

Shangyong Lin

List of Publications by Year in descending order

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34
papers

1,195
citations

516710

16
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377865

34
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all docs

34
docs citations

34
times ranked

1056
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on in situ phytoremediation of mine tailings. <i>Chemosphere</i> , 2017, 184, 594-600.	8.2	370
2	An extensive review on restoration technologies for mining tailings. <i>Environmental Science and Pollution Research</i> , 2018, 25, 33911-33925.	5.3	80
3	Efficient removal of Pb(II) ions from aqueous solution by modified red mud. <i>Journal of Hazardous Materials</i> , 2021, 406, 124678.	12.4	68
4	Application of Red Mud in Wastewater Treatment. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 281.	2.0	57
5	The utilization of waste by-products for removing silicate from mineral processing wastewater via chemical precipitation. <i>Water Research</i> , 2017, 125, 318-324.	11.3	53
6	Comparison of the reduction of chemical oxygen demand in wastewater from mineral processing using the coagulation-flocculation, adsorption and Fenton processes. <i>Minerals Engineering</i> , 2018, 128, 275-283.	4.3	51
7	Efficient utilisation of flue gas desulfurization gypsum as a potential material for fluoride removal. <i>Science of the Total Environment</i> , 2019, 649, 344-352.	8.0	48
8	Adsorption Mechanism of 4-Amino-5-mercapto-1,2,4-triazole as Flotation Reagent on Chalcopyrite. <i>Langmuir</i> , 2018, 34, 4071-4083.	3.5	45
9	Minimizing beneficiation wastewater through internal reuse of process water in flotation circuit. <i>Journal of Cleaner Production</i> , 2020, 245, 118898.	9.3	39
10	Propyl gallate: A novel collector for flotation separation of fluorite from calcite. <i>Chemical Engineering Science</i> , 2019, 193, 255-263.	3.8	32
11	Magnetic separation of phosphate contaminants from starch wastewater using magnetic seeding. <i>Science of the Total Environment</i> , 2019, 695, 133723.	8.0	27
12	A novel scheme for the utilization of Cu slag flotation tailings in preparing internal electrolysis materials to degrade printing and dyeing wastewater. <i>Journal of Hazardous Materials</i> , 2022, 424, 127537.	12.4	25
13	Combined inhibitory effect of calcium hypochlorite and dextrin on flotation behavior of pyrite and galena sulphides. <i>Minerals Engineering</i> , 2020, 150, 106274.	4.3	24
14	Synergetic Effect of the Mixed Anionic/Non-Ionic Collectors in Low Temperature Flotation of Scheelite. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 87.	2.0	22
15	Oxidative Depression of Arsenopyrite by Using Calcium Hypochlorite and Sodium Humate. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 463.	2.0	21
16	A novel scheme for flotation tailings pulp settlement and chemical oxygen demand reduction with polyferric sulfate. <i>Journal of Cleaner Production</i> , 2019, 241, 118371.	9.3	21
17	Utilization of Sodium Hexametaphosphate for Separating Scheelite from Calcite and Fluorite Using an Anionic-Nonionic Collector. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 705.	2.0	18
18	Optimize flotation process of Mo-Bi sulfide ore for cleaner production. <i>Journal of Cleaner Production</i> , 2021, 291, 125236.	9.3	16

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19	pH effects on adsorption behavior and self-aggregation of dodecylamine at muscovite/aqueous interfaces. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 67, 62-68.	2.4	15
20	Effect of H ₂ O ₂ on the Separation of Mo-Bi-Containing Ore by Flotation. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 402.	2.0	15
21	Purification of starch and phosphorus wastewater using core-shell magnetic seeds prepared by sulfated roasting. <i>Journal of Environmental Sciences</i> , 2019, 81, 4-16.	6.1	15
22	Clean desulfurization of sulfur-rich tungsten concentrates by reverse flotation. <i>Journal of Cleaner Production</i> , 2020, 244, 118876.	9.3	15
23	Surface characterization of molybdenite, bismuthinite, and pyrite to identify the influence of pH on the mineral floatability. <i>Applied Surface Science</i> , 2022, 577, 151756.	6.1	15
24	New Insights into the Role of Pb-BHA Complexes in the Flotation of Tungsten Minerals. <i>Jom</i> , 2017, 69, 2345-2351.	1.9	14
25	Fundamental Flotation Behaviors of Chalcopyrite and Galena Using O-Isopropyl-N-Ethyl Thionocarbamate as a Collector. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 115.	2.0	13
26	Depression behavior and mechanism of pyrogallol on bismuthinite flotation. <i>Journal of Cleaner Production</i> , 2021, 281, 125322.	9.3	13
27	Dealkalization of Bauxite Residue Through Acid Neutralization and Its Revegetation Potential. <i>Jom</i> , 2020, 72, 319-325.	1.9	12
28	Pyrogallic acid: A novel depressant for bismuthinite in Mo-Bi sulfide ore flotation. <i>Minerals Engineering</i> , 2019, 131, 237-240.	4.3	11
29	A new combined collector for flotation separation of ilmenite from titanite in acidic pulp. <i>Separation and Purification Technology</i> , 2021, 278, 119647.	7.9	11
30	Computational insights into the adsorption mechanism of gallic acid-bearing reagents on calcium-bearing mineral surfaces. <i>Minerals Engineering</i> , 2020, 156, 106485.	4.3	9
31	Utilization of Ammonium Chloride as a Novel Selective Depressant in Reverse Flotation of Potassium Chloride. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 41.	2.0	7
32	Significant Improvement in the Scheelite Heating Flotation with Sodium Sulfide. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 10.	2.0	6
33	Depression Mechanism of Sodium Sulfide in Flotation Separation of Molybdenite and Bismuthinite. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2022, 43, 739-746.	5.0	4
34	Effect of Chain Length Compatibility of Alcohols on Muscovite Flotation by Dodecyl Amine. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 168.	2.0	3