Manuel Saldana

List of Publications by Year
in descending order

32 papers	317 citations	840728 11 h-index	888047 17 g-index
33 all docs	33 docs citations	33 times ranked	122 citing authors

#	Article	IF	Citations
1	A Posteriori Analysis of Analytical Models for Flotation Circuits Using Sensitivity Analyses. Advances in Sustainability Science and Technology, 2022, , 265-279.	0.6	0
2	Experimental Study of Heap Leaching of Secondary Sulphides Using H2SO4 and NaCl: A Chilean Mining Company Case. Advances in Sustainability Science and Technology, 2022, , 253-264.	0.6	0
3	Modeling the Dynamic of a SAG Milling System Through Regression Models and Neural Networks. Advances in Sustainability Science and Technology, 2022, , 281-293.	0.6	0
4	Copper Mineral Leaching Mathematical Models—A Review. Materials, 2022, 15, 1757.	2.9	11
5	Submarine mineral resources: A potential solution to political conflicts and global warming. Minerals Engineering, 2022, 179, 107441.	4.3	8
6	Mineral Leaching Modeling Through Machine Learning Algorithms â‿ A Review. Frontiers in Earth Science, 2022, 10, .	1.8	2
7	Improved dispersion of clay-rich tailings in seawater using sodium polyacrylate. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 612, 126015.	4.7	11
8	Initial investigation into the leaching of manganese from nodules at room temperature with the use of sulfuric acid and the addition of foundry slag—Part II. Separation Science and Technology, 2021, 56, 389-394.	2.5	11
9	Scale Effect and Correlation between Uniaxial Compressive Strength and Point Load Index for Limestone and Travertine. Applied Sciences (Switzerland), 2021, 11, 3672.	2.5	1
10	A Decision Support System for Changes in Operation Modes of the Copper Heap Leaching Process. Metals, 2021, 11, 1025.	2.3	10
11	Analysis of the Dynamics of Rougher Cells on the Basis of Phenomenological Models and Discrete Event Simulation Framework. Metals, 2021, 11, 1454.	2.3	6
12	Leaching Chalcocite in Chloride Media—A Review. Minerals (Basel, Switzerland), 2021, 11, 1197.	2.0	7
13	Dissolution of pure chalcopyrite with manganese nodules and waste water. Journal of Materials Research and Technology, 2020, 9, 798-805.	5.8	29
14	Mapping of the Perception of Theft Crimes from Analysis of Newspaper Articles Online. , 2020, , .		2
15	A comprehensive analytical model for copper extraction from chalcocite in chloride media. AIP Conference Proceedings, 2020, , .	0.4	0
16	Applying Statistical Analysis and Machine Learning for Modeling the UCS from P-Wave Velocity, Density and Porosity on Dry Travertine. Applied Sciences (Switzerland), 2020, 10, 4565.	2.5	21
17	Statistical Study for Leaching of Covellite in a Chloride Media. Metals, 2020, 10, 477.	2.3	18
18	Treatment of black copper with the use of iron scrap - part I. Hemijska Industrija, 2020, 74, 237-245.	0.7	7

#	Article	IF	Citations
19	Development of an empirical model for copper extraction from chalcocite in chloride media. Hemijska Industrija, 2020, 74, 285-292.	0.7	7
20	Global sensitivity analyses of a neural networks model for a flotation circuit. Hemijska Industrija, 2020, 74, 247-256.	0.7	5
21	Optimization of Cu and Mn Dissolution from Black Coppers by Means of an Agglomerate and Curing Pretreatment. Metals, 2020, 10, 657.	2.3	6
22	An Empirical Study of the Perception of Criminality through Analysis of Newspapers Online. Journal of Information Systems Engineering and Management, 2020, 5, em0126.	0.7	1
23	Modelling a SAG Grinding System through multiples regressions. , 2020, , .		2
24	MnO2 Dissolution from Marine Nodules with Tailings. , 2020, , .		0
25	Optimization of the Heap Leaching Process through Changes in Modes of Operation and Discrete Event Simulation. Minerals (Basel, Switzerland), 2019, 9, 421.	2.0	27
26	Optimization of Parameters for the Dissolution of Mn from Manganese Nodules with the Use of Tailings in An Acid Medium. Minerals (Basel, Switzerland), 2019, 9, 387.	2.0	22
27	A Stochastic Model Approach for Copper Heap Leaching through Bayesian Networks. Metals, 2019, 9, 1198.	2.3	18
28	Development of an Analytical Model for the Extraction of Manganese from Marine Nodules. Metals, 2019, 9, 903.	2.3	17
29	Representation for a prototype of recommendation system of operation mode in copper mining. , 2019, , .		2
30	Leaching of Manganese from Marine Nodules at Room Temperature with the Use of Sulfuric Acid and the Addition of Tailings. Minerals (Basel, Switzerland), 2019, 9, 289.	2.0	23
31	Analytical Model for Predicting the UCS from P-Wave Velocity, Density, and Porosity on Saturated Limestone. Applied Sciences (Switzerland), 2019, 9, 5265.	2.5	21
32	Leaching Manganese Nodules in an Acid Medium and Room Temperature Comparing the Use of Different Fe Reducing Agents. Metals, 2019, 9, 1316.	2.3	20