Asghar Azizi

List of Publications by Citations

35 papers	485 citations	11 h-index	21 g-index
35 ext. papers	583 ext. citations	3.2 avg, IF	4.65 L-index

#	Paper	IF	Citations
35	Fabrication and investigation of MnFe2O4/MWCNTs nanocomposite by hydrothermal technique and adsorption of cationic and anionic dyes. *Applied Surface Science*, **2017**, 419, 70-83	6.7	67
34	Adsorption of gold from cyanide leaching solution onto activated carbon originating from coconut shell: Optimization, kinetics and equilibrium studies. *Journal of Industrial and Engineering Chemistry*, **2017**, 54, 464-471	6.3	49
33	Alkaline leaching of lead and zinc by sodium hydroxide: kinetics modeling. *Journal of Materials Research and Technology*, **2018**, 7, 118-125	5.5	44
32	Investigating the first-order flotation kinetics models for Sarcheshmeh copper sulfide ore. *International Journal of Mining Science and Technology*, **2015**, 25, 849-854	7.1	36
31	Modeling and optimization of Direct Red 16 adsorption from aqueous solutions using nanocomposite of MnFe2O4/MWCNTs: RSM-CCRD model. *Journal of Molecular Liquids*, **2017**, 233, 370-377	6	34
30	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	3.3	32
29	Synthesis and characterization of manganese ferrite nanostructure by co-precipitation, sol-gel, and hydrothermal methods. *Particulate Science and Technology*, **2019**, 37, 904-910	2	29
28	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	6.8	25
27	Estimation of flotation rate constant and particle-bubble interactions considering key hydrodynamic parameters and their interrelations. *Minerals Engineering*, **2019**, 141, 105836	4.9	24
26	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	1.2	15
25	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	1.5	14
24	Galvanic Interaction between Chalcopyrite and Pyrite with Low Alloy and High Carbon Chromium Steel Ball. *Journal of Chemistry*, **2013**, 2013, 1-9	2.3	10
23	Parametric Optimization in Rougher Flotation Performance of a Sulfidized Mixed Copper Ore. *Minerals (Basel, Switzerland)*, **2020**, 10, 660	2.4	10
22	A study on the modified flotation parameters and selectivity index in copper flotation. *Particulate Science and Technology*, **2017**, 35, 38-44	2	9
21	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	2.7	8
20	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	4.5	8
19	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	0.9	8

18	Optimization of Rougher Flotation Parameters of the Sarcheshmeh Copper Ore Using a Statistical Technique. *Journal of Dispersion Science and Technology*, **2015**, 36, 1066-1072	1.5	8
17	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	2.4	7
16	Influence of collector dosage and pulp chemistry on copper flotation. *Geosystem Engineering*, **2014**, 17, 311-316	1.2	6
15	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	3.2	6
14	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	7.1	5
13	Investigating the controllable factors influencing the weight loss of grinding ball using SEM/EDX analysis and RSM model **2015**, 18, 278-285		5
12	A comprehensive study of the leaching behavior and dissolution kinetics of copper oxide ore in sulfuric acid lixiviant. *Scientia Iranica*, **2018**, 0-0	1.5	5
11	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	5.1	4
10	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	2.7	3
9	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	1.8	3
8	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		2
7	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	1.1	2
6	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	0.7	2
5	Optimizing the alkaline oxidation pretreatment of a refractory gold ore using taguchi orthogonal array method. *Materials Research Express*, **2018**, 5, 126516	1.7	2
4	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	1.2	1
3	Solvent extraction and kinetic studies of copper from a heap leach liquor using CuPRO MEX-3302. *Separation Science and Technology*,1-18	2.5	1
2	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	2.7	1
1	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	5.1	0