

# FÃ©lix A LÃ³pez

## List of Publications by Year in descending order

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169  
papers

4,318  
citations

126907

33  
h-index

138484

58  
g-index

192  
all docs

192  
docs citations

192  
times ranked

4424  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental impact and management of phosphogypsum. <i>Journal of Environmental Management</i> , 2009, 90, 2377-2386.	7.8	590
2	A kinetic study on the thermal behaviour of chitosan. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 91, 633-639.	3.6	142
3	Sorption of heavy metals on blast furnace sludge. <i>Water Research</i> , 1998, 32, 989-996.	11.3	135
4	Recovery of carbon fibres by the thermolysis and gasification of waste prepreg. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 675-683.	5.5	105
5	Arsenic in Cooked Seafood Products: A Study on the Effect of Cooking on Total and Inorganic Arsenic Contents. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 4132-4140.	5.2	94
6	The extraction of mineral acids by the phosphine oxide Cyanex 923. <i>Hydrometallurgy</i> , 1996, 42, 245-255.	4.3	93
7	Thermolysis of fibreglass polyester composite and reutilisation of the glass fibre residue to obtain a glass-ceramic material. <i>Journal of Analytical and Applied Pyrolysis</i> , 2012, 93, 104-112.	5.5	89
8	Evolution of pyrite mud weathering and mobility of heavy metals in the Guadiamar valley after the Aznalcollar spill, south-west Spain. <i>Science of the Total Environment</i> , 1999, 242, 41-55.	8.0	82
9	The effect of the starting solution on the physico-chemical properties of zinc ferrite synthesized at low temperature. <i>Journal of Alloys and Compounds</i> , 1999, 287, 276-283.	5.5	79
10	Distillation of granulated scrap tires in a pilot plant. <i>Journal of Hazardous Materials</i> , 2011, 190, 285-292.	12.4	74
11	Synthesis of nanocrystalline zinc ferrite powders from sulphuric pickling waste water. <i>Journal of Alloys and Compounds</i> , 1998, 265, 291-296.	5.5	73
12	Removal of copper ions from aqueous solutions by a steel-making by-product. <i>Water Research</i> , 2003, 37, 3883-3890.	11.3	70
13	On the use of imidazolium and ammonium-based ionic liquids as green solvents for the selective recovery of Zn(II), Cd(II), Cu(II) and Fe(III) from hydrochloride aqueous solutions. <i>Separation and Purification Technology</i> , 2012, 97, 150-157.	7.9	69
14	A comparative study on copper corrosion originated by formic and acetic acid vapours. <i>Journal of Materials Science</i> , 2001, 36, 5203-5211.	3.7	66
15	Supported liquid membranes technologies in metals removal from liquid effluents. <i>Revista De Metalurgia</i> , 2011, 47, 146-168.	0.5	64
16	Textural and fuel characteristics of the chars produced by the pyrolysis of waste wood, and the properties of activated carbons prepared from them. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 104, 551-558.	5.5	63
17	Adsorption of Pb <sup>2+</sup> on blast furnace sludge. <i>Journal of Chemical Technology and Biotechnology</i> , 1995, 62, 200-206.	3.2	61
18	Total and inorganic arsenic in the fauna of the Guadalquivir estuary: environmental and human health implications. <i>Science of the Total Environment</i> , 1999, 242, 261-270.	8.0	61

