

leming Ou

List of Publications by Year in descending order

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19
papers

290
citations

1040056

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all docs

19
docs citations

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times ranked

181
citing authors

#	ARTICLE	IF	CITATIONS
1	Aggregation of ultra-fine scheelite particles induced by hydrodynamic cavitation. International Journal of Mineral Processing, 2016, 157, 236-240.	2.6	73
2	Adsorption of bulk nanobubbles on the chemically surface-modified muscovite minerals. Ultrasonics Sonochemistry, 2019, 51, 31-39.	8.2	42
3	Flotation separation of chalcopyrite from talc using a new depressant carrageenan. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 603, 125274.	4.7	35
4	The role of bulk micro-nanobubbles in reagent desorption and potential implication in flotation separation of highly hydrophobized minerals. Ultrasonics Sonochemistry, 2020, 64, 104996.	8.2	24
5	A New Belt Ore Image Segmentation Method Based on the Convolutional Neural Network and the Image-Processing Technology. Minerals (Basel, Switzerland), 2020, 10, 1115.	2.0	18
6	Study on the depression mechanism of zinc sulfate on talc in chalcopyrite flotation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 619, 126474.	4.7	18
7	Flotation of cassiterite using alkyl hydroxamates with different carbon chain lengths: A theoretical and experimental study. Minerals Engineering, 2021, 170, 107025.	4.3	15
8	Mechanism insights into the hydrated Al ion adsorption on talc (001) basal surface: A DFT study. Surfaces and Interfaces, 2022, 30, 101973.	3.0	11
9	Recovery Enhancement of Ultrafine Wolframite through Hydrophobic Flocc Magnetic Separation. Mineral Processing and Extractive Metallurgy Review, 2017, 38, 298-303.	5.0	10
10	Effects of Sodium Alginate on the Flotation Separation of Molybdenite From Chalcopyrite Using Kerosene as Collector. Frontiers in Chemistry, 2020, 8, 242.	3.6	10
11	Flotation Separation of Diaspore and Kaolinite by Using a Mixed Collector of Sodium Oleate-Tert Dodecyl Mercaptan. Frontiers in Chemistry, 2019, 7, 813.	3.6	8
12	The Effect of Quartz on the Flotation of Fine Wolframite with Octyl Hydroxamic Acid. Minerals (Basel, Switzerland), 2017, 7, 186.	2.0	6
13	Comparison of the Effects of Sodium Oleate and Benzohydroxamic Acid on Fine Scheelite and Cassiterite Hydrophobic Flocculation. Minerals (Basel, Switzerland), 2022, 12, 687.	2.0	6
14	Flotation Separation of Chalcopyrite and Talc Using Calcium Ions and Calcium Lignosulfonate as a Combined Depressant. Metals, 2021, 11, 651.	2.3	4
15	Enhanced Bauxite Recovery Using a Flotation Column Packed with Multilayers of Medium. Minerals (Basel, Switzerland), 2020, 10, 594.	2.0	3
16	Physical Properties and Hydration of Cementitious Materials Prepared from Vanadium Slag and Phosphate Slag. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 1459-1464.	1.0	2
17	Fine Bauxite Recovery Using a Plate-Packed Flotation Column. Metals, 2020, 10, 1184.	2.3	2
18	Effects and Mechanism of Fe ³⁺ on Flotation Separation of Feldspar and Epidote with Sodium Oleate at Natural pH. Separations, 2022, 9, 110.	2.4	2

#	ARTICLE	IF	CITATIONS
19	THE FLOTATION SEPARATION OF CHALCOPYRITE-PYRITE IN THE PRESENCE OF SODIUM HUMATE. , 2004, , .		1