

Takuma Watari

List of Publications by Year in descending order

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10
papers

769
citations

933264

10
h-index

1372474

10
g-index

11
all docs

11
docs citations

11
times ranked

571
citing authors

#	ARTICLE	IF	CITATIONS
1	Future greenhouse gas emissions from metal production: gaps and opportunities towards climate goals. <i>Energy and Environmental Science</i> , 2022, 15, 146-157.	15.6	46
2	Efficient use of cement and concrete to reduce reliance on supply-side technologies for net-zero emissions. <i>Nature Communications</i> , 2022, 13, .	5.8	51
3	Major metals demand, supply, and environmental impacts to 2100: A critical review. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105107.	5.3	114
4	International inequality in in-use metal stocks: What it portends for the future. <i>Resources Policy</i> , 2021, 70, 101968.	4.2	23
5	Sustainable energy transitions require enhanced resource governance. <i>Journal of Cleaner Production</i> , 2021, 312, 127698.	4.6	34
6	Review of critical metal dynamics to 2050 for 48 elements. <i>Resources, Conservation and Recycling</i> , 2020, 155, 104669.	5.3	185
7	Global Metal Use Targets in Line with Climate Goals. <i>Environmental Science & Technology</i> , 2020, 54, 12476-12483.	4.6	39
8	Integrating Circular Economy Strategies with Low-Carbon Scenarios: Lithium Use in Electric Vehicles. <i>Environmental Science & Technology</i> , 2019, 53, 11657-11665.	4.6	28
9	Total material requirement for the global energy transition to 2050: A focus on transport and electricity. <i>Resources, Conservation and Recycling</i> , 2019, 148, 91-103.	5.3	164
10	Analysis of Potential for Critical Metal Resource Constraints in the International Energy Agency's Long-Term Low-Carbon Energy Scenarios. <i>Minerals</i> (Basel, Switzerland), 2018, 8, 156.	0.8	57