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19	Preparation and characterization of activated carbon from the char produced in the thermolysis of granulated scrap tyres. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 534-544.	1.9	59
20	Production of sponge iron powder by reduction of rolling mill scale. <i>Ironmaking and Steelmaking</i> , 2012, 39, 155-162.	2.1	57
21	Copper Corrosion Mechanism in the Presence of Formic Acid Vapor for Short Exposure Times. <i>Journal of the Electrochemical Society</i> , 2000, 147, 999.	2.9	54
22	Pseudo-emulsion based hollow fiber with strip dispersion pertraction of iron(III) using (PJMTH+) <sub>2</sub> (SO <sub>4</sub> <sup>2-</sup> ) ionic liquid as carrier. <i>Chemical Engineering Journal</i> , 2010, 157, 366-372.	12.7	54
23	A Laboratory Study of the Effect of Acetic Acid Vapor on Atmospheric Copper Corrosion. <i>Journal of the Electrochemical Society</i> , 1998, 145, 4140-4147.	2.9	53
24	Sorption of indium (III) onto carbon nanotubes. <i>Ecotoxicology and Environmental Safety</i> , 2016, 130, 81-86.	6.0	51
25	A hazardous waste from secondary aluminium metallurgy as a new raw material for calcium aluminate glasses. <i>Journal of Hazardous Materials</i> , 2009, 165, 180-186.	12.4	48
26	Pseudo-Emulsion Membrane Strip Dispersion (PEMSD) Pertraction of Chromium(VI) Using CYPHOS IL101 Ionic Liquid as Carrier. <i>Environmental Science &amp; Technology</i> , 2010, 44, 7504-7508.	10.0	48
27	Sustainable remediation of mercury contaminated soils by thermal desorption. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4898-4907.	5.3	46
28	Preparation and characterization of activated carbons from winemaking wastes and their adsorption of methylene blue. <i>Adsorption Science and Technology</i> , 2018, 36, 1331-1351.	3.2	42
29	Application of pseudo-emulsion based hollow fiber strip dispersion (PEHFSD) for recovery of Cr(III) from alkaline solutions. <i>Separation and Purification Technology</i> , 2009, 66, 586-590.	7.9	41
30	Effect of Mg content on the thermal stability and mechanical behaviour of PLLA/Mg composites processed by hot extrusion. <i>Materials Science and Engineering C</i> , 2017, 72, 18-25.	7.3	41
31	Uphill permeation of Cr(VI) using Hostarex A327 as ionophore by membrane-solvent extraction processing. <i>Chemosphere</i> , 2008, 72, 684-689.	8.2	39
32	Removal of Pb <sup>2+</sup> in Wastewater via Adsorption onto an Activated Carbon Produced from Winemaking Waste. <i>Metals</i> , 2018, 8, 697.	2.3	39
33	The early atmospheric corrosion stages of carbon steel in acidic fogs. <i>Corrosion Science</i> , 1995, 37, 1751-1761.	6.6	38
34	Characterisation of solid residues obtained on removal of Cr from waste water. <i>Journal of Alloys and Compounds</i> , 2002, 335, 203-209.	5.5	35
35	Synthesis and microstructural properties of zinc oxide nanoparticles prepared by selective leaching of zinc from spent alkaline batteries using ammoniacal ammonium carbonate. <i>Journal of Cleaner Production</i> , 2017, 148, 795-803.	9.3	34
36	The influence of carbon content of blast furnace sludges and coke on the adsorption of lead ions from aqueous solution. <i>Carbon</i> , 1996, 34, 423-426.	10.3	33

