

Wendong Wei

List of Publications by Year in descending order

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46
papers

2,414
citations

218677

26
h-index

214800

47
g-index

48
all docs

48
docs citations

48
times ranked

997
citing authors

#	ARTICLE	IF	CITATIONS
1	Regional determinants of China's consumption-based emissions in the economic transition. <i>Environmental Research Letters</i> , 2020, 15, 074001.	5.2	198
2	The impact of low-carbon city pilot policy on the total factor productivity of listed enterprises in China. <i>Resources, Conservation and Recycling</i> , 2021, 169, 105457.	10.8	184
3	The effect of economic growth target constraints on green technology innovation. <i>Journal of Environmental Management</i> , 2021, 292, 112765.	7.8	167
4	Will income inequality influence the abatement effect of renewable energy technological innovation on carbon dioxide emissions?. <i>Journal of Environmental Management</i> , 2020, 264, 110482.	7.8	166
5	Air pollution reduction and climate co-benefits in China's industries. <i>Nature Sustainability</i> , 2021, 4, 417-425.	23.7	148
6	Unbalanced economic benefits and the electricity-related carbon emissions embodied in China's interprovincial trade. <i>Journal of Environmental Management</i> , 2020, 263, 110390.	7.8	92
7	Embodied greenhouse gas emissions from building China's large-scale power transmission infrastructure. <i>Nature Sustainability</i> , 2021, 4, 739-747.	23.7	84
8	Carbon emissions and driving forces of China's power sector: Input-output model based on the disaggregated power sector. <i>Journal of Cleaner Production</i> , 2020, 268, 121925.	9.3	84
9	Decoupling relationship between energy consumption and economic growth in China's provinces from the perspective of resource security. <i>Resources Policy</i> , 2020, 68, 101693.	9.6	83
10	Multi-scope electricity-related carbon emissions accounting: A case study of Shanghai. <i>Journal of Cleaner Production</i> , 2020, 252, 119789.	9.3	81
11	Spatial-temporal pattern evolution and driving factors of China's energy efficiency under low-carbon economy. <i>Science of the Total Environment</i> , 2020, 739, 140197.	8.0	74
12	Critical Rare-Earth Elements Mismatch Global Wind-Power Ambitions. <i>One Earth</i> , 2020, 3, 116-125.	6.8	72
13	How Green Transition of Energy System Impacts China's Mercury Emissions. <i>Earth's Future</i> , 2019, 7, 1407-1416.	6.3	68
14	Urban carbon emissions associated with electricity consumption in Beijing and the driving factors. <i>Applied Energy</i> , 2020, 275, 115425.	10.1	67
15	Chinese provincial multi-regional input-output database for 2012, 2015, and 2017. <i>Scientific Data</i> , 2021, 8, 244.	5.3	65
16	Evolutionary process of household waste separation behavior based on social networks. <i>Resources, Conservation and Recycling</i> , 2020, 161, 105009.	10.8	53
17	Carbon emissions of urban power grid in Jing-Jin-Ji region: Characteristics and influential factors. <i>Journal of Cleaner Production</i> , 2017, 168, 428-440.	9.3	50
18	Carbon emissions and driving forces of an island economy: A case study of Chongming Island, China. <i>Journal of Cleaner Production</i> , 2020, 254, 120028.	9.3	49

