ³n de metales tÃ³xicos presentes en efluentes lÃquidos mediante resinas de cambio iÃ³nico. Parte XVI: Iron(III)/H+/Lewatit TP208. Revista De Metalurgia, 2021, 57, e203.	0.1	1
179	Innovative processes in the production of inorganic bases and derived salts of current interest. Physical Sciences Reviews, 2020, 5, .	0.8	1
180	Niobium Oxide and Tantalum Oxide Micro- and Nanostructures Grown Using Material Recovered from Mining Tailings. Materials Proceedings, 2021, 3, .	0.2	0