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37	Recovery and Purification of Tin from Tailings from the Penouta Sn-Ta-Nb Deposit. Minerals (Basel), 2019, 9, 1-14.	2.0	33
38	Void-size probability distribution in random packings of equal-sized spheres. Chemical Engineering Science, 1995, 50, 1983-1988.	3.8	32
39	Gasification of the char derived from distillation of granulated scrap tyres. Waste Management, 2012, 32, 743-752.	7.4	32
40	Enhancement of Electric Arc Furnace Dust by Recycling to Electric Arc Furnace. Journal of Environmental Engineering, ASCE, 2002, 128, 1169-1174.	1.4	31
41	Carbon Nanofibers: A New Adsorbent for Copper Removal from Wastewater. Metals, 2018, 8, 914.	2.3	30
42	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
43	Recovery of niobium and tantalum by solvent extraction from Sn-Ta-Nb mining tailings. RSC Advances, 2020, 10, 21406-21412.	3.6	29
44	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.	8.0	28
45	Study of the extraction of gold(III) in aqueous hydrochloric acid media by the phosphine oxide Cyanex 925. Hydrometallurgy, 1997, 45, 199-209.	4.3	27
46	Extraction of polyphenols and synthesis of new activated carbon from spent coffee grounds. Scientific Reports, 2019, 9, 17706.	3.3	27
47	The recycling of end-of-life tyres. Technological review. Revista De Metalurgia, 2011, 47, 273-284.	0.5	27
48	Microencapsulation of phosphogypsum into a sulfur polymer matrix: Physico-chemical and radiological characterization. Journal of Hazardous Materials, 2011, 192, 234-45.	12.4	26
49	Recycling of copper flue dust via leaching-solvent extraction processing. Desalination and Water Treatment, 2015, 56, 1202-1207.	1.0	26
50	Dispersion-Free Solvent Extraction of Cr(VI) from Acidic Solutions Using Hollow Fiber Contactor. Environmental Science & Technology, 2009, 43, 7718-7722.	10.0	25
51	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.	7.9	25
52	Recycling of Glass Fibers from Fiberglass Polyester Waste Composite for the Manufacture of Glass-Ceramic Materials. Journal of Environmental Protection, 2012, 03, 740-747.	0.7	25
53	Valorisation of waste ilmenite mud in the manufacture of sulphur polymer cement. Journal of Environmental Management, 2013, 128, 625-630.	7.8	24
54	Mercury leaching from hazardous industrial wastes stabilized by sulfur polymer encapsulation. Waste Management, 2015, 35, 301-306.	7.4	24

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55	Effects of Linzâ€Donawitz (LD) slag on soil properties and pasture production in the Basque country (Northern Spain). <i>New Zealand Journal of Agricultural Research</i> , 1995, 38, 143-155.	1.6	23
56	Radiochemical Characterization of Phosphogypsum for Engineering Use. <i>Journal of Environmental Protection</i> , 2011, 02, 168-174.	0.7	23
57	Dysprosium Removal from Water Using Active Carbons Obtained from Spent Coffee Ground. <i>Nanomaterials</i> , 2019, 9, 1372.	4.1	23
58	Organic Dyes versus Adsorption Processing. <i>Molecules</i> , 2021, 26, 5440.	3.8	22
59	Rinse water regeneration in stainless steel pickling. <i>Desalination</i> , 2007, 211, 64-71.	8.2	21
60	Quality of ferrous scrap from MSW incinerators: a case study of Spain. <i>Resources, Conservation and Recycling</i> , 2003, 40, 39-51.	10.8	20
61	Kinetic study of the thermal decomposition of low-grade nickeliferous laterite ores. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 94, 517-522.	3.6	20
62	Thermo-Catalytic Treatment of Vapors in the Recycling Process of Carbon Fiber-Poly (Benzoxazine) Composite Waste by Pyrolysis. <i>Catalysts</i> , 2018, 8, 523.	3.5	20
63	Adsorption of heavy metals from aqueous solutions with by-products of the steelmaking industry. <i>Journal of Chemical Technology and Biotechnology</i> , 2005, 80, 1223-1229.	3.2	19
64	Thermal dehydration kinetics of phosphogypsum. <i>Materiales De Construccion</i> , 2015, 65, e061.	0.7	19
65	Recovery of iron from bio-oxidized sulphuric pickling waste water by precipitation as basic sulphates. <i>Hydrometallurgy</i> , 1997, 45, 97-112.	4.3	18
66	The GRAUTHERMIC-Tyres process for the recycling of granulated scrap tyres. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 103, 207-215.	5.5	18
67	Title is missing!. <i>Journal of Materials Science</i> , 1997, 32, 129-133.	3.7	17
68	New photocatalytic materials obtained from the recycling of alkaline and Zn/C spent batteries. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2809-2818.	5.8	17
69	Study by DTA/TG of the formation of calcium aluminate obtained from an aluminium hazardous waste. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 999-1004.	3.6	16
70	Active transport of cobalt (II) through a supported liquid membrane using the mixture DP8R and Acorga M5640 as extractant. <i>Desalination</i> , 2011, 281, 221-225.	8.2	16
71	Effect of recycled glass fiber on the corrosion behavior of reinforced mortar. <i>Construction and Building Materials</i> , 2014, 64, 261-269.	7.2	16
72	Cadmium(II) transfer using (TiOAC) ionic liquid as carrier in a smart liquid membrane technology. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 99, 192-196.	3.6	16

