

Roderick G Eggert

List of Publications by Year in descending order

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33
papers

1,199
citations

471509

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36
docs citations

36
times ranked

1390
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of industrial actors in the circular economy for critical raw materials: a framework with case studies across a range of industries. <i>Mineral Economics</i> , 2023, 36, 301-319.	2.8	8
2	Critical materials for permanent magnets. , 2022, , 343-370.		1
3	Understanding relative metal prices and availability: Combining physical and economic perspectives. <i>Journal of Industrial Ecology</i> , 2021, 25, 890-899.	5.5	5
4	Global Electrification of Vehicles and Intertwined Material Supply Chains of Cobalt, Copper and Nickel. <i>Resources, Conservation and Recycling</i> , 2021, 167, 105198.	10.8	47
5	Reply to correspondence "Circular economy practices may not always lead to lower criticality or more sustainability; analysis and guidance is needed per case". <i>Resources, Conservation and Recycling</i> , 2021, 165, 105223.	10.8	0
6	Reconciling Diverging Views on Mineral Depletion: A Modified Cumulative Availability Curve Applied to Copper Resources. <i>Resources, Conservation and Recycling</i> , 2020, 161, 104896.	10.8	17
7	China's public policies toward rare earths, 1975–2018. <i>Mineral Economics</i> , 2020, 33, 127-151.	2.8	36
8	A review of methods and data to determine raw material criticality. <i>Resources, Conservation and Recycling</i> , 2020, 155, 104617.	10.8	137
9	Greater circularity leads to lower criticality, and other links between criticality and the circular economy. <i>Resources, Conservation and Recycling</i> , 2020, 159, 104718.	10.8	19
10	Costs, Substitution, and Material Use: The Case of Rare Earth Magnets. <i>Environmental Science & Technology</i> , 2018, 52, 3803-3811.	10.0	20
11	Public policy and future mineral supplies. <i>Resources Policy</i> , 2018, 57, 55-60.	9.6	55
12	Simulating producer responses to selected chinese rare earth policies. <i>Resources Policy</i> , 2018, 55, 31-48.	9.6	18
13	The Rare Earths as Critical Materials. <i>Fundamental Theories of Physics</i> , 2016, 50, 19-46.	0.3	10
14	Potential uranium supply from phosphoric acid: A U.S. analysis comparing solvent extraction and ion exchange recovery. <i>Resources Policy</i> , 2016, 49, 222-231.	9.6	25
15	Multifaceted Material Substitution: The Case of NdFeB Magnets, 2010–2015. <i>Jom</i> , 2016, 68, 1964-1971.	1.9	24
16	Volatility of by-product metal and mineral prices. <i>Resources Policy</i> , 2016, 47, 69-77.	9.6	33
17	Thorium: Crustal abundance, joint production, and economic availability. <i>Resources Policy</i> , 2015, 44, 81-93.	9.6	22
18	Evaluating the availability of gallium, indium, and tellurium from recycled photovoltaic modules. <i>Solar Energy Materials and Solar Cells</i> , 2015, 138, 58-71.	6.2	67

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19	Supply-Chain Dynamics of Tellurium, Indium, and Gallium Within the Context of PV Manufacturing Costs. IEEE Journal of Photovoltaics, 2013, 3, 833-837.	2.5	46
20	Energy-critical elements for sustainable development. MRS Bulletin, 2012, 37, 405-410.	3.5	74
21	Minerals go critical. Nature Chemistry, 2011, 3, 688-691.	13.6	105
22	Deep-sea mining of seafloor massive sulfides. Marine Policy, 2010, 34, 728-732.	3.2	136
23	Depletion and the Future Availability of Petroleum Resources. Energy Journal, 2009, 30, 141-174.	1.7	131
24	The boom in mineral markets: How long might it last?. Resources Policy, 2008, 33, 125-128.	9.6	61
25	Sustainability and resources policy. Resources Policy, 1995, 21, 3-4.	9.6	4
26	Critical issues in the reform of the mining law in the United States. Jom, 1995, 47, 44-45.	1.9	0
27	Managing for successful mineral exploration. Resources Policy, 1993, 19, 173-176.	9.6	4
28	An empirical and conceptual introduction. Resources Policy, 1991, 17, 91-99.	9.6	6
29	Exploration and access to public lands. Resources Policy, 1989, 15, 115-130.	9.6	1
30	International Mineral Economics. , 1988, , .		23
31	Mineral exploration in the USSR and the USA. Resources Policy, 1985, 11, 128-140.	9.6	1
32	Exploration's Role in Iron and Aluminum Supply Since the Second World War. Natural Resources Forum, 1985, 9, 187-195.	3.6	0
33	Mining and the Environment. , 0, , .		1