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List of Publications by Year
in descending order

19	290	1040056	888059
papers	citations	9	17
		h-index	g-index

19	19	19	181
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Effects and Mechanism of Fe3+ on Flotation Separation of Feldspar and Epidote with Sodium Oleate at Natural pH. Separations, 2022, 9, 110.	2.4	2
3	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
4	Flotation Separation of Chalcopyrite and Talc Using Calcium Ions and Calcium Lignosulfonate as a Combined Depressant. Metals, 2021, 11, 651.	2.3	4
5	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
6	Flotation of cassiterite using alkyl hydroxamates with different carbon chain lengths: A theoretical and experimental study. Minerals Engineering, 2021, 170, 107025.	4.3	15
7	Fine Bauxite Recovery Using a Plate-Packed Flotation Column. Metals, 2020, 10, 1184.	2.3	2
8	Enhanced Bauxite Recovery Using a Flotation Column Packed with Multilayers of Medium. Minerals (Basel, Switzerland), 2020, 10, 594.	2.0	3
9	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
10	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
11	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
12	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
13	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
14	Adsorption of bulk nanobubbles on the chemically surface-modified muscovite minerals. Ultrasonics Sonochemistry, 2019, 51, 31-39.	8.2	42
15	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
16	Recovery Enhancement of Ultrafine Wolframite through Hydrophobic Flocs Magnetic Separation. Mineral Processing and Extractive Metallurgy Review, 2017, 38, 298-303.	5.0	10
17	The Effect of Quartz on the Flotation of Fine Wolframite with Octyl Hydroxamic Acid. Minerals (Basel, Switzerland), 2017, 7, 186.	2.0	6
18	Aggregation of ultra-fine scheelite particles induced by hydrodynamic cavitation. International Journal of Mineral Processing, 2016, 157, 236-240.	2.6	73

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