

Yang Ou

List of Publications by Year in descending order

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14
papers

565
citations

933447

10
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	The quest for improved air quality may push China to continue its CO ₂ reduction beyond the Paris Commitment. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29535-29542.	7.1	93
2	Can updated climate pledges limit warming well below 2°C?. Science, 2021, 374, 693-695.	12.6	80
3	Deep mitigation of CO ₂ and non-CO ₂ greenhouse gases toward 1.5°C and 2°C futures. Nature Communications, 2021, 12, 6245.	12.8	78
4	Life cycle water use of coal- and natural-gas-fired power plants with and without carbon capture and storage. International Journal of Greenhouse Gas Control, 2016, 44, 249-261.	4.6	66
5	Opportunities for Decarbonizing Existing U.S. Coal-Fired Power Plants via CO ₂ Capture, Utilization and Storage. Environmental Science & Technology, 2015, 49, 7571-7579.	10.0	62
6	Air pollution control strategies directly limiting national health damages in the US. Nature Communications, 2020, 11, 957.	12.8	56
7	Estimating environmental co-benefits of U.S. low-carbon pathways using an integrated assessment model with state-level resolution. Applied Energy, 2018, 216, 482-493.	10.1	49
8	Projecting state-level air pollutant emissions using an integrated assessment model: GCAM-USA. Applied Energy, 2017, 208, 511-521.	10.1	36
9	The role of negative emissions in meeting China's 2060 carbon neutrality goal. Oxford Open Climate Change, 2021, 1, .	1.3	17
10	Evaluating long-term emission impacts of large-scale electric vehicle deployment in the US using a human-Earth systems model. Applied Energy, 2021, 300, 117364.	10.1	13
11	GCAM-USA v5.3_water_dispatch: integrated modeling of subnational US energy, water, and land systems within a global framework. Geoscientific Model Development, 2022, 15, 2533-2559.	3.6	10
12	State-level drivers of future fine particulate matter mortality in the United States. Environmental Research Letters, 2019, 14, 124071.	5.2	4
13	US state-level capacity expansion pathways with improved modeling of the power sector dynamics within a multisector model. Energy Strategy Reviews, 2021, 38, 100739.	7.3	1
14	Transparency crucial to Paris climate scenarios' Response. Science, 2022, 375, 828-828.	12.6	0