Zhu Deng

List of Publications by Year
in descending order

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	Near-real-time global gridded daily CO2 emissions. Innovation(China), 2022, 3, 100182.	9.1	24
2	Impact of Lockdowns and Winter Temperatures on Natural Gas Consumption in Europe. Earth's Future, 2022, 10, .	6.3	10
3	Challenges and opportunities for carbon neutrality in China. Nature Reviews Earth & Environment, 2022, 3, 141-155.	29.7	587
4	Emissions rebound from the COVID-19 pandemic. Nature Climate Change, 2022, 12, 412-414.	18.8	41
5	Global fossil carbon emissions rebound near pre-COVID-19 levels. Environmental Research Letters, 2022, 17, 031001.	5.2	42
6	Near-Real-Time Carbon Emission Accounting Technology Toward Carbon Neutrality. Engineering, 2022, 14, 44-51.	6.7	38
7	Monitoring global carbon emissions in 2021. Nature Reviews Earth & Environment, 2022, 3, 217-219.	29.7	215
8	Comparing national greenhouse gas budgets reported in UNFCCC inventories against atmospheric inversions. Earth System Science Data, 2022, 14, 1639-1675.	9.9	58
9	Global patterns of daily CO2 emissions reductions in the first year of COVID-19. Nature Geoscience, 2022, 15, 615-620.	12.9	46
10	Global and local carbon footprints of city of Hong Kong and Macao from 2000 to 2015. Resources, Conservation and Recycling, 2021, 164, 105167.	10.8	20
11	Population ageing and deaths attributable to ambient PM2·5 pollution: a global analysis of economic cost. Lancet Planetary Health, The, 2021, 5, e356-e367.	11.4	63
12	Near-real-time monitoring of global CO2 emissions reveals the effects of the COVID-19 pandemic. Nature Communications, 2020, 11, 5172.	12.8	420
13	Carbon Monitor, a near-real-time daily dataset of global CO2 emission from fossil fuel and cement production. Scientific Data, 2020, 7, 392.	5.3	115
14	Embodied carbon emissions in China-US trade. Science China Earth Sciences, 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. Geophysical Research Letters, 2020, 47, e2020GL090244.	4.0	31
16	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
17	Incorporating health co-benefits into regional carbon emission reduction policy making: A case study of China's power sector. Applied Energy, 2019, 253, 113498.	10.1	35
18	China's non-fossil fuel CO2 emissions from industrial processes. Applied Energy, 2019, 254, 113537.	10.1	43

#	Article	IF	Citations
19	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. Environmental Science & Technology, 2019, 53, 7306-7315.	10.0	40
20	Floating car data processing model based on Hadoop-GIS tools. , 2016, , .		1