

Maoyou Ye

List of Publications by Year in descending order

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24
papers

690
citations

623574

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24
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of metals from lead-zinc mine tailings using bioleaching and followed by sulfide precipitation. <i>Chemosphere</i> , 2017, 185, 1189-1196.	4.2	108
2	Bioleaching combined brine leaching of heavy metals from lead-zinc mine tailings: Transformations during the leaching process. <i>Chemosphere</i> , 2017, 168, 1115-1125.	4.2	73
3	A highly efficient conditioning process to improve sludge dewaterability by combining calcium hypochlorite oxidation, ferric coagulant re-flocculation, and walnut shell skeleton construction. <i>Chemical Engineering Journal</i> , 2019, 361, 1462-1478.	6.6	72
4	Improving sewage sludge dewaterability with rapid and cost-effective in-situ generation of Fe ²⁺ combined with oxidants. <i>Chemical Engineering Journal</i> , 2020, 380, 122499.	6.6	59
5	Bioleaching for detoxification of waste flotation tailings: Relationship between EPS substances and bioleaching behavior. <i>Journal of Environmental Management</i> , 2021, 279, 111795.	3.8	43
6	Evaluation of the dewaterability, heavy metal toxicity and phytotoxicity of sewage sludge in different advanced oxidation processes. <i>Journal of Cleaner Production</i> , 2020, 265, 121839.	4.6	36
7	Oxidation of potassium n-butyl xanthate with ozone: Products and pathways. <i>Journal of Cleaner Production</i> , 2016, 139, 287-294.	4.6	31
8	Removal performances and mechanisms of action towards ethylenediaminetetraacetic acid nickel (II) salt by dithiocarbamate compounds having different carbon chain lengths. <i>Journal of Cleaner Production</i> , 2016, 122, 308-314.	4.6	28
9	A new strategy on biomining of low grade base-metal sulfide tailings. <i>Bioresource Technology</i> , 2019, 294, 122187.	4.8	28
10	Mechanism of zero valent iron and anaerobic mesophilic digestion combined with hydrogen peroxide pretreatment to enhance sludge dewaterability: Relationship between soluble EPS and rheological behavior. <i>Chemosphere</i> , 2020, 247, 125859.	4.2	28
11	High-level waste activated sludge dewaterability using Fenton-like process based on pretreated zero valent scrap iron as an in-situ cycle iron donator. <i>Journal of Hazardous Materials</i> , 2020, 391, 122219.	6.5	27
12	Simultaneous recovery of valuable metal ions and tailings toxicity reduction using a mixed culture bioleaching process. <i>Journal of Cleaner Production</i> , 2021, 316, 128319.	4.6	26
13	Production of lead concentrate from bioleached residue tailings by brine leaching followed by sulfide precipitation. <i>Separation and Purification Technology</i> , 2017, 183, 366-372.	3.9	21
14	Advanced treatment of dye wastewater using a novel integrative Fenton-like/MnO ₂ -filled upward flow biological filter bed system equipped with modified ceramsite. <i>Environmental Research</i> , 2021, 194, 110641.	3.7	17
15	Dewaterability improvement and environmental risk mitigation of waste activated sludge using peroxymonosulfate activated by zero-valent metals: Fe ⁰ vs. Al ⁰ . <i>Chemosphere</i> , 2021, 280, 130686.	4.2	15
16	Synthesis of magnetic dithiocarbamate chelating resin and its absorption behavior for ethylenediaminetetraacetic acid copper. <i>Chemical Engineering Research and Design</i> , 2019, 123, 130-139.	2.7	13
17	The effect of additives on migration and transformation of gaseous pollutants in the vacuum pyrolysis process of waste printed circuit boards. <i>Waste Management and Research</i> , 2017, 35, 190-199.	2.2	12
18	Novel insight into sludge dewaterability mechanism using polymeric aluminium ferric chloride and anaerobic mesophilic digestion treatment under ultrahigh pressure condition. <i>Separation and Purification Technology</i> , 2020, 234, 116137.	3.9	11

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19	Feasibility of reduced iron species for promoting Li and Co recovery from spent LiCoO ₂ batteries using a mixed-culture bioleaching process. <i>Science of the Total Environment</i> , 2022, 830, 154577.	3.9	11
20	Disodium N,N-bis-(dithiocarboxy)ethanediamine: synthesis, performance, and mechanism of action toward trace ethylenediaminetetraacetic acid copper (II). <i>Environmental Science and Pollution Research</i> , 2016, 23, 19696-19706.	2.7	9
21	Efficiently combined technology of precipitation, bipolar membrane electrodialysis, and adsorption for salt-containing soil washing wastewater treatment. <i>Chemical Engineering Research and Design</i> , 2022, 165, 205-216.	2.7	9
22	Optimization of kinetics and operating parameters for the bioleaching of heavy metals from sewage sludge, using co-inoculation of two <i>Acidithiobacillus</i> species. <i>Water Science and Technology</i> , 2018, 2017, 390-403.	1.2	7
23	A designed moderately thermophilic consortia with a better performance for leaching high grade fine lead-zinc sulfide ore. <i>Journal of Environmental Management</i> , 2022, 303, 114192.	3.8	4
24	A high-efficiency process for the separation of chromium and aluminum from waste aluminum sludge with a high chromium content using a combined oxidation and dispersion process. <i>Separation and Purification Technology</i> , 2021, 258, 118083.	3.9	2