

Ashish Pathak

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

214
citations

1162367
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1473754
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all docs

9
docs citations

9
times ranked

176
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Fungal bioleaching of metals from refinery spent catalysts: A critical review of current research, challenges, and future directions. <i>Journal of Environmental Management</i> , 2021, 280, 111789. | 3.8 | 46 |
| 2 | Emerging role of organic acids in leaching of valuable metals from refinery-spent hydroprocessing catalysts, and potential techno-economic challenges: A review. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1-43. | 6.6 | 39 |
| 3 | Sequential leaching of metals from spent refinery catalyst in bioleaching–bioleaching and bioleaching–chemical leaching reactor: Comparative study. <i>Hydrometallurgy</i> , 2014, 150, 130-143. | 1.8 | 32 |
| 4 | Column bioleaching of metals from refinery spent catalyst by <i>Acidithiobacillus thiooxidans</i> : Effect of operational modifications on metal extraction, metal precipitation, and bacterial attachment. <i>Journal of Environmental Management</i> , 2019, 242, 372-383. | 3.8 | 28 |
| 5 | An integrated sequential biological leaching process for enhanced recovery of metals from decoked spent petroleum refinery catalyst: A comparative study. <i>International Journal of Mineral Processing</i> , 2015, 134, 66-73. | 2.6 | 27 |
| 6 | Changes in the fractionation profile of Al, Ni, and Mo during bioleaching of spent hydroprocessing catalysts with <i>Acidithiobacillus ferrooxidans</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018, 53, 1006-1014. | 0.9 | 14 |
| 7 | Fractionation Behavior of Metals (Al, Ni, V, and Mo) During Bioleaching and Chemical Leaching of Spent Petroleum Refinery Catalyst. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1. | 1.1 | 12 |
| 8 | Feasibility of Bioleaching in Removing Metals (Al, Ni, V and Mo) from as Received Raw Petroleum Spent Refinery Catalyst: A Comparative Study on Leaching Yields, Risk Assessment Code and Reduced Partition Index. <i>Materials Transactions</i> , 2015, 56, 1278-1286. | 0.4 | 10 |
| 9 | Feasibility of bioleaching integrated with a chemical oxidation process for improved leaching of valuable metals from refinery spent hydroprocessing catalyst. <i>Environmental Science and Pollution Research</i> , 2022, 29, 34288-34301. | 2.7 | 6 |