

# Ya-li Feng

## List of Publications by Citations

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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 | 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> , <b>2012</b> , 19, 377-383   | 3.1 | 37        |
| 46 | Co-recovery of manganese from low-grade pyrolusite and vanadium from stone coal using fluidized roasting coupling technology. <i>Hydrometallurgy</i> , <b>2013</b> , 131-132, 40-45   | 4   | 25        |
| 45 | Effects of silicate-bacteria pretreatment on desiliconization of magnesite by reverse flotation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 544, 60-67   | 5.1 | 22        |
| 44 | 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 &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 13768-13776 | 3.9 | 19        |
| 43 | Vanadium recovery from clay vanadium mineral using an acid leaching method. <i>Rare Metals</i> , <b>2008</b> , 27, 116-120  | 5.5 | 19        |
| 42 | Recovery of vanadium from acid leaching solutions of spent oil hydrotreating catalyst using solvent extraction with D2EHPA (P204). <i>Hydrometallurgy</i> , <b>2020</b> , 195, 105404   | 4   | 17        |
| 41 | Enhancement of bio-oxidation of refractory arsenopyritic gold ore by adding pyrolusite in bioleaching system. <i>Transactions of Nonferrous Metals Society of China</i> , <b>2016</b> , 26, 2479-2484   | 3.3 | 17        |
| 40 | Adsorption-photocatalytic degradation and kinetic of sodium isobutyl xanthate using the nitrogen and cerium co-doping TiO-coated activated carbon. <i>Chemosphere</i> , <b>2021</b> , 263, 128254   | 8.4 | 15        |
| 39 | Fluidized roasting reduction kinetics of low-grade pyrolusite coupling with pretreatment of stone coal. <i>International Journal of Minerals, Metallurgy and Materials</i> , <b>2013</b> , 20, 221-227  | 3.1 | 14        |
| 38 | Response Surface Optimization of Reductive Leaching Manganese from Low-Grade Pyrolusite Using Biogas Residual as Reductant. <i>Mineral Processing and Extractive Metallurgy Review</i> , <b>2015</b> , 36, 1-6                                      | 3.1 | 13        |
| 37 | 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> , <b>2015</b> , 31, 68-73                             | 6.4 | 12        |
| 36 | Effect of biological pretreatment on flotation recovery of pyrolusite. <i>Transactions of Nonferrous Metals Society of China</i> , <b>2014</b> , 24, 1571-1577  | 3.3 | 12        |
| 35 | Preparation of basic magnesium carbonate and its thermal decomposition kinetics in air. <i>Central South University</i> , <b>2011</b> , 18, 1865-1870   |     | 12        |
| 34 | 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> , <b>2020</b> , 248, 117135                 | 8.3 | 11        |
| 33 | The separation of gold and vanadium in carbonaceous gold ore by one-step roasting method. <i>Powder Technology</i> , <b>2019</b> , 355, 191-200   | 5.2 | 11        |
| 32 | Fabrication of AgPO/TiO@molecular sieve (MS) ternary composites with remarkably enhanced visible light-responded photocatalytic activity and mechanism insight. <i>Environmental Research</i> , <b>2020</b> , 190, 109984                           | 7.9 | 11        |
| 31 | The role of glycine in the ammonium thiocyanate leaching of gold. <i>Hydrometallurgy</i> , <b>2019</b> , 185, 111-116   | 4   | 11        |

