Asghar Azizi

List of Publications by Year
in descending order

35 papers	**723** citations
759190 **12** h-index	552766 **26** g-index
35 all docs	**35** docs citations
35 times ranked	**791** citing authors

#	Article	IF	Citations
1	Fabrication and investigation of MnFe2O4/MWCNTs nanocomposite by hydrothermal technique and adsorption of cationic and anionic dyes. Applied Surface Science, 2017, 419, 70-83.	6.1	83
2	Adsorption of gold from cyanide leaching solution onto activated carbon originating from coconut shellâ€"Optimization, kinetics and equilibrium studies. Journal of Industrial and Engineering Chemistry, 2017, 54, 464-471.	5.8	73
3	Adsorption of lead(II) and chromium(VI) from aqueous environment onto metal-organic framework MIL-100(Fe): Synthesis, kinetics, equilibrium and thermodynamics. Journal of Solid State Chemistry, 2020, 291, 121636.	2.9	72
4	Alkaline leaching of lead and zinc by sodium hydroxide: kinetics modeling. Journal of Materials Research and Technology, 2018, 7, 118-125.	5.8	67
5	Synthesis and characterization of manganese ferrite nanostructure by co-precipitation, sol-gel, and hydrothermal methods. Particulate Science and Technology, 2019, 37, 904-910.	2.1	51
6	Modeling and optimization of Direct Red 16 adsorption from aqueous solutions using nanocomposite of MnFe 2 O 4 /MWCNTs: RSM-CCRD model. Journal of Molecular Liquids, 2017, 233, 370-377.	4.9	45
7	Investigating the first-order flotation kinetics models for Sarcheshmeh copper sulfide ore. International Journal of Mining Science and Technology, 2015, 25, 849-854.	10.3	39
8	Leaching of zinc from a lead-zinc flotation tailing sample using ferric sulphate and sulfuric acid media. Journal of Environmental Chemical Engineering, 2017, 5, 4769-4775.	6.7	37
9	Estimation of flotation rate constant and particle-bubble interactions considering key hydrodynamic parameters and their interrelations. Minerals Engineering, 2019, 141, 105836.	4.3	35
10	Solvent extraction of zinc from sulphate leaching solution of a sulphide-oxide sample using D2EHPA and Cyanex 272. Journal of Dispersion Science and Technology, 2018, 39, 1328-1334.	2.4	19
11	Investigating the best mixture extraction systems in the separation of rare earth elements from nitric acid solution using Cyanex272, D2EHPA, and 8-Hydroxyquinoline. Geosystem Engineering, 2016, 19, 32-38.	1.4	18
12	Parametric Optimization in Rougher Flotation Performance of a Sulfidized Mixed Copper Ore. Minerals (Basel, Switzerland), 2020, 10, 660.	2.0	15
13	Solvent Extraction of Copper and Zinc from Sulfate Leach Solution Derived from a Porcelain Stone Tailings Sample with Chemorex CP-150 and D2EHPA. Journal of Sustainable Metallurgy, 2020, 6, 250-258.	2.3	14
14	A study on the modified flotation parameters and selectivity index in copper flotation. Particulate Science and Technology, 2017, 35, 38-44.	2.1	13
15	The effect of pH, solid content, water chemistry and ore mineralogy on the galvanic interactions between chalcopyrite and pyrite and steel balls. Frontiers of Chemical Science and Engineering, 2013, 7, 464-471.	4.4	12
16	Optimizing and evaluating the operational factors affecting the cyanide leaching circuit of the Aghdareh gold processing plant using a CCD model. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20150681.	2.1	11
17	A comparative analysis of the dissolution kinetics of lead from low grade oxide ores in HCl, H2SO4, HNO3 and citric acid solutions. Metallurgical Research and Technology, 2017, 114, 406.	0.7	11
18	Galvanic Interaction between Chalcopyrite and Pyrite with Low Alloy and High Carbon Chromium Steel Ball. Journal of Chemistry, 2013, 2013, 1-9.	1.9	10

#	Article	IF	Citations
19	Modeling and prediction of wear rate of grinding media in mineral processing industry using multiple kernel support vector machine. SN Applied Sciences, 2020, 2, 1.	2.9	10
20	Optimization of Rougher Flotation Parameters of the Sarcheshmeh Copper Ore Using a Statistical Technique. Journal of Dispersion Science and Technology, 2015, 36, 1066-1072.	2.4	8
21	Investigating the controllable factors influencing the weight loss of grinding ball using SEM/EDX analysis and RSM model. Engineering Science and Technology, an International Journal, 2015, 18, 278-285.	3.2	8
22	Relative floatability as a criterion for evaluating the separation performance of phosphate from iron. International Journal of Mining Science and Technology, 2017, 27, 451-458.	10.3	8
23	Mechanochemical sulfidization of a mixed oxide-sulphide copper ore by co-grinding with sulfur and its effect on the flotation efficiency. Chinese Journal of Chemical Engineering, 2020, 28, 743-748.	3.5	8
24	Experimental and Kinetic Modeling Investigation of Copper Dissolution Process from an Iranian Mixed Oxide/Sulfide Copper Ore. Journal of Sustainable Metallurgy, 2020, 6, 437-450.	2.3	8
25	A comprehensive study of the leaching behavior and dissolution kinetics of copper oxide ore in sulfuric acid lixiviant. Scientia Iranica, 2018, .	0.4	8
26	Influence of collector dosage and pulp chemistry on copper flotation. Geosystem Engineering, 2014, 17, 311-316.	1.4	6
27	Leaching of copper and zinc from the tailings sample obtained from a porcelain stone mine: feasibility, modeling, and optimization. Environmental Science and Pollution Research, 2020, 27, 6239-6252.	5.3	6
28	An Investigation into the Extraction Behavior of Copper from Sulfate Leach Liquor Using Acorga M5640 Extractant: Mechanism, Equilibrium, and Thermodynamics. Mining, Metallurgy and Exploration, 2020, 37, 1673-1680.	0.8	6
29	Kinetic Investigation on Leaching of Copper from a Low-Grade Copper Oxide Deposit in Sulfuric Acid Solution: A Case Study of the Crushing Circuit Reject of a Copper Heap Leaching Plant. Journal of Sustainable Metallurgy, 2021, 7, 1154-1168.	2.3	6
30	Optimizing the alkaline oxidation pretreatment of a refractory gold ore using taguchi orthogonal array method. Materials Research Express, 2018, 5, 126516.	1.6	4
31	Recycling lead from a zinc plant residue (ZPR) using brine leaching and cementation with aluminum powder. Environmental Science and Pollution Research, 2021, 28, 42121-42134.	5.3	4
32	Modelling and simulation of the cyanidation process of Aghdareh gold ore using artificial neural network and multiple linear regression. International Journal of Mining and Mineral Engineering, 2016, 7, 139.	0.3	3
33	A Study on the Corrosive and Abrasive Wear of Grinding Media in Grinding of Minerals Using Fuzzy Analytical Hierarchy Delphi Method. Arabian Journal for Science and Engineering, 2014, 39, 3373-3382.	1.1	2
34	Solvent extraction and kinetic studies of copper from a heap leach liquor using CuPRO MEX-3302. Separation Science and Technology, 0, , 1-18.	2.5	2
35	An investigation into the recovery of oxide copper from a complex copper ore using sulphidisation technique and hydroxamate and potassium amyl xanthate collectors. Geosystem Engineering, 2020, 23, 43-50.	1.4	1