

Manuel Saldana

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Dissolution of pure chalcopyrite with manganese nodules and waste water. Journal of Materials Research and Technology, 2020, 9, 798-805. | 5.8 | 29 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | A Stochastic Model Approach for Copper Heap Leaching through Bayesian Networks. Metals, 2019, 9, 1198. | 2.3 | 18 |
| 9 | Statistical Study for Leaching of Covellite in a Chloride Media. Metals, 2020, 10, 477. | 2.3 | 18 |
| 10 | Development of an Analytical Model for the Extraction of Manganese from Marine Nodules. Metals, 2019, 9, 903. | 2.3 | 17 |
| 11 | 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 |
| 12 | Initial investigation into the leaching of manganese from nodules at room temperature with the use of sulfuric acid and the addition of foundry slagâ€”Part II. Separation Science and Technology, 2021, 56, 389-394. | 2.5 | 11 |
| 13 | Copper Mineral Leaching Mathematical Modelsâ€”A Review. Materials, 2022, 15, 1757. | 2.9 | 11 |
| 14 | A Decision Support System for Changes in Operation Modes of the Copper Heap Leaching Process. Metals, 2021, 11, 1025. | 2.3 | 10 |
| 15 | Submarine mineral resources: A potential solution to political conflicts and global warming. Minerals Engineering, 2022, 179, 107441. | 4.3 | 8 |
| 16 | Treatment of black copper with the use of iron scrap - part I. Hemijska Industrija, 2020, 74, 237-245. | 0.7 | 7 |
| 17 | Development of an empirical model for copper extraction from chalcocite in chloride media. Hemijska Industrija, 2020, 74, 285-292. | 0.7 | 7 |
| 18 | Leaching Chalcocite in Chloride Mediaâ€”A Review. Minerals (Basel, Switzerland), 2021, 11, 1197. | 2.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Analysis of the Dynamics of Rougher Cells on the Basis of Phenomenological Models and Discrete Event Simulation Framework. <i>Metals</i> , 2021, 11, 1454. | 2.3 | 6 |
| 20 | Optimization of Cu and Mn Dissolution from Black Coppers by Means of an Agglomerate and Curing Pretreatment. <i>Metals</i> , 2020, 10, 657. | 2.3 | 6 |
| 21 | Global sensitivity analyses of a neural networks model for a flotation circuit. <i>Hemijaska Industrija</i> , 2020, 74, 247-256. | 0.7 | 5 |
| 22 | Representation for a prototype of recommendation system of operation mode in copper mining. , 2019, , . | | 2 |
| 23 | Mapping of the Perception of Theft Crimes from Analysis of Newspaper Articles Online. , 2020, , . | | 2 |
| 24 | Modelling a SAG Grinding System through multiples regressions. , 2020, , . | | 2 |
| 25 | Mineral Leaching Modeling Through Machine Learning Algorithms â A Review. <i>Frontiers in Earth Science</i> , 2022, 10, . | 1.8 | 2 |
| 26 | Scale Effect and Correlation between Uniaxial Compressive Strength and Point Load Index for Limestone and Travertine. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3672. | 2.5 | 1 |
| 27 | An Empirical Study of the Perception of Criminality through Analysis of Newspapers Online. <i>Journal of Information Systems Engineering and Management</i> , 2020, 5, em0126. | 0.7 | 1 |
| 28 | A comprehensive analytical model for copper extraction from chalcocite in chloride media. <i>AIP Conference Proceedings</i> , 2020, , . | 0.4 | 0 |
| 29 | A Posteriori Analysis of Analytical Models for Flotation Circuits Using Sensitivity Analyses. <i>Advances in Sustainability Science and Technology</i> , 2022, , 265-279. | 0.6 | 0 |
| 30 | MnO ₂ Dissolution from Marine Nodules with Tailings. , 2020, , . | | 0 |
| 31 | Experimental Study of Heap Leaching of Secondary Sulphides Using H ₂ SO ₄ and NaCl: A Chilean Mining Company Case. <i>Advances in Sustainability Science and Technology</i> , 2022, , 253-264. | 0.6 | 0 |
| 32 | Modeling the Dynamic of a SAG Milling System Through Regression Models and Neural Networks. <i>Advances in Sustainability Science and Technology</i> , 2022, , 281-293. | 0.6 | 0 |