

Ya-li Feng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

357
citations

12
h-index

16
g-index

50
ext. papers

526
ext. citations

4
avg, IF

4.04
L-index

#	Paper	IF	Citations
47	Separation of Cu, Co, Ni and Mn from acid leaching solution of ocean cobalt-rich crust using precipitation with Na ₂ S and solvent extraction with N235. <i>Korean Journal of Chemical Engineering</i> , 2022 , 39, 706	2.8	0
46	Efficient Separation and Recovery of Vanadium, Titanium, Iron, Magnesium, and Synthesizing Anhydrite from Steel Slag. <i>Mining, Metallurgy and Exploration</i> , 2022 , 39, 733	1.1	0
45	Efficient recovery of Ti, Fe and Mn based on the synergistic effect of acidic titanium dioxide wastewater and pyrolusite. <i>Journal of Water Process Engineering</i> , 2022 , 45, 102484	6.7	
44	Efficient Extraction of Manganese from Low-Grade Pyrolusite by a Sawdust Pyrolysis Reduction Roasting-Acid Leaching Process. <i>Jom</i> , 2022 , 74, 1978	2.1	0
43	Microbial pretreatment of microfine-grained low-grade zinnwaldite tailings for enhanced flotation to recover lithium and rubidium resources. <i>Minerals Engineering</i> , 2022 , 181, 107503	4.9	1
42	A Novel Approach for Separation and Recovery of Titanium, Scandium, Iron from Acidic Wastewater and Red Gypsum Utilization. <i>Mining, Metallurgy and Exploration</i> , 2022 , 39, 1297	1.1	0
41	Effect of anionic groups on the antibacterial activity of magnesium oxide nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 635, 127978	5.1	1
40	Investigation of Bubble Behavior in Gas-Solid Fluidized Beds with Different Gas Distributors. <i>Chemical Engineering and Technology</i> , 2021 , 44, 723-731	2	0
39	Efficient separation of vanadium, titanium, and iron from vanadium-bearing titanomagnetite by pressurized pyrolysis of ammonium chloride-acid leaching-solvent extraction process. <i>Separation and Purification Technology</i> , 2021 , 255, 117169	8.3	6
38	Adsorption-photocatalytic degradation and kinetic of sodium isobutyl xanthate using the nitrogen and cerium co-doping TiO ₂ -coated activated carbon. <i>Chemosphere</i> , 2021 , 263, 128254	8.4	15
37	Effect of sodium carbonate on alkaline self-leaching of gold from flotation gold ore. <i>Separation and Purification Technology</i> , 2021 , 256, 117499	8.3	0
36	Application of titanium phosphate prepared from acidic titanium dioxide wastewater to remove cerium (III) in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 630, 127613	5.1	3
35	An eco-friendly approach for NaCl recovery from organic pollutants-containing waste salt by roasting together with low-grade pyrolusite. <i>Environmental Technology and Innovation</i> , 2021 , 24, 101903 ⁷		1
34	Separation and recovery of V, Ti, Fe and Ca from acidic wastewater and vanadium-bearing steel slag based on a collaborative utilization process. <i>Separation and Purification Technology</i> , 2021 , 276, 119335	8.3	3
33	Separation of V (V) and Mo (VI) in roasting-water leaching solution of spent hydrodesulfurization catalyst by co-extraction using P507 - N235 extractant. <i>Separation and Purification Technology</i> , 2020 , 248, 117135	8.3	11
32	Recovery of vanadium from acid leaching solutions of spent oil hydrotreating catalyst using solvent extraction with D2EHPA (P204). <i>Hydrometallurgy</i> , 2020 , 195, 105404	4	17
31	Co-recovery of manganese from pyrolusite and gold from carbonaceous gold ore using fluidized roasting coupling technology. <i>Chemical Engineering and Processing: Process Intensification</i> , 2020 , 147, 107742	3.7	6