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73	Agronomic and nutritional effects of Linz-Donawitz slag application to two pastures in Northern Spain. <i>Nutrient Cycling in Agroecosystems</i> , 1996, 46, 157-167.	2.2	15
74	Influence of acetic and formic vapours on patinated artistic bronze. <i>Journal of Materials Science Letters</i> , 1997, 16, 776-779.	0.5	15
75	From spent alkaline batteries to Zn <sub>x</sub> Mn <sub>3x</sub> O <sub>4</sub> by a hydrometallurgical route: synthesis and characterization. <i>RSC Advances</i> , 2018, 8, 33496-33505.	3.6	15
76	The Recovery of Alumina From Salt Slags in Aluminium Remelting. <i>Canadian Metallurgical Quarterly</i> , 1994, 33, 29-33.	1.2	14
77	Synthesis and characterization of ZnO micro- and nanostructures grown from recovered ZnO from spent alkaline batteries. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2903-2911.	6.7	14
78	Synthesis of Calcium Aluminates from Non-Saline Aluminum Dross. <i>Materials</i> , 2019, 12, 1837.	2.9	14
79	Basic Linz-Donawitz Slag as a Liming Agent for Pastureland. <i>Agronomy Journal</i> , 1994, 86, 904-909.	1.8	13
80	Synthesis of mixed ferrite with spinel-type structure from a stainless steelmaking solid waste. <i>Journal of Alloys and Compounds</i> , 1998, 281, 312-317.	5.5	13
81	On Cadmium (II) Membrane-Based Extraction using Cyanex 923 as Carrier. <i>Solvent Extraction and Ion Exchange</i> , 2008, 26, 192-207.	2.0	13
82	Recycling of hazardous waste from tertiary aluminium industry in a value-added material. <i>Waste Management and Research</i> , 2011, 29, 127-134.	3.9	13
83	Development of crystalline phases in sintered glass-ceramics from residual E-glass fibres. <i>Ceramics International</i> , 2014, 40, 2769-2776.	4.8	13
84	On the Adsorption of Cerium(III) Using Multiwalled Carbon Nanotubes. <i>Metals</i> , 2020, 10, 1057.	2.3	13
85	Adsorption Processing for the Removal of Toxic Hg(II) from Liquid Effluents: Advances in the 2019 Year. <i>Metals</i> , 2020, 10, 412.	2.3	13
86	Application of Activated Carbon Obtained from Spent Coffee Ground Wastes to Effective Terbium Recovery from Liquid Solutions. <i>Metals</i> , 2021, 11, 630.	2.3	13
87	Preliminary study of treatment of sulphuric pickling water waste from steelmaking by bio-oxidation with <i>Thiobacillus ferrooxidans</i> . <i>FEMS Microbiology Reviews</i> , 1994, 14, 397-404.	8.6	12
88	Thermal decomposition of ferric and ammonium sulphates obtained by bio-oxidation of water pickling liquors with <i>Thiobacillus ferrooxidans</i> . <i>Journal of Materials Science</i> , 1995, 30, 5130-5138.	3.7	12
89	Membrane-based extraction with strip/organic dispersion methodologies for metals removal and recovery from wastewaters. <i>Desalination and Water Treatment</i> , 2012, 40, 282-297.	1.0	12
90	Modeling of facilitated transport of Cr(III) using (RNH <sub>3</sub> +HSO <sub>4</sub> <sup>-</sup> ) ionic liquid and pseudo-emulsion hollow fiber strip dispersion (PEHFSD) technology. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 1086-1091.	5.8	12

