

Zhu Deng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,094
citations

471509

17
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

1779
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and opportunities for carbon neutrality in China. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 141-155.	29.7	587
2	Near-real-time monitoring of global CO2 emissions reveals the effects of the COVID-19 pandemic. <i>Nature Communications</i> , 2020, 11, 5172.	12.8	420
3	Monitoring global carbon emissions in 2021. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 217-219.	29.7	215
4	Carbon Monitor, a near-real-time daily dataset of global CO2 emission from fossil fuel and cement production. <i>Scientific Data</i> , 2020, 7, 392.	5.3	115
5	Population ageing and deaths attributable to ambient PM2.5 pollution: a global analysis of economic cost. <i>Lancet Planetary Health</i> , The, 2021, 5, e356-e367.	11.4	63
6	Comparing national greenhouse gas budgets reported in UNFCCC inventories against atmospheric inversions. <i>Earth System Science Data</i> , 2022, 14, 1639-1675.	9.9	58
7	Global patterns of daily CO2 emissions reductions in the first year of COVID-19. <i>Nature Geoscience</i> , 2022, 15, 615-620.	12.9	46
8	China's non-fossil fuel CO2 emissions from industrial processes. <i>Applied Energy</i> , 2019, 254, 113537.	10.1	43
9	Global fossil carbon emissions rebound near pre-COVID-19 levels. <i>Environmental Research Letters</i> , 2022, 17, 031001.	5.2	42
10	Emissions rebound from the COVID-19 pandemic. <i>Nature Climate Change</i> , 2022, 12, 412-414.	18.8	41
11	Fusion Method Combining Ground-Level Observations with Chemical Transport Model Predictions Using an Ensemble Deep Learning Framework: Application in China to Estimate Spatiotemporally-Resolved PM _{2.5} Exposure Fields in 2014–2017. <i>Environmental Science & Technology</i> , 2019, 53, 7306-7315.	10.0	40
12	Near-Real-Time Carbon Emission Accounting Technology Toward Carbon Neutrality. <i>Engineering</i> , 2022, 14, 44-51.	6.7	38
13	Incorporating health co-benefits into regional carbon emission reduction policy making: A case study of China's power sector. <i>Applied Energy</i> , 2019, 253, 113498.	10.1	35
14	Embodied carbon emissions in China-US trade. <i>Science China Earth Sciences</i> , 2020, 63, 1577-1586.	5.2	32
15	Local Anomalies in the Column-Averaged Dry Air Mole Fractions of Carbon Dioxide Across the Globe During the First Months of the Coronavirus Recession. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090244.	4.0	31
16	Near-real-time global gridded daily CO2 emissions. <i>Innovation(China)</i> , 2022, 3, 100182.	9.1	24
17	Global and local carbon footprints of city of Hong Kong and Macao from 2000 to 2015. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105167.	10.8	20
18	Impact of Lockdowns and Winter Temperatures on Natural Gas Consumption in Europe. <i>Earth's Future</i> , 2022, 10, .	6.3	10

#	ARTICLE	IF	CITATIONS
19	Floating car data processing model based on Hadoop-GIS tools. , 2016, , .		1
20	Improving the estimating accuracy of extinction coefficient of surface aerosol with a new layer-resolved model in China. Science of the Total Environment, 2020, 713, 136443.	8.0	1