

A green and efficient technology to recover rare earth e

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Towards sustainable rare-earth-element mining. <i>Nature Sustainability</i> , 2023, 6, 13-14.	23.7	3
2	Hydrothermal alteration and the remobilization of rare earth elements during reprecipitation of nano-scale apatite in phosphorites. <i>Lithos</i> , 2023, 444-445, 107113.	1.4	1
3	Measuring the anthropogenic cycles of light rare earths in China: Implications for the imbalance problem. <i>Science of the Total Environment</i> , 2023, 879, 163215.	8.0	1
4	Enhancing leaching efficiency of ion adsorption rare earths by ameliorating mass transfer effect of rare earth ions by applying an electric field. <i>Journal of Rare Earths</i> , 2024, 42, 172-180.	4.8	5
5	A Flexible and Safe Planar Zinc-Ion Micro-Battery with Ultrahigh Energy Density Enabled by Interfacial Engineering for Wearable Sensing Systems. <i>Advanced Functional Materials</i> , 2023, 33, .	14.9	18
6	P350-N235 synergistic extraction system used for the recovery of Nd(III) from waste NdFeB magnets. <i>Separation and Purification Technology</i> , 2023, 319, 124042.	7.9	2
7	Synthesis and DFT calculation of germanium halide perovskites with high luminescent stability, and their applications in WLEDs and indoor photovoltaics. <i>Chemical Engineering Journal</i> , 2023, 470, 144160.	12.7	1
8	Electrokinetic in situ leaching: A novel, sustainable technique for metal recovery. <i>Solid Earth Sciences</i> , 2023, 8, 160.	1.7	0
9	Heap leaching of ion adsorption rare earth ores and REEs recovery from leachate with lixiviant regeneration. <i>Science of the Total Environment</i> , 2023, 898, 165417.	8.0	6
10	Influence of ammonium sulfate leaching agent on engineering properties of weathered crust elution-deposited rare earth ore. <i>Acta Geotechnica</i> , 0, , .	5.7	2
11	Neodymium Stimulates Growth, Nutrient Concentration, and Metabolism in Sugarcane in Hydroponics. <i>Sugar Tech</i> , 0, , .	1.8	1
12	Accumulation of rare earth elements in common vine leaves is achieved through extraction from soil and transport in the xylem sap. <i>Communications Earth & Environment</i> , 2023, 4, .	6.8	1
13	Development Review on Leaching Technology and Leaching Agents of Weathered Crust Elution-Deposited Rare Earth Ores. <i>Minerals (Basel, Switzerland)</i> , 2023, 13, 1223.	2.0	0
14	Photodissolution of Rare Earth Elements and Dissolved Organic Carbon from Subbituminous Coal: Effects of Environmental Variables and Implications for Biogeochemical Cycling. <i>Environmental Science and Technology Letters</i> , 2023, 10, 747-754.	8.7	0
15	Weakening of mechanical parameters of ion-absorbed rare-earth ores subjected to leaching. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , 2023, 9, .	2.9	0
16	A sustainable strategy for targeted extraction of thorium from radioactive waste leachate based on hydrophobic deep eutectic solvent. <i>Journal of Hazardous Materials</i> , 2023, 460, 132465.	12.4	2
17	Conical solar-thermo-radiative evaporator for sustainable desalination and salt recovery. <i>Desalination</i> , 2023, 567, 116993.	8.2	2
18	Recycling and reutilization of smelting dust as a secondary resource: A review. <i>Journal of Environmental Management</i> , 2023, 347, 119228.	7.8	1

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19	Leaching of rare earths and aluminum in weathered crust elution-deposited rare earth ore using magnesium sulfate: Effect of aluminum content in the leaching agent solution. <i>Journal of Rare Earths</i> , 2023, , .	4.8	0
20	Rare earth element enrichment in sedimentary phosphorites formed during the Precambrian–Cambrian transition, Southwest China. <i>Geoscience Frontiers</i> , 2024, 15, 101766.	8.4	2
21	Material-energy Nexus: A systematic literature review. <i>Renewable and Sustainable Energy Reviews</i> , 2024, 192, 114217.	16.4	1
22	Strengthening rare earth and inhibiting aluminum leaching in magnesium salt-acetic acid compound system from ion-adsorption type rare earth ore. <i>Separation and Purification Technology</i> , 2024, 334, 126070.	7.9	0
23	An industrial mixed rare-earth oxide fuel cell with low cost and high electrochemical performance. <i>Ceramics International</i> , 2024, 50, 10007-10015.	4.8	0
24	Synergistic dynamics unveiled: Interplay between rare earth prices, clean energy innovations, and tech companies' market resilience amidst the Covid-19 pandemic and Russia-Ukraine conflict. <i>Resources Policy</i> , 2024, 89, 104615.	9.6	0
25	Non-negligible N ₂ O emission hotspots: Rivers impacted by ion-adsorption rare earth mining. <i>Water Research</i> , 2024, 251, 121124.	11.3	1
26	Desorption behavior and mechanism of yttrium ions from ion-adsorption type rare earths ore. <i>Separation and Purification Technology</i> , 2024, 336, 126283.	7.9	2
27	Enrichment of Rare Earth Elements During the Weathering of Alkaline Igneous Systems: Insights from the Puxiong Regolith-Hosted Rare Earth Element Deposit, SW China. <i>Economic Geology</i> , 2024, 119, 161-187.	3.8	1
28	Influence of Clay Particle Interactions on Leaching Percolation in Ion-Adsorption-Type Rare Earth Ores. <i>Minerals (Basel, Switzerland)</i> , 2024, 14, 140.	2.0	0
29	Reshaping Heavy Rare Earth Supply Chains Amidst China's Stringent Environmental Regulations. <i>Fundamental Research</i> , 2024, , .	3.3	0
30	An environment-friendly capacitive deionization recovery strategy for rare-earth (La/Nd/Ce/Pr) ions based on nickel foam. <i>Journal of Environmental Chemical Engineering</i> , 2024, 12, 112287.	6.7	0
31	Future environmental impacts of global hydrogen production. <i>Energy and Environmental Science</i> , 2024, 17, 2157-2172.	30.8	0
32	Disposal Strategy of Ion-Adsorption Rare Earth Elements Low-Level Radioactive Residues: Reduction Emission and Recovery for Aluminum and Uranium by Alkaline and Alkaescent Media. , 0, , .		0