

Irene Garc  a-D  az

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8120909/publications.pdf>

Version: 2024-02-01

48
papers

1,230
citations

361413
20
h-index

377865
34
g-index

48
all docs

48
docs citations

48
times ranked

1373
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Adsorption of Cerium(III) Using Multiwalled Carbon Nanotubes. <i>Metals</i> , 2020, 10, 1057.	2.3	13
2	Photocatalytic Activity of $\text{Zn}_x\text{Mn}_{3-x}\text{O}_4$ Oxides and ZnO Prepared From Spent Alkaline Batteries. <i>Frontiers in Chemistry</i> , 2020, 8, 661.	3.6	5
3	Recovery of niobium and tantalum by solvent extraction from Sn - Ta - Nb mining tailings. <i>RSC Advances</i> , 2020, 10, 21406-21412.	3.6	29
4	Oxidized and Non-Oxidized Multiwalled Carbon Nanotubes as Materials for Adsorption of Lanthanum(III) Aqueous Solutions. <i>Metals</i> , 2020, 10, 765.	2.3	5
5	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
6	Extraction of indium(III) from sulphuric acid medium by the ionic liquid (PJMTH+ HSO_4^-). <i>Separation and Purification Technology</i> , 2019, 211, 764-767.	7.9	16
7	Luminescence and gas-sensing properties of ZnO obtained from the recycling of alkaline batteries. <i>Journal of Materials Science</i> , 2018, 53, 2026-2033.	3.7	4
8	Carbon Nanofibers: A New Adsorbent for Copper Removal from Wastewater. <i>Metals</i> , 2018, 8, 914.	2.3	30
9	From spent alkaline batteries to $\text{Zn}_{1-x}\text{Mn}_x\text{O}_4$ by a hydrometallurgical route: synthesis and characterization. <i>RSC Advances</i> , 2018, 8, 33496-33505.	3.6	15
10	Tin and silver recovery from wave soldering dross. <i>Waste Management and Research</i> , 2018, 36, 1201-1209.	3.9	0
11	Removal of Pb^{2+} in Wastewater via Adsorption onto an Activated Carbon Produced from Winemaking Waste. <i>Metals</i> , 2018, 8, 697.	2.3	39
12	Recovery and Purification of Tin from Tailings from the Penouta Sn - Ta - Nb Deposit. <i>Minerals (Basel)</i> , 2017, 7, 100.	2.0	33
13	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
14	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
15	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
16	Transport of indium(III) using pseudo-emulsion based hollow fiber strip dispersion with ionic liquid $\text{RNH}_3+\text{HSO}_4^-$. <i>Chemical Engineering Research and Design</i> , 2017, 126, 134-141.	5.6	8
17	Extracting metals from aqueous solutions using Ti-based nanostructures: a review. <i>Desalination and Water Treatment</i> , 2016, 57, 17603-17615.	1.0	4
18	Sorption of indium (III) onto carbon nanotubes. <i>Ecotoxicology and Environmental Safety</i> , 2016, 130, 81-86.	6.0	51

