

Hamid Khoshdast

List of Publications by Year in descending order

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17
papers

397
citations

933447

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h-index

940533

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17
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17
docs citations

17
times ranked

303
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Flotation Frothers: Review of Their Classifications, Properties and Preparation. <i>The Open Mineral Processing Journal</i> , 2011, 4, 25-44. | 0.5 | 71 |
| 2 | 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 |
| 3 | 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 |
| 4 | Effect of rhamnolipid biosurfactants on performance of coal and mineral flotation. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 1238-1243. | 3.9 | 38 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Recent Developments in Generation, Detection and Application of Nanobubbles in Flotation. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 462. | 2.0 | 19 |
| 9 | 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 |
| 10 | Characterization Techniques of Flotation Frothers - A Review. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2023, 44, 77-101. | 5.0 | 11 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |