

Francisco Raul Carrillo-Pedroza

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

595
citations

759055

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h-index

610775

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g-index

34
all docs

34
docs citations

34
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Destruction of cyanide waste solutions using chlorine dioxide, ozone and titania sol. Waste Management, 2003, 23, 183-191.	3.7	101
2	Leaching kinetics of iron from low grade kaolin by oxalic acid solutions. Applied Clay Science, 2011, 51, 473-477.	2.6	80
3	Study of celestite flotation efficiency using sodium dodecyl sulfonate collector: factorial experiment and statistical analysis of data. International Journal of Mineral Processing, 2003, 70, 83-97.	2.6	63
4	Cyanide oxidation by ozone in cyanidation tailings: Reaction kinetics. Minerals Engineering, 2000, 13, 541-548.	1.8	34
5	Kinetics and statistical analysis of nickel leaching from spent catalyst in nitric acid solution. International Journal of Mineral Processing, 2016, 148, 41-47.	2.6	30
6	Treatment of Sulfide Minerals by Oxidative Leaching with Ozone. Mineral Processing and Extractive Metallurgy Review, 2012, 33, 269-279.	2.6	26
7	Leaching Chalcopyrite Concentrate with Oxygen and Sulfuric Acid Using a Low-Pressure Reactor. Metals, 2019, 9, 189.	1.0	25
8	A laboratory study of the leaching of celestite in a Pachuca tank. Minerals Engineering, 1995, 8, 495-509.	1.8	22
9	Coal Desulfurization in Oxidative Acid Media Using Hydrogen Peroxide and Ozone: A Kinetic and Statistical Approach. Energy & Fuels, 2009, 23, 3703-3710.	2.5	20
10	Aerobic processes for bioleaching manganese and silver using microorganisms indigenous to mine tailings. World Journal of Microbiology and Biotechnology, 2020, 36, 124.	1.7	20
11	Leaching Chalcopyrite with an Imidazolium-Based Ionic Liquid and Bromide. Metals, 2020, 10, 183.	1.0	20
12	Evaluation of Acid Leaching of Low Grade Chalcopyrite Using Ozone by Statistical Analysis. Canadian Metallurgical Quarterly, 2010, 49, 219-226.	0.4	18
13	Ozonation Pretreatment of Gold-Silver Pyritic Minerals. Ozone: Science and Engineering, 2007, 29, 307-313.	1.4	12
14	Direct Acid Leaching of Sphalerite: An Approach Comparative and Kinetics Analysis. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	12
15	Leaching kinetics of electronic waste for the recovery of copper: Rate-controlling step and rate process in a multisize particle system. International Journal of Chemical Kinetics, 2021, 53, 379-389.	1.0	12
16	Kinetics of Coal Desulfurization in An Oxidative Acid Media. International Journal of Coal Preparation and Utilization, 2009, 29, 152-172.	1.2	11
17	Influence of Thickness and Chemical Composition of Hot-Rolled Bands on the Final Microstructure and Magnetic Properties of Non-Oriented Electrical Steel Sheets Subjected to Two Different Decarburizing Atmospheres. Metals, 2017, 7, 229.	1.0	10
18	Synthesis, structural characterization and Cu(II) adsorption behavior of manganite (β-MnOOH) nanorods. RSC Advances, 2020, 10, 179-186.	1.7	10

#	ARTICLE	IF	CITATIONS
19	Blast furnace residues for arsenic removal from mining-contaminated groundwater. Environmental Technology (United Kingdom), 2014, 35, 2895-2902.	1.2	9
20	Oxidative Leaching of Zinc and Alkalis from Iron Blast Furnace Sludge. Metals, 2019, 9, 1015.	1.0	8
21	Ozonation of Cyanide Catalyzed by Activated Carbon. Ozone: Science and Engineering, 2015, 37, 240-251.	1.4	7
22	Removal of Pb(II) from aqueous solutions by using steelmaking industry wastes: Effect of blast furnace dust's chemical composition. Arabian Journal of Chemistry, 2021, 14, 103061.	2.3	7
23	Comparative Study of MnO ₂ Dissolution from Black Copper Minerals and Manganese Nodules in an Acid Medium. Metals, 2021, 11, 817.	1.0	7
24	Evaluation of Process Parameters of Coal Desulfurization in Presence of H ₂ O ₂ and Complexing Agents. International Journal of Coal Preparation and Utilization, 2014, 34, 85-97.	1.2	6
25	ADSORPTION OF CHROMIUM FROM STEEL PLATING WASTEWATER USING BLAST FURNACE DUST. Revista Internacional De Contaminacion Ambiental, 2017, 33, 591-603.	0.1	6
26	Use of Thermally Modified Jarosite for the Removal of Hexavalent Chromium by Adsorption. Crystals, 2022, 12, 80.	1.0	6
27	Catalytic performance of oxygenated acid sites on activated carbon generated by non-isothermal plasma. Carbon, 2018, 126, 552-565.	5.4	5
28	Avances en los métodos de recuperación de oro y plata de minerales refractarios. Revista De Metalurgia, 1996, 32, 254-261.	0.1	5
29	Effects of pretreatment and leaching medium on the extraction efficiency of Au and Ag from a chalcopyrite leaching by-product. DYNA (Colombia), 2021, 88, 119-126.	0.2	2
30	Characterization of iron and steelmaking wet dust for arsenic remove in wastewaters. Materials Research Society Symposia Proceedings, 2012, 1380, 1.	0.1	1
31	The removal of pyritic sulphur from a coal by ozone. International Journal of Oil, Gas and Coal Technology, 2010, 3, 269.	0.1	0
32	Characterization of multimetallic nanomaterial obtained from cyanidation solutions.. Materials Research Society Symposia Proceedings, 2012, 1380, 1.	0.1	0
33	Kinetic Study of Iron Dissolution from Low Grade Kaolin Using Oxalic Acid Solutions. Materials Research Society Symposia Proceedings, 2012, 1380, 1.	0.1	0
34	ADSORCIÓN DE CROMO MEDIANTE EL USO DE RESIDUOS MINERO-METALÚRGICOS COMO ADSORBENTES DE BAJO COSTO. Epistemus, 2022, 15, .	0.0	0