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91	A kinetic study of the thermal decomposition of ammoniojarosite. <i>Journal of Materials Science</i> , 1998, 33, 5821-5825.	3.7	11
92	Magnetic Separation of Ferrite Sludge from a Wastewater Purification Process. <i>Water, Air, and Soil Pollution</i> , 1999, 115, 385-394.	2.4	11
93	Management of MSW in Spain and recovery of packaging steel scrap. <i>Waste Management</i> , 2007, 27, 1655-1665.	7.4	11
94	Copper removal from acidic wastewaters using 2-hydroxy-5-nonylbenzaldehyde oxime as ionophore in pseudo-emulsion membrane with strip dispersion (PEMSD) technology. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 255-259.	5.8	11
95	A microencapsulation process of liquid mercury by sulfur polymer stabilization/solidification technology. Part I: Characterization of materials. <i>Revista De Metalurgia</i> , 2012, 48, 45-57.	0.5	11
96	Removal of Cr(VI) and Au(III) from aqueous streams by the use of carbon nanoadsorption technology. , 0, 63, 351-356.		11
97	The adsorption of copper (II) ions from aqueous solution on blast furnace sludge. <i>Journal of Materials Science Letters</i> , 1996, 15, 1310.	0.5	10
98	Synthesis of nickel-chromium-zinc ferrite powders from stainless steel pickling liquors. <i>Journal of Materials Research</i> , 1999, 14, 3427-3432.	2.6	10
99	Hydrolysis and Heat Treatment of Aluminum Dust. <i>Journal of the Air and Waste Management Association</i> , 2001, 51, 903-912.	1.9	10
100	Transport of Cr(VI) from HCl Media Using (PJMTH+Cl <sup>-</sup> ) Ionic Liquid as Carrier by Advanced Membrane Extraction Processing. <i>Separation Science and Technology</i> , 2012, 47, 555-561.	2.5	10
101	Oxidation and waste-to-energy output of aluminium waste packaging during incineration: A laboratory study. <i>Waste Management</i> , 2015, 43, 162-167.	7.4	10
102	Activated Carbons From Winemaking Biowastes for Electrochemical Double-Layer Capacitors. <i>Frontiers in Chemistry</i> , 2020, 8, 686.	3.6	10
103	New Manufacturing Process of Composites Reinforced with ZnO Nanoparticles Recycled from Alkaline Batteries. <i>Polymers</i> , 2020, 12, 1619.	4.5	10
104	Treatment of Copper Converter Flue Dust for the Separation of Metallic/Non-metallic Copper by Hydrometallurgical Processing.. <i>Journal of Chemical Engineering of Japan</i> , 2003, 36, 1498-1502.	0.6	9
105	Transport of indium(III) using pseudo-emulsion based hollow fiber strip dispersion with ionic liquid RNH <sub>3</sub> +HSO <sub>4</sub> <sup>-</sup> . <i>Chemical Engineering Research and Design</i> , 2017, 126, 134-141.	5.6	8
106	Devitrification of granulated blast furnace slag and slag derived glass powders. <i>Journal of Materials Science Letters</i> , 1994, 13, 1602-1607.	0.5	7
107	Transport of Au(CN) <sub>2</sub> <sup>-</sup> by Mixtures of Amine Primene JMT and Phosphine Oxide Cyanex 923 Using the Pseudo-Emulsion Based Hollow-Fiber Strip Dispersion Technology. <i>Solvent Extraction and Ion Exchange</i> , 2012, 30, 54-66.	2.0	7
108	Stabilization of Phosphogypsum by Sulfur Polymer. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 1041-1049.	2.9	7

