

Hamid Khoshdast

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

397
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization Techniques of Flotation Frothers - A Review. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2023, 44, 77-101.	5.0	11
2	Hybrid CFD-experimental investigation into the effect of sparger orifice size on the metallurgical response of coal in a pilot-scale flotation column. <i>International Journal of Coal Preparation and Utilization</i> , 2022, 42, 349-368.	2.1	8
3	Recent Developments in Generation, Detection and Application of Nanobubbles in Flotation. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 462.	2.0	19
4	Hybrid Serving of DOE and RNN-Based Methods to Optimize and Simulate a Copper Flotation Circuit. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 857.	2.0	2
5	Advanced Simulation of Removing Chromium from a Synthetic Wastewater by Rhamnolipidic Bioflotation Using Hybrid Neural Networks with Metaheuristic Algorithms. <i>Materials</i> , 2021, 14, 2880.	2.9	9
6	Applying hybrid genetic and artificial bee colony algorithms to simulate a bio-treatment of synthetic dye-polluted wastewater using a rhamnolipid biosurfactant. <i>Journal of Environmental Management</i> , 2021, 299, 113666.	7.8	9
7	Efficient cadmium removal from aqueous solutions using a sample coal waste activated by rhamnolipid biosurfactant. <i>Journal of Environmental Management</i> , 2019, 231, 1182-1192.	7.8	28
8	Modeling the effects of mechanical parameters on the hydrodynamic behavior of vertical current classifiers. <i>International Journal of Mining Science and Technology</i> , 2014, 24, 123-127.	10.3	10
9	Foaming Characterization of Sodium Dodecyl Sulfate (SDS) in Binary Mixed Aqueous Solutions. <i>International Journal of Scientific Research in Environmental Sciences</i> , 2014, 2, 410-420.	0.1	1
10	Removal of Cadmium(II) from Aqueous Solution by Ion Flotation Using Rhamnolipid Biosurfactant As an Ion Collector. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 3910-3917.	3.7	64
11	Frothability and surface behavior of a rhamnolipid biosurfactant produced by <i>Pseudomonas aeruginosa</i> MA01. <i>Biochemical Engineering Journal</i> , 2012, 60, 127-134.	3.6	45
12	The use of rhamnolipid biosurfactants as a frothing agent and a sample copper ore response. <i>Minerals Engineering</i> , 2012, 26, 41-49.	4.3	25
13	An Efficiency Evaluation of Iron Concentrates Flotation Using Rhamnolipid Biosurfactant as a Frothing Reagent. <i>Environmental Engineering Research</i> , 2012, 17, 9-15.	2.5	13
14	Effect of rhamnolipid biosurfactants on performance of coal and mineral flotation. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 1238-1243.	3.9	38
15	Flotation Frothers: Review of Their Classifications, Properties and Preparation. <i>The Open Mineral Processing Journal</i> , 2011, 4, 25-44.	0.5	71
16	Coal flotation using a biosurfactant from <i>Pseudomonas aeruginosa</i> as a frother. <i>Korean Journal of Chemical Engineering</i> , 2010, 27, 1527-1531.	2.7	34
17	Using artificial neural networks for the intelligent estimation of selectivity index and metallurgical responses of a sample coal bioflotation by rhamnolipid biosurfactants. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, 1-19.	2.3	10