#	ARTICLE	IF	CITATIONS
19	Cadmium(II) transfer using (TiOAC) ionic liquid as carrier in a smart liquid membrane technology. Chemical Engineering and Processing: Process Intensification, 2016, 99, 192-196.	3.6	16
20	Recycling of copper flue dust via leaching-solvent extraction processing. Desalination and Water Treatment, 2015, 56, 1202-1207.	1.0	26
21	Oxidation and waste-to-energy output of aluminium waste packaging during incineration: A laboratory study. Waste Management, 2015, 43, 162-167.	7.4	10
22	Thermal dehydration kinetics of phosphogypsum. Materiales De Construccion, 2015, 65, e061.	0.7	19
23	Liquid-liquid extraction of cadmium(II) by TIOACI (tri-iso-octylammonium chloride) ionic liquid and its application to a TIOACI impregnated carbon nanotubes system. Revista De Metalurgia, 2015, 51, e051.	0.5	2
24	Effect of recycled glass fiber on the corrosion behavior of reinforced mortar. Construction and Building Materials, 2014, 64, 261-269.	7.2	16
25	Transport of Cr(VI) using an advanced membrane technology and (PJMTH ⁺ NO ₃ ⁻) ionic liquid derived from amine Primene JMT as green chemicals. Desalination and Water Treatment, 2013, 51, 7201-7207.	1.0	6
26	Valorisation of waste ilmenite mud in the manufacture of sulphur polymer cement. Journal of Environmental Management, 2013, 128, 625-630.	7.8	24
27	Stabilization of Phosphogypsum by Sulfur Polymer. Journal of Materials in Civil Engineering, 2013, 25, 1041-1049.	2.9	7
28	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.	5.5	63
29	Modeling of facilitated transport of Cr(III) using (RNH ₃ +HSO ₄ ⁻) ionic liquid and pseudo-emulsion hollow fiber strip dispersion (PEHFS) technology. Journal of Industrial and Engineering Chemistry, 2013, 19, 1086-1091.	5.8	12
30	Recovery of carbon fibres by the thermolysis and gasification of waste prepreg. Journal of Analytical and Applied Pyrolysis, 2013, 104, 675-683.	5.5	105
31	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
32	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
33	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. Separation and Purification Technology, 2012, 97, 150-157.	7.9	69
34	Transport of Cr(VI) from HCl Media Using (PJMTH+Cl ⁻) Ionic Liquid as Carrier by Advanced Membrane Extraction Processing. Separation Science and Technology, 2012, 47, 555-561.	2.5	10
35	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.	5.8	11
36	Belite cements obtained from ceramic wastes and the mineral pair CaF ₂ /CaSO ₄ . Cement and Concrete Composites, 2011, 33, 1063-1070.	10.7	43

#	ARTICLE	IF	CITATIONS
37	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
38	Microencapsulation of phosphogypsum into a sulfur polymer matrix: Physico-chemical and radiological characterization. Journal of Hazardous Materials, 2011, 192, 234-45.	12.4	26
39	Supported liquid membranes technologies in metals removal from liquid effluents. Revista De Metalurgia, 2011, 47, 146-168.	0.5	64
40	Clinkers and cements obtained from raw mix containing ceramic waste as a raw material. Characterization, hydration and leaching studies. Cement and Concrete Composites, 2010, 32, 175-186.	10.7	52
41	Efecto del ZnO, ZrO_2 y B_2O_3 en el proceso de clinkerización. Parte II. Metodología de separación de fases y distribución en las fases del clínker. Materiales De Construcción, 2009, 59, 53-74.	0.7	1
42	Ceramic wastes as alternative raw materials for Portland cement clinker production. Cement and Concrete Composites, 2008, 30, 798-805.	10.7	185
43	Efecto del ZnO, ZrO_2 y B_2O_3 en el proceso de clinkerización. Parte I. Reacciones de clinkerización y composición de los clínkeres. Materiales De Construcción, 2008, 58, .	0.7	1
44	Synthesis, Characterization, Molecular Structure, and Electrochemistry of a New Ferrocenoyl Derivative. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1979-1981.	1.2	2
45	Synthesis, characterization, crystal structure and electrochemistry of a novel palladium(II) binuclear complex containing 1,2,4-triazole bis(4-phenylthiosemicarbazone) bridges. Inorganic Chemistry Communication, 2004, 7, 756-759.	3.9	21
46	Characterization and Valorization of Norm Wastes for Construction Materials. , 0, , .		2
47	Membrane-based extraction with strip/organic dispersion methodologies for metals removal and recovery from wastewaters. , 0, 40, 282-297.		1
48	Removal of Cr(VI) and Au(III) from aqueous streams by the use of carbon nanoadsorption technology. , 0, 63, 351-356.		11