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109	Kinetics of the Thermal Degradation of Granulated Scrap Tyres: a Model-free Analysis. <i>Medziagotyra</i> , 2013, 19, .	0.2	7
110	Effect of the Immobilization Strategy on the Efficiency and Recyclability of the Versatile Lipase from <i>Ophiostoma piceae</i> . <i>Molecules</i> , 2019, 24, 1313.	3.8	7
111	Application of a Low-Cost Cellulose-Based Bioadsorbent for the Effective Recovery of Terbium Ions from Aqueous Solutions. <i>Metals</i> , 2020, 10, 1641.	2.3	7
112	Immobilized Forms of the <i>Ophiostoma piceae</i> Lipase for Green Synthesis of Biodiesel. Comparison with Eversa Transform 2.0 and Cal A. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 822.	3.5	7
113	Non-isothermal kinetics of the thermal desorption of mercury from a contaminated soil. <i>Revista De Metalurgia</i> , 2014, 50, e001.	0.5	7
114	Evoluci3n de las propiedades mec3nicas de un residuo de la metalurgia secundaria del aluminio estabilizado con yeso. <i>Revista De Metalurgia</i> , 2005, 41, 280-285.	0.5	7
115	Transport of Cr(VI) using an advanced membrane technology and (PJMTH <sup>+</sup> NO <sub>3</sub> <sup>-</sup> ) <sup>+</sup> ionic liquid derived from amine Primene JMT as green chemicals. <i>Desalination and Water Treatment</i> , 2013, 51, 7201-7207.	1.0	6
116	Reverse i±iâ€“i±iÂ´ phase separation in Fe-20Cr-6Al alloy. <i>Philosophical Magazine</i> , 2013, 93, 1640-1651.	1.6	6
117	Characterization of Carbon Fibers Recovered by Pyrolysis of Cured Prepregs and Their Reuse in New Composites. , 2018, , .		6
118	On the Active Adsorption of Chromium(III) from Alkaline Solutions Using Multiwalled Carbon Nanotubes. <i>Applied Sciences</i> (Switzerland), 2020, 10, 36.	2.5	6
119	Microporous adsorbent from winemaking waste for the recovery of Mn( <sup>sc</sup> VII <sup>sc</sup> ) in liquid solutions. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, 447-457.	1.7	6
120	Obtention and Characterization of Ferrous Chloride FeCl2Â·4H2O from Water Pickling Liquors. <i>Materials</i> , 2021, 14, 4840.	2.9	6
121	Valorizaci3n de fosfoyeso como material de construcci3n: Aspectos radiol3gicos. <i>Materiales De Construcci3n</i> , 2011, 61, 503-515.	0.7	6
122	Technologies for the 21 <sup>st</sup> century: carbon nanotubes as adsorbents of metals. <i>Revista De Metalurgia</i> , 2014, 50, e025.	0.5	6
123	Simulation to Recover Niobium and Tantalum from the Tin Slags of the Old Penouta Mine: A Case Study. <i>Minerals</i> (Basel, Switzerland), 2021, 11, 1123.	2.0	6
124	Extraction of Lanthanum Oxide from Different Spent Fluid Catalytic Cracking Catalysts by Nitric Acid Leaching and Cyanex 923 Solvent Extraction Methods. <i>Metals</i> , 2022, 12, 378.	2.3	6
125	Effect of lanthanum content on physicochemical properties and thermal evolution of spent and beneficiated spent FCC catalysts. <i>Ceramics International</i> , 2022, 48, 17691-17702.	4.8	6
126	The recycling of Linz-Donawitz (LD) converter slag by use as a liming agent on pasture land. <i>Waste Management and Research</i> , 1995, 13, 555-568.	3.9	5