30	Fabrication of AgPO/TiO ₂ @molecular sieve (MS) ternary composites with remarkably enhanced visible light-responded photocatalytic activity and mechanism insight. <i>Environmental Research</i> , 2020 , 190, 109984	7.9	11
29	Removal of chemical oxygen demand (COD) and heavy metals by catalytic ozonation-microbial fuel cell and <i>Acidithiobacillus ferrooxidans</i> leaching in flotation wastewater (FW). <i>Water Science and Technology</i> , 2019 , 79, 2328-2336	2.2	3
28	Electrochemical Behavior of Manganese Oxide Ores Using Coke Wastewater in Sulfuric Acid Solution. <i>Environmental Progress and Sustainable Energy</i> , 2019 , 38, e13039	2.5	1
27	Effect of iron transformation on <i>Acidithiobacillus ferrooxidans</i> bio-leaching of clay vanadium residue. <i>Journal of Central South University</i> , 2019 , 26, 796-805	2.1	5
26	Electrochemical Behavior of Ocean Polymetallic Nodules and Low-Grade Nickel Sulfide Ore in <i>Acidithiobacillus Ferrooxidans</i> -Coupled Bio-Leaching. <i>Minerals (Basel, Switzerland)</i> , 2019 , 9, 70	2.4	5
25	The separation of gold and vanadium in carbonaceous gold ore by one-step roasting method. <i>Powder Technology</i> , 2019 , 355, 191-200	5.2	11
24	Red gypsum utilization and acidic wastewater treatment based on metal self-enrichment process. <i>Science of the Total Environment</i> , 2019 , 691, 9-15	10.2	7
23	The role of glycine in the ammonium thiocyanate leaching of gold. <i>Hydrometallurgy</i> , 2019 , 185, 111-116	4	11
22	2,4,6-TCP removal mechanism in the process of leaching manganese. <i>Separation Science and Technology</i> , 2019 , 54, 3135-3144	2.5	
21	Effects of silicate-bacteria pretreatment on desilicization of magnesite by reverse flotation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 544, 60-67	5.1	22
20	Adsorption properties of <i>Pseudomonas monteilii</i> for removal of uranium from aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018 , 315, 243-250	1.5	3
19	Co-metabolism kinetics and electrogenesis change during cyanide degradation in a microbial fuel cell.. <i>RSC Advances</i> , 2018 , 8, 40407-40416	3.7	4
18	Preparation of sodium manganate from low-grade pyrolusite by alkaline predesilication fluidized roasting technique. <i>Transactions of Nonferrous Metals Society of China</i> , 2018 , 28, 1045-1052	3.3	5
17	Optimization Mechanism of Additive of Composite Sodium Salts on Vanadium Oxidation of Siliceous Shale. <i>Minerals (Basel, Switzerland)</i> , 2017 , 7, 103	2.4	3
16	Effects of <i>Acidithiobacillus ferrooxidans</i> and Fe(III) on pyrite/pyrolusite bioleaching process. <i>Metallurgical Research and Technology</i> , 2017 , 114, 402	0.9	2
15	Reductive leaching of manganese from low-grade pyrolusite ore in sulfuric acid using pyrolysis-pretreated sawdust as a reductant. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2016 , 23, 241-246	3.1	8
14	Enhancement of bio-oxidation of refractory arsenopyritic gold ore by adding pyrolusite in bioleaching system. <i>Transactions of Nonferrous Metals Society of China</i> , 2016 , 26, 2479-2484	3.3	17
13	Ocean bacteria: performance on COD _{Cr} and NH ₄ (+)-N removal in landfill leachate treatment. <i>Water Science and Technology</i> , 2015 , 71, 817-22	2.2	1

12	Enhanced U(VI) bioreduction by alginate-immobilized uranium-reducing bacteria in the presence of carbon nanotubes and anthraquinone-2,6-disulfonate. <i>Journal of Environmental Sciences</i> , 2015 , 31, 68-73 ^{6.4}	12
11	Response Surface Optimization of Reductive Leaching Manganese from Low-Grade Pyrolusite Using Biogas Residual as Reductant. <i>Mineral Processing and Extractive Metallurgy Review</i> , 2015 , 36, 1-6 ^{3.1}	13
10	Reductive leaching of low-grade manganese ore with pre-processed cornstalk. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2015 , 22, 1245-1251 ^{3.1}	5
9	Effect of Mn (II) on quartz flotation using dodecylamine as collector. <i>Journal of Central South University</i> , 2014 , 21, 3603-3609 ^{2.1}	6
8	Effect of biological pretreatment on flotation recovery of pyrolusite. <i>Transactions of Nonferrous Metals Society of China</i> , 2014 , 24, 1571-1577 ^{3.3}	12
7	Fluidized roasting reduction kinetics of low-grade pyrolusite coupling with pretreatment of stone coal. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2013 , 20, 221-227 ^{3.1}	14
6	Selective Separation and Extraction of Vanadium(IV) and Manganese(II) from Co-leaching Solution of Roasted Stone Coal and Pyrolusite via Solvent Extraction. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 13768-13776 ^{3.9}	19
5	Co-recovery of manganese from low-grade pyrolusite and vanadium from stone coal using fluidized roasting coupling technology. <i>Hydrometallurgy</i> , 2013 , 131-132, 40-45 ⁴	25
4	Recovery of valuable metals from a low-grade nickel ore using an ammonium sulfate roasting-leaching process. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2012 , 19, 377-383 ^{3.1}	37
3	Preparation of basic magnesium carbonate and its thermal decomposition kinetics in air. <i>Central South University</i> , 2011 , 18, 1865-1870 ³	12
2	Vanadium recovery from clay vanadium mineral using an acid leaching method. <i>Rare Metals</i> , 2008 , 27, 116-120 ^{5.5}	19
1	Recovery of Valuable Metals and NaCl from Cobalt-Rich Crust and Industrial Waste Salt via Roasting Coupling Technology. <i>Journal of Sustainable Metallurgy</i> , 1 ^{2.7}	0