

Xuekai Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Preparation of Battery-Grade FePO ₄ ·2H ₂ O Using the Stripping Solution Generated from Resource Recycling of Bauxite Residue. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 109, 86-94.	2.7	3
2	Aluminum separation by sulfuric acid leaching-solvent extraction from Al-bearing LiFePO ₄ /C powder for recycling of Fe/P. <i>Waste Management</i> , 2022, 144, 303-312.	7.4	27
3	Stripping of Fe(III) from Aliquat 336 by NaH ₂ PO ₄ : implication for rare-earth elements recovery from red mud. <i>Separation Science and Technology</i> , 2021, 56, 301-309.	2.5	12
4	Separation and recovery of scandium and titanium from red mud leaching liquor through a neutralization precipitation-acid leaching approach. <i>Journal of Rare Earths</i> , 2021, 39, 1126-1132.	4.8	25
5	Separation and recovery of arsenic from As, Cu, and Zn rich leaching liquor using a reduction-crystallization approach. <i>RSC Advances</i> , 2021, 11, 22426-22432.	3.6	1
6	Separation of As and Bi and enrichment of As, Cu, and Zn from copper dust using an oxidation-leaching approach. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 125-131.	3.5	9
7	Application of recycled ferric chloride for alkalinity regulation of bauxite residue. <i>Journal of Cleaner Production</i> , 2021, 305, 127174.	9.3	8
8	Unveiling the degradation of membrane concentrated landfill leachate during enhanced photocatalysis using spectroscopic approaches. <i>Journal of Water Process Engineering</i> , 2021, 43, 102220.	5.6	5
9	Selective separation of copper and zinc from high acid leaching solution of copper dust using a sulfide precipitation-pickling approach. <i>Chemical Engineering Research and Design</i> , 2021, 156, 100-108.	5.6	6
10	Arsenic removal from highly-acidic wastewater with high arsenic content by copper-chloride synergistic reduction. <i>Chemosphere</i> , 2020, 238, 124675.	8.2	30
11	Separation and recovery of iron and scandium from acid leaching solution of red mud using D201 resin. <i>Journal of Rare Earths</i> , 2020, 38, 1322-1329.	4.8	30
12	Integration of resource recycling with de-alkalization for bauxite residue treatment. <i>Hydrometallurgy</i> , 2020, 192, 105263.	4.3	8
13	Selective Removal of Iron from Acid Leachate of Red Mud by Aliquat 336. <i>Jom</i> , 2019, 71, 4608-4615.	1.9	12
14	Reductive removal of arsenic from waste acid containing high-acidity and arsenic levels through iodide and copper powder synergy. <i>Chemical Engineering Journal</i> , 2019, 373, 23-30.	12.7	28
15	Removal of Zn(II) from manganese-zinc chloride waste liquor using ion-exchange with D201 resin. <i>Hydrometallurgy</i> , 2019, 190, 105171.	4.3	15
16	Enhanced selective leaching of scandium from red mud. <i>Hydrometallurgy</i> , 2018, 182, 57-63.	4.3	60