

# Takuma Watari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5301964/publications.pdf>

Version: 2024-02-01

10  
papers

769  
citations

933264

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1372474

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g-index

11  
all docs

11  
docs citations

11  
times ranked

571  
citing authors

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