#	ARTICLE	IF	CITATIONS
19	Impact of a Coal-Fired Power Plant Shutdown Campaign on Heavy Metal Emissions in China. <i>Environmental Science & Technology</i> , 2019, 53, 14063-14069.	10.0	48
20	Ultra-high voltage network induced energy cost and carbon emissions. <i>Journal of Cleaner Production</i> , 2018, 178, 276-292.	9.3	47
21	Study of the emissions and spatial distributions of various power-generation technologies in China. <i>Journal of Environmental Management</i> , 2021, 278, 111401.	7.8	44
22	Has environmental information disclosure eased the economic inhibition of air pollution?. <i>Journal of Cleaner Production</i> , 2021, 284, 125412.	9.3	43
23	Seawater environmental Kuznets curve: Evidence from seawater quality in China's coastal waters. <i>Journal of Cleaner Production</i> , 2019, 219, 925-935.	9.3	40
24	China's retrofitting measures in coal-fired power plants bring significant mercury-related health benefits. <i>One Earth</i> , 2020, 3, 777-787.	6.8	37
25	Air Pollutant Emissions Induced by Population Migration in China. <i>Environmental Science & Technology</i> , 2020, 54, 6308-6318.	10.0	37
26	A differentiated energy Kuznets curve: Evidence from mainland China. <i>Energy</i> , 2021, 214, 118942.	8.8	33
27	Interdependence between energy and metals in China: evidence from a nexus perspective. <i>Journal of Cleaner Production</i> , 2019, 214, 345-355.	9.3	26
28	Trade-offs and synergies among air-pollution-related SDGs as well as interactions between air-pollution-related SDGs and other SDGs. <i>Journal of Cleaner Production</i> , 2022, 331, 129890.	9.3	24
29	Using existing infrastructures of high-speed railways for photovoltaic electricity generation. <i>Resources, Conservation and Recycling</i> , 2022, 178, 106091.	10.8	23
30	A sustainability-oriented optimal allocation strategy of sharing bicycles: Evidence from ofo usage in Shanghai. <i>Resources, Conservation and Recycling</i> , 2020, 153, 104510.	10.8	22
31	Using Existing Infrastructure to Realize Low-Cost and Flexible Photovoltaic Power Generation in Areas with High-Power Demand in China. <i>IScience</i> , 2020, 23, 101867.	4.1	21
32	The reallocation effect of China's provincial power transmission and trade on regional heavy metal emissions. <i>IScience</i> , 2021, 24, 102529.	4.1	20
33	Does power grid infrastructure stimulate regional economic growth?. <i>Energy Policy</i> , 2021, 155, 112296.	8.8	19
34	A 2015 inventory of embodied carbon emissions for Chinese power transmission infrastructure projects. <i>Scientific Data</i> , 2020, 7, 318.	5.3	18
35	Estimating the impacts of climate change on electricity supply infrastructure: A case study of China. <i>Energy Policy</i> , 2021, 150, 112119.	8.8	18
36	Toward carbon neutrality: Uncovering constraints on critical minerals in the Chinese power system. <i>Fundamental Research</i> , 2022, 2, 367-374.	3.3	18

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37	National level assessment of using existing airport infrastructures for photovoltaic deployment. <i>Applied Energy</i> , 2021, 298, 117195.	10.1	15
38	Does the change of official promotion assessment standards contribute to the improvement of urban environmental quality?. <i>Journal of Cleaner Production</i> , 2022, 348, 131254.	9.3	14
39	Features and drivers of China's urban-rural household electricity consumption: Evidence from residential survey. <i>Journal of Cleaner Production</i> , 2022, 365, 132837.	9.3	14
40	Social inequality among elderly individuals caused by climate change: Evidence from the migratory elderly of mainland China. <i>Journal of Environmental Management</i> , 2020, 272, 111079.	7.8	13
41	China's coastal seawater environment caused by urbanization based on the seawater environmental Kuznets curve. <i>Ocean and Coastal Management</i> , 2021, 213, 105893.	4.4	9
42	Import competition and the improvement in pollutant discharge from heterogeneous enterprises: Evidence from China. <i>Journal of Environmental Management</i> , 2022, 310, 114809.	7.8	9
43	Transforming the coal and steel nexus for China's eco-civilization: Interplay between rail and energy infrastructure. <i>Journal of Industrial Ecology</i> , 2020, 24, 1352-1363.	5.5	7
44	China industrial environmental database 1998–2015. <i>Scientific Data</i> , 2022, 9, .	5.3	4
45	Carbon Emissions in the Xinjiang Production and Construction Corps and Driving Factors. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	1
46	Sustainable social development promotes COVID-19 pandemic control. <i>IScience</i> , 2022, 25, 104592.	4.1	1