

Ya-li Feng

List of Publications by Year in descending order

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papers

687
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516215

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446
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption-photocatalytic degradation and kinetic of sodium isobutyl xanthate using the nitrogen and cerium co-doping TiO ₂ -coated activated carbon. Chemosphere, 2021, 263, 128254.	4.2	50
2	Recovery of valuable metals from a low-grade nickel ore using an ammonium sulfate roasting-leaching process. International Journal of Minerals, Metallurgy and Materials, 2012, 19, 377-383.	2.4	45
3	Recovery of vanadium from acid leaching solutions of spent oil hydrotreating catalyst using solvent extraction with D2EHPA (P204). Hydrometallurgy, 2020, 195, 105404.	1.8	36
4	Effects of silicate-bacteria pretreatment on desiliconization of magnesite by reverse flotation. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 544, 60-67.	2.3	33
5	Co-recovery of manganese from low-grade pyrolusite and vanadium from stone coal using fluidized roasting coupling technology. Hydrometallurgy, 2013, 131-132, 40-45.	1.8	32
6	Separation of V (V) and Mo (VI) in roasting-water leaching solution of spent hydrodesulfurization catalyst by co-extraction using P507 - N235 extractant. Separation and Purification Technology, 2020, 248, 117135.	3.9	31
7	Enhancement of bio-oxidation of refractory arsenopyritic gold ore by adding pyrolusite in bioleaching system. Transactions of Nonferrous Metals Society of China, 2016, 26, 2479-2484.	1.7	26
8	Fabrication of Ag ₃ PO ₄ /TiO ₂ @molecular sieve (MS) ternary composites with remarkably enhanced visible light-responded photocatalytic activity and mechanism insight. Environmental Research, 2020, 190, 109984.	3.7	26
9	The separation of gold and vanadium in carbonaceous gold ore by one-step roasting method. Powder Technology, 2019, 355, 191-200.	2.1	25
10	Vanadium recovery from clay vanadium mineral using an acid leaching method. Rare Metals, 2008, 27, 116-120.	3.6	24
11	Selective Separation and Extraction of Vanadium(IV) and Manganese(II) from Co-leaching Solution of Roasted Stone Coal and Pyrolusite via Solvent Extraction. Industrial & Engineering Chemistry Research, 2013, 52, 13768-13776.	1.8	24
12	Red gypsum utilization and acidic wastewater treatment based on metal self-enrichment process. Science of the Total Environment, 2019, 691, 9-15.	3.9	22
13	Efficient separation of vanadium, titanium, and iron from vanadium-bearing titanomagnetite by pressurized pyrolysis of ammonium chloride-acid leaching-solvent extraction process. Separation and Purification Technology, 2021, 255, 117169.	3.9	22
14	The role of glycine in the ammonium thiocyanate leaching of gold. Hydrometallurgy, 2019, 185, 111-116.	1.8	20
15	Enhanced U(VI) bioreduction by alginate-immobilized uranium-reducing bacteria in the presence of carbon nanotubes and anthraquinone-2,6-disulfonate. Journal of Environmental Sciences, 2015, 31, 68-73.	3.2	19
16	Separation and recovery of V, Ti, Fe and Ca from acidic wastewater and vanadium-bearing steel slag based on a collaborative utilization process. Separation and Purification Technology, 2021, 276, 119335.	3.9	19
17	Effect of biological pretreatment on flotation recovery of pyrolusite. Transactions of Nonferrous Metals Society of China, 2014, 24, 1571-1577.	1.7	18
18	Preparation of basic magnesium carbonate and its thermal decomposition kinetics in air. Central South University, 2011, 18, 1865-1870.	0.5	17

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19	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.	2.4	16
20	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.	2.4	14
21	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.	2.6	13
22	Co-metabolism kinetics and electrogenesis change during cyanide degradation in a microbial fuel cell. <i>RSC Advances</i> , 2018, 8, 40407-40416.	1.7	13
23	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.	1.8	12
24	Effect of anionic groups on the antibacterial activity of magnesium oxide nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 635, 127978.	2.3	12
25	Efficient Extraction of Manganese from Low-Grade Pyrolusite by a Sawdust Pyrolysis Reduction Roasting-Acid Leaching Process. <i>Jom</i> , 2022, 74, 1978-1988.	0.9	11
26	Optimization Mechanism of Additive of Composite Sodium Salts on Vanadium Oxidation of Siliceous Shale. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 103.	0.8	10
27	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.	0.8	10
28	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.	2.3	10
29	Effect of Mn (II) on quartz flotation using dodecylamine as collector. <i>Journal of Central South University</i> , 2014, 21, 3603-3609.	1.2	8
30	Reductive leaching of low-grade manganese ore with pre-processed cornstalk. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2015, 22, 1245-1251.	2.4	7
31	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.	1.7	6
32	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, 706-716.	1.2	6
33	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.	1.8	6
34	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.	1.2	5
35	Effect of sodium carbonate on alkaline self-leaching of gold from flotation gold ore. <i>Separation and Purification Technology</i> , 2021, 256, 117499.	3.9	5
36	Effects of <i>Acidithiobacillus ferrooxidans</i> and Fe(III) on pyrite“pyrolusite bioleaching process. <i>Metallurgical Research and Technology</i> , 2017, 114, 402.	0.4	4

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37	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.	0.7	4
38	Recovery of Valuable Metals and NaCl from Cobalt-Rich Crust and Industrial Waste Salt via Roasting Coupling Technology. <i>Journal of Sustainable Metallurgy</i> , 2021, 7, 1862-1875.	1.1	4
39	Removal of chemical oxygen demand (COD) and heavy metals by catalytic ozonationâ€“microbial fuel cell and <i>Acidithiobacillus ferrooxidans</i> leaching in flotation wastewater (FW). <i>Water Science and Technology</i> , 2019, 79, 2328-2336.	1.2	3
40	Investigation of Bubble Behavior in Gasâ€“Solid Fluidized Beds with Different Gas Distributors. <i>Chemical Engineering and Technology</i> , 2021, 44, 723-731.	0.9	3
41	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.	3.0	3
42	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.	2.6	3
43	Efficient Separation and Recovery of Vanadium, Titanium, Iron, Magnesium, and Synthesizing Anhydrite from Steel Slag. <i>Mining, Metallurgy and Exploration</i> , 2022, 39, 733-748.	0.4	3
44	Extraction of valuable metals from acidic wastewater and blast furnace slag by a collaborative utilization process. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2022, 17, .	0.8	2
45	Ocean bacteria: performance on COD _{Cr} and NH ₄ ⁺ -N removal in landfill leachate treatment. <i>Water Science and Technology</i> , 2015, 71, 817-822.	1.2	1
46	Electrochemical Behavior of Manganese Oxide Ores Using Coke Wastewater in Sulfuric Acid Solution. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, e13039.	1.3	1
47	Recovery of Ti from titanium white waste acid with N1923 extraction and leaching of lowâ€“grade pyrolusite using raffinate. <i>Asia-Pacific Journal of Chemical Engineering</i> , 0, , .	0.8	1
48	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.	0.4	1
49	2,4,6-TCP removal mechanism in the process of leaching manganese. <i>Separation Science and Technology</i> , 2019, 54, 3135-3144.	1.3	0