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127	The use of blast furnace slag and derived materials in the vitrification of electric arc furnace dust. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 1996, 27, 379-384.	2.1	5
128	Photocatalytic Activity of Zn <sub>x</sub> Mn <sub>3-x</sub> O <sub>4</sub> Oxides and ZnO Prepared From Spent Alkaline Batteries. Frontiers in Chemistry, 2020, 8, 661.	3.6	5
129	Dispersion-free extraction of In(III) from HCl solutions using a supported liquid membrane containing the HA324H+Cl <sup>-</sup> ionic liquid as the carrier. Scientific Reports, 2020, 10, 13868.	3.3	5
130	Oxidized and Non-Oxidized Multiwalled Carbon Nanotubes as Materials for Adsorption of Lanthanum(III) Aqueous Solutions. Metals, 2020, 10, 765.	2.3	5
131	Permeation of AuCl <sub>4</sub> <sup>-</sup> Across a Liquid Membrane Impregnated with A324H+Cl <sup>-</sup> Ionic Liquid. Metals, 2020, 10, 363.	2.3	5
132	A microencapsulation process of liquid mercury by sulfur polymer stabilization/solidification technology. Part II: Durability of materials. Revista De Metalurgia, 2012, 48, 58-66.	0.5	5
133	Influence of Ammonium Salts on Solvent Extraction of Nickel Using Lix 54.. Journal of Chemical Engineering of Japan, 2001, 34, 83-86.	0.6	4
134	Extracting metals from aqueous solutions using Ti-based nanostructures: a review. Desalination and Water Treatment, 2016, 57, 17603-17615.	1.0	4
135	Luminescence and gas-sensing properties of ZnO obtained from the recycling of alkaline batteries. Journal of Materials Science, 2018, 53, 2026-2033.	3.7	4
136	Photocatalytic activity of electric-arc furnace flue dusts. Journal of Materials Research and Technology, 2020, 9, 1261-1272.	5.8	4
137	Activated Carbon from Winemaking Waste: Thermo-economic Analysis for Large-Scale Production. Energies, 2020, 13, 6462.	3.1	4
138	Insight into the Liquid-Liquid Extraction System AuCl <sub>4</sub> <sup>-</sup> /HCl/A327H+Cl <sup>-</sup> Ionic Liquid/Toluene. Processes, 2021, 9, 608.	2.8	4
139	Posibilidades sobre el uso de residuos de la industria del acero en la eliminaci3n de metales de efluentes lquidos. Revista De Metalurgia, 2004, 40, 324-328.	0.5	4
140	Physico-Chemical Characteristics of the Products Derived from the Thermolysis of Waste &lt;i>Abies&lt;/i> &lt;i>alba&lt;/i> &lt;i>Mill&lt;/i>. Wood. Journal of Environmental Protection, 2013, 04, 26-30.	0.7	4
141	Obtaining and Characterization of Highly Crystalline Recycled Graphites from Different Types of Spent Batteries. Materials, 2022, 15, 3246.	2.9	4
142	Preparation of glass-forming materials from granulated blast furnace slag. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 1996, 27, 801-809.	2.1	3
143	Characteristics and thermal detinning of ferrous scrap from Spanish MSW compost plants. Resources, Conservation and Recycling, 2005, 44, 167-183.	10.8	3
144	Technical Characterization of Sintered-Glass Ceramics Derived from Glass Fibers Recovered by Pyrolysis. Journal of Materials in Civil Engineering, 2015, 27, .	2.9	3

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145	Chloride Volatilization of Cassiterite From Low-Grade Minerals. Canadian Metallurgical Quarterly, 1993, 32, 39-43.	1.2	2
146	Removal of Cr(VI) from Waters by Multi-Walled Carbon Nanotubes: Optimization and Kinetic Investigations. , 0, , .		2
147	Characterization of K6Ta10.8O30 Microrods with Tetragonal Tungsten Bronze-Like Structure Obtained from Tailings from the Penouta Sn-Ta-Nb Deposit. Nanomaterials, 2020, 10, 2289.	4.1	2
148	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.	2.5	2
149	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.	0.5	2
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