

Xinyang Wang

List of Publications by Year in descending order

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papers

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citations

1162889
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130
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilization of novel surfactant N-dodecyl-isopropanolamine as collector for efficient separation of quartz from hematite. <i>Separation and Purification Technology</i> , 2016, 162, 188-194.	3.9	66
2	Effect of secondary amino on the adsorption of N-Dodecylethylenediamine on quartz surface: A molecular dynamics study. <i>Powder Technology</i> , 2019, 351, 46-53.	2.1	29
3	Preparation of a novel bis hydroxamic collector and its impact on bastnaesite flotation. <i>Minerals Engineering</i> , 2020, 156, 106496.	1.8	29
4	Modeling Gas-Liquid Interfaces by Dissipative Particle Dynamics: Adsorption and Surface Tension of Cetyl Trimethyl Ammonium Bromide at the Air-Water Interface. <i>Langmuir</i> , 2020, 36, 14686-14698.	1.6	28
5	Stability of diethyl dithiocarbamate chelates with Cu(II), Zn(II) and Mn(II). <i>Journal of Molecular Structure</i> , 2019, 1184, 375-381.	1.8	22
6	Quantitative structure-activity relationship between the toxicity of amine surfactant and its molecular structure. <i>Science of the Total Environment</i> , 2020, 702, 134593.	3.9	22
7	Flotation performance and selective adsorption mechanism of novel hydroxamic acid on the separation of fluorite from barite. <i>Minerals Engineering</i> , 2021, 171, 107101.	1.8	14
8	Design and selection of flotation collectors for zinc oxide minerals based on bond valence model. <i>Minerals Engineering</i> , 2021, 160, 106681.	1.8	13
9	Study on quantitative structure-biodegradability relationships of amine collectors by GFA-ANN method. <i>Journal of Hazardous Materials</i> , 2021, 415, 125628.	6.5	6