

Kanggen Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

472
citations

759233

12
h-index

713466

21
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26
all docs

26
docs citations

26
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic response of soil organic matter in mining area to Pb/Cd heavy metal interaction: A mirror of coherent structural variation. <i>Journal of Hazardous Materials</i> , 2020, 393, 122425.	12.4	45
2	Recovery of iron and rare earth elements from red mud through an acid leaching-stepwise extraction approach. <i>Journal of Central South University</i> , 2019, 26, 458-466.	3.0	44
3	Granular tri-metal oxide adsorbent for fluoride uptake: Adsorption kinetic and equilibrium studies. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 947-955.	9.4	43
4	Development of Mg-Al-La tri-metal mixed oxide entrapped in alginate for removal of fluoride from wastewater. <i>RSC Advances</i> , 2017, 7, 31221-31229.	3.6	33
5	A pilot-scale study of cryolite precipitation from high fluoride-containing wastewater in a reaction-separation integrated reactor. <i>Journal of Environmental Sciences</i> , 2013, 25, 1331-1337.	6.1	30
6	Arsenic removal from highly-acidic wastewater with high arsenic content by copper-chloride synergistic reduction. <i>Chemosphere</i> , 2020, 238, 124675.	8.2	30
7	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
8	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
9	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
10	Sequential extraction of tungsten from scheelite through roasting and alkaline leaching. <i>Minerals Engineering</i> , 2019, 132, 238-244.	4.3	24
11	Removal of ammonia from aqueous solutions by ligand exchange onto a Cu(II)-loaded chelating resin: kinetics, equilibrium and thermodynamics. <i>RSC Advances</i> , 2017, 7, 12812-12823.	3.6	16
12	Removal of ammonia-nitrogen in wastewater using a novel poly ligand exchanger-Zn(II)-loaded chelating resin. <i>Water Science and Technology</i> , 2019, 79, 126-136.	2.5	16
13	Effect of competing ions and causticization on the ammonia adsorption by a novel poly ligand exchanger (PLE) ammonia adsorption reagent. <i>Water Science and Technology</i> , 2017, 75, 1294-1308.	2.5	14
14	Selective Removal of Iron from Acid Leachate of Red Mud by Aliquat 336. <i>Jom</i> , 2019, 71, 4608-4615.	1.9	12
15	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
16	Removal of ammonia from a smelting wastewater by cyclic stripping and acid adsorption: Kinetics study. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, 13159.	2.3	10
17	Kinetics of Roasting Reaction Between Synthetic Scheelite and Magnesium Chloride. <i>Jom</i> , 2019, 71, 2827-2833.	1.9	10
18	Adsorption of fluoride by the calcium alginate embedded with Mg-Al-Ce trimetal oxides. <i>Korean Journal of Chemical Engineering</i> , 2018, 35, 1636-1641.	2.7	8

#	ARTICLE	IF	CITATIONS
19	Integration of resource recycling with de-alkalization for bauxite residue treatment. Hydrometallurgy, 2020, 192, 105263.	4.3	8
20	Application of recycled ferric chloride for alkalinity regulation of bauxite residue. Journal of Cleaner Production, 2021, 305, 127174.	9.3	8
21	A novel poly ligand exchanger Cu(II)-loaded chelating resin for the removal of ammonia-nitrogen in aqueous solutions. Environmental Technology (United Kingdom), 2017, 38, 1-11.	2.2	7
22	Recovery of gallic acid from gallic acid processing wastewater. Environmental Technology (United Kingdom), 2017, 38, 1-11.	2.2	6
23	Rapid Leaching of Synthetic Scheelite by a Resin-in-Pulp Process. Jom, 2018, 70, 2846-2855.	1.9	5
24	Preparation and characterization of nitrogen-doped titanium dioxides. Science in China Series B: Chemistry, 2007, 50, 212-216.	0.8	4
25	Preparation of Battery-Grade FePO ₄ ·2H ₂ O Using the Stripping Solution Generated from Resource Recycling of Bauxite Residue. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 86-94.	2.7	3
26	Biological nutrient removal of gallic acid processing wastewater by combined expanded granular sludge bed and bio-contact oxidation under mesophilic conditions. Desalination and Water Treatment, 2016, 57, 6894-6900.	1.0	1