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|----|--|------|---|
| 30 | 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> , <b>2016</b> , 23, 241-246                             | 3.1  | 8 |
| 29 | Red gypsum utilization and acidic wastewater treatment based on metal self-enrichment process. <i>Science of the Total Environment</i> , <b>2019</b> , 691, 9-15   | 10.2 | 7 |
| 28 | Effect of Mn (II) on quartz flotation using dodecylamine as collector. <i>Journal of Central South University</i> , <b>2014</b> , 21, 3603-3609  | 2.1  | 6 |
| 27 | 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> , <b>2020</b> , 147, 107742                                   | 3.7  | 6 |
| 26 | 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> , <b>2021</b> , 255, 117169 | 8.3  | 6 |
| 25 | Effect of iron transformation on <i>Acidithiobacillus ferrooxidans</i> bio-leaching of clay vanadium residue. <i>Journal of Central South University</i> , <b>2019</b> , 26, 796-805   | 2.1  | 5 |
| 24 | 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> , <b>2019</b> , 9, 70   | 2.4  | 5 |
| 23 | Reductive leaching of low-grade manganese ore with pre-processed cornstalk. <i>International Journal of Minerals, Metallurgy and Materials</i> , <b>2015</b> , 22, 1245-1251   | 3.1  | 5 |
| 22 | Preparation of sodium manganate from low-grade pyrolusite by alkaline predesilication fluidized roasting technique. <i>Transactions of Nonferrous Metals Society of China</i> , <b>2018</b> , 28, 1045-1052  | 3.3  | 5 |
| 21 | Co-metabolism kinetics and electrogenesis change during cyanide degradation in a microbial fuel cell. <i>RSC Advances</i> , <b>2018</b> , 8, 40407-40416   | 3.7  | 4 |
| 20 | 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> , <b>2019</b> , 79, 2328-2336       | 2.2  | 3 |
| 19 | Optimization Mechanism of Additive of Composite Sodium Salts on Vanadium Oxidation of Siliceous Shale. <i>Minerals (Basel, Switzerland)</i> , <b>2017</b> , 7, 103   | 2.4  | 3 |
| 18 | Adsorption properties of <i>Pseudomonas monteilii</i> for removal of uranium from aqueous solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2018</b> , 315, 243-250   | 1.5  | 3 |
| 17 | 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> , <b>2021</b> , 630, 127613                           | 5.1  | 3 |
| 16 | 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> , <b>2021</b> , 276, 119335                                   | 8.3  | 3 |
| 15 | Effects of <i>Acidithiobacillus ferrooxidans</i> and Fe(III) on pyrite/pyrolusite bioleaching process. <i>Metallurgical Research and Technology</i> , <b>2017</b> , 114, 402   | 0.9  | 2 |
| 14 | Electrochemical Behavior of Manganese Oxide Ores Using Coke Wastewater in Sulfuric Acid Solution. <i>Environmental Progress and Sustainable Energy</i> , <b>2019</b> , 38, e13039  | 2.5  | 1 |
| 13 | Ocean bacteria: performance on COD <sub>Cr</sub> and NH <sub>4</sub> (+)-N removal in landfill leachate treatment. <i>Water Science and Technology</i> , <b>2015</b> , 71, 817-22  | 2.2  | 1 |

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|----|---|-----|---|
| 12 | Effect of anionic groups on the antibacterial activity of magnesium oxide nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 635, 127978  | 5.1 | 1 |
| 11 | 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> , <b>2021</b> , 24, 101903                        | 7   | 1 |
| 10 | Microbial pretreatment of microfine-grained low-grade zinnwaldite tailings for enhanced flotation to recover lithium and rubidium resources. <i>Minerals Engineering</i> , <b>2022</b> , 181, 107503                                      | 4.9 | 1 |
| 9  | Separation of Cu, Co, Ni and Mn from acid leaching solution of ocean cobalt-rich crust using precipitation with Na <sub>2</sub> S and solvent extraction with N235. <i>Korean Journal of Chemical Engineering</i> , <b>2022</b> , 39, 706 | 2.8 | 0 |
| 8  | Efficient Separation and Recovery of Vanadium, Titanium, Iron, Magnesium, and Synthesizing Anhydrite from Steel Slag. <i>Mining, Metallurgy and Exploration</i> , <b>2022</b> , 39, 733   | 1.1 | 0 |
| 7  | 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 |
| 6  | Investigation of Bubble Behavior in Gas-Solid Fluidized Beds with Different Gas Distributors. <i>Chemical Engineering and Technology</i> , <b>2021</b> , 44, 723-731  | 2   | 0 |
| 5  | Effect of sodium carbonate on alkaline self-leaching of gold from flotation gold ore. <i>Separation and Purification Technology</i> , <b>2021</b> , 256, 117499   | 8.3 | 0 |
| 4  | Efficient Extraction of Manganese from Low-Grade Pyrolusite by a Sawdust Pyrolysis Reduction Roasting-Acid Leaching Process. <i>Jom</i> , <b>2022</b> , 74, 1978  | 2.1 | 0 |
| 3  | A Novel Approach for Separation and Recovery of Titanium, Scandium, Iron from Acidic Wastewater and Red Gypsum Utilization. <i>Mining, Metallurgy and Exploration</i> , <b>2022</b> , 39, 1297  | 1.1 | 0 |
| 2  | 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> , <b>2022</b> , 45, 102484  | 6.7 |   |
| 1  | 2,4,6-TCP removal mechanism in the process of leaching manganese. <i>Separation Science and Technology</i> , <b>2019</b> , 54, 3135-3144  | 2.5 |   |