Kanggen Zhou

List of Publications by Year
in descending order

26 papers	472 citations	759233 12 h-index	713466 21 g-index
26 all docs	26 docs citations	26 times ranked	463 citing authors

#	Article	IF	Citations
1	Preparation of Battery-Grade FePO4Â·2H2O Using the Stripping Solution Generated from Resource Recycling of Bauxite Residue. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 86-94.	2.7	3
2	Stripping of Fe(III) from Aliquat 336 by NaH₂PO₄: implication for rare-earth elements recovery from red mud. Separation Science and Technology, 2021, 56, 301-309.	2.5	12
3	Separation and recovery of scandium and titanium from red mud leaching liquor through a neutralization precipitation-acid leaching approach. Journal of Rare Earths, 2021, 39, 1126-1132.	4.8	25
4	Application of recycled ferric chloride for alkalinity regulation of bauxite residue. Journal of Cleaner Production, 2021, 305, 127174.	9.3	8
5	Arsenic removal from highly-acidic wastewater with high arsenic content by copper-chloride synergistic reduction. Chemosphere, 2020, 238, 124675.	8.2	30
6	Separation and recovery of iron and scandium from acid leaching solution of red mud using D201 resin. Journal of Rare Earths, 2020, 38, 1322-1329.	4.8	30
7	Spectroscopic response of soil organic matter in mining area to Pb/Cd heavy metal interaction: A mirror of coherent structural variation. Journal of Hazardous Materials, 2020, 393, 122425.	12.4	45
8	Integration of resource recycling with de-alkalization for bauxite residue treatment. Hydrometallurgy, 2020, 192, 105263.	4.3	8
9	Selective Removal of Iron from Acid Leachate of Red Mud by Aliquat 336. Jom, 2019, 71, 4608-4615.	1.9	12
10	Removal of ammonia from a smelting wastewater by cyclic stripping and acid adsorption: Kinetics study. Environmental Progress and Sustainable Energy, 2019, 38, 13159.	2.3	10
11	Kinetics of Roasting Reaction Between Synthetic Scheelite and Magnesium Chloride. Jom, 2019, 71, 2827-2833.	1.9	10
12	Reductive removal of arsenic from waste acid containing high-acidity and arsenic levels through iodide and copper powder synergy. Chemical Engineering Journal, 2019, 373, 23-30.	12.7	28
13	Recovery of iron and rare earth elements from red mud through an acid leaching-stepwise extraction approach. Journal of Central South University, 2019, 26, 458-466.	3.0	44
14	Removal of ammonia-nitrogen in wastewater using a novel poly ligand exchanger-Zn(II)-loaded chelating resin. Water Science and Technology, 2019, 79, 126-136.	2.5	16
15	Sequential extraction of tungsten from scheelite through roasting and alkaline leaching. Minerals Engineering, 2019, 132, 238-244.	4.3	24
16	Rapid Leaching of Synthetic Scheelite by a Resin-in-Pulp Process. Jom, 2018, 70, 2846-2855.	1.9	5
17	Adsorption of fluoride by the calcium alginate embedded with Mg-Al-Ce trimetal oxides. Korean Journal of Chemical Engineering, 2018, 35, 1636-1641.	2.7	8
18	Removal of ammonia from aqueous solutions by ligand exchange onto a Cu(ii)-loaded chelating resin: kinetics, equilibrium and thermodynamics. RSC Advances, 2017, 7, 12812-12823.	3.6	16

#	Article	IF	Citations
19	Granular tri-metal oxide adsorbent for fluoride uptake: Adsorption kinetic and equilibrium studies. Journal of Colloid and Interface Science, 2017, 505, 947-955.	9.4	43
20	Effect of competing ions and causticization on the ammonia adsorption by a novel poly ligand exchanger (PLE) ammonia adsorption reagent. Water Science and Technology, 2017, 75, 1294-1308.	2.5	14
21	A novel poly ligand exchanger â€“ 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	Development of Mgâ€“Alâ€“La tri-metal mixed oxide entrapped in alginate for removal of fluoride from wastewater. RSC Advances, 2017, 7, 31221-31229.	3.6	33
23	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
24	Recovery of gallic acid from gallic acid processing wastewater. Environmental Technology (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	6
25	A pilot-scale study of cryolite precipitation from high fluoride-containing wastewater in a reaction-separation integrated reactor. Journal of Environmental Sciences, 2013, 25, 1331-1337.	6.1	30
26	Preparation and characterization of nitrogen-doped titanium dioxides. Science in China Series B: Chemistry, 2007, 50, 212-216.	0.8	4