

# Rare Earth Elements: Overview of Mining, Mineralogy, Environmental Impact

Resources

3, 614-635

DOI: [10.3390/resources3040614](https://doi.org/10.3390/resources3040614)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Radiological Impacts and Regulation of Rare Earth Elements in Non-Nuclear Energy Production. <i>Energies</i> , 2015, 8, 2066-2081.	1.6	39
2	Separation of uranium and thorium from rare earths for rare earth production – A review. <i>Minerals Engineering</i> , 2015, 77, 185-196.	1.8	210
3	Environmental Impacts of Rare Earth Mining and Separation Based on Eudialyte: A New European Way. <i>Resources</i> , 2016, 5, 32.	1.6	50
4	Remote Sensing Exploration of Nb-Ta-LREE-Enriched Carbonatite (Epembe/Namibia). <i>Remote Sensing</i> , 2016, 8, 620.	1.8	33
6	Life Cycle Analysis for Solvent Extraction of Rare Earth Elements from Aqueous Solutions. , 2016, , 113-120.		8
7	Life Cycle Assessment of Rare Earth Production from Monazite. , 2016, , 83-88.		6
9	Microfluidic solvent extraction of rare earth elements from a mixed oxide concentrate leach solution using Cyanex® 572. <i>Chemical Engineering Science</i> , 2016, 148, 212-218.	1.9	77
11	Export Restraints of Natural Resources and the SCM Agreement. <i>Economics, Law, and Institutions in Asia Pacific</i> , 2016, , 321-341.	0.4	0
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15	Natural Thorium Resources and Recovery: Options and Impacts. <i>Nuclear Technology</i> , 2016, 194, 136-151.	0.7	20
16	Design of PM-Free AC Machine-Based Actuators for Elevated-Temperature Environments. <i>IEEE Transactions on Industry Applications</i> , 2016, 52, 2241-2252.	3.3	2
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19	Application of ferrous pyrometallurgy to the beneficiation of rare earth bearing iron ores – A review. <i>Minerals Engineering</i> , 2017, 110, 20-30.	1.8	39
20	Isostructural crystal hydrates of rare-earth metal oxalates at high pressure: from strain anisotropy to dehydration. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2017, 232, 751-757.	0.4	11
21	Biokinetics of yttrium and comparison with its geochemical twin holmium. <i>Journal of Radiological Protection</i> , 2017, 37, 434-449.	0.6	5
22	Praseodymium sorption on <i>Laminaria digitata</i> algal beads and foams. <i>Journal of Colloid and Interface Science</i> , 2017, 504, 780-789.	5.0	20
23	Process optimization and kinetics for leaching of cerium, lanthanum and neodymium elements from iron ore waste's apatite by nitric acid. <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 420-428.	1.7	24

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25	X-ray crystallographic, luminescence and NMR studies of phenacyldiphenylphosphine oxide with the Ln( $\text{scp}^{\text{iii}}$ ) ions Sm, Eu, Gd, Tb and Dy. <i>Dalton Transactions</i> , 2017, 46, 15458-15469.	1.6	16
26	Investigation into coal-based magnetizing roasting of an iron-rich rare earth ore and the associated mineralogical transformations. <i>Minerals Engineering</i> , 2017, 114, 37-49.	1.8	30
27	Water Footprint and Land Requirement of Solar Thermochemical Jet-Fuel Production. <i>Environmental Science &amp; Technology</i> , 2017, 51, 12938-12947.	4.6	11
28	Potential of visible and near-infrared reflectance spectroscopy for the determination of rare earth elements in soil. <i>Geoderma</i> , 2017, 306, 120-126.	2.3	17
29	The evolution of mineral processing in extraction of rare earth elements using solid-liquid extraction over liquid-liquid extraction: A review. <i>Minerals Engineering</i> , 2017, 112, 103-113.	1.8	77
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32	Assessing maximum production peak and resource availability of non-fuel mineral resources: Analyzing the influence of extractable global resources. <i>Resources, Conservation and Recycling</i> , 2017, 125, 208-217.	5.3	79
33	Chemical speciation and bioavailability of rare earth elements (REEs) in the ecosystem: a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22764-22789.	2.7	110
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43	Governance and Riskâ€“Value Constructions in Closing Loops of Rare Earth Elements in Global Value Chains. Resources, 2017, 6, 59.	1.6	13
44	Separation of Yttrium from Aqueous Solution Using Ionic Imprinted Polymers. Russian Journal of Non-Ferrous Metals, 2017, 58, 614-624.	0.2	13
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59	Prospect for HRE-free high coercivity Nd-Fe-B permanent magnets. Scripta Materialia, 2018, 151, 6-13.	2.6	101

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61	Comparative Life Cycle Assessment of NdFeB Permanent Magnet Production from Different Rare Earth Deposits. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5858-5867.	3.2	53
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