Xingjie Wang

List of Publications by Year
in descending order

10	271	1163117 8	1372567 10
papers	citations	h-index	g-index

10	10	10	262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Co-culture microorganisms with different initial proportions reveal the mechanism of chalcopyrite bioleaching coupling with microbial community succession. Bioresource Technology, 2017, 223, 121-130.	9.6	64
2	Electrochemical characteristics and collectorless flotation behavior of galena: With and without the presence of pyrite. Minerals Engineering, 2015, 74, 99-104.	4.3	44
3	Effect of surface oxidation on the flotation separation of chalcopyrite and galena using sodium humate as depressant. Separation Science and Technology, 2018, 53, 961-972.	2.5	38
4	Intensified bioleaching of chalcopyrite by communities with enriched ferrous or sulfur oxidizers. Bioresource Technology, 2018, 268, 415-423.	9.6	37
5	Effective bioleaching of low-grade copper ores: Insights from microbial cross experiments. Bioresource Technology, 2020, 308, 123273.	9.6	35
6	Mixed Potential Plays a Key Role in Leaching of Chalcopyrite: Experimental and Theoretical Analysis. Industrial & Engineering Chemistry Research, 2018, 57, 1733-1744.	3.7	17
7	The influence of galvanic interaction on the dissolution and surface composition of galena and pyrite in flotation system. Minerals Engineering, 2020, 156, 106525.	4.3	17
8	Differential fluoride tolerance between sulfur- and ferrous iron-grown Acidithiobacillus ferrooxidans and its mechanism analysis. Biochemical Engineering Journal, 2017, 119, 59-66.	3.6	11
9	The detoxification potential of ferric ions for bioleaching of the chalcopyrite associated with fluoride-bearing gangue mineral. Applied Microbiology and Biotechnology, 2019, 103, 2403-2412.	3.6	5
10	Phase Transformation and Dissolution Behavior of Pyrite in the Roasting-Sulfuric Acid Leaching Process of Vanadium-Bearing Stone Coal. Minerals (Basel, Switzerland), 2020, 10, 526.	2.0	3