

# Jia Zhu

## List of Publications by Year in descending order

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18  
papers

1,138  
citations

567281

15  
h-index

888059

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1191  
citing authors

#	ARTICLE	IF	CITATIONS
1	A two-pollutant strategy for improving ozone and particulate air quality in China. <i>Nature Geoscience</i> , 2019, 12, 906-910.	12.9	493
2	Meteorological influences on PM <sub>2.5</sub> and O <sub>3</sub> trends and associated health burden since China's clean air actions. <i>Science of the Total Environment</i> , 2020, 744, 140837.	8.0	98
3	Correlations between PM <sub>2.5</sub> and Ozone over China and Associated Underlying Reasons. <i>Atmosphere</i> , 2019, 10, 352.	2.3	75
4	Co-occurrence of ozone and PM <sub>2.5</sub> pollution in the Yangtze River Delta over 2013–2019: Spatiotemporal distribution and meteorological conditions. <i>Atmospheric Research</i> , 2021, 249, 105363.	4.1	59
5	Modeling Impacts of Urbanization and Urban Heat Island Mitigation on Boundary Layer Meteorology and Air Quality in Beijing Under Different Weather Conditions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 4323-4344.	3.3	56
6	Assessing the formation and evolution mechanisms of severe haze pollution in the Beijing–Tianjin–Hebei region using process analysis. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10845-10864.	4.9	56
7	MICS-Asia III: multi-model comparison and evaluation of aerosol over East Asia. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11911-11937.	4.9	53
8	Implications of RCP emissions on future PM <sub>2.5</sub> air quality and direct radiative forcing over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12,985.	3.3	37
9	Winter particulate pollution severity in North China driven by atmospheric teleconnections. <i>Nature Geoscience</i> , 2022, 15, 349-355.	12.9	37
10	Future ozone air quality and radiative forcing over China owing to future changes in emissions under the Representative Concentration Pathways (RCPs). <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1978-2001.	3.3	35
11	Health Burden and economic impacts attributed to PM <sub>2.5</sub> and O <sub>3</sub> in china from 2010 to 2050 under different representative concentration pathway scenarios. <i>Resources, Conservation and Recycling</i> , 2021, 173, 105731.	10.8	28
12	Meteorological influences on daily variation and trend of summertime surface ozone over years of 2015–2020: Quantification for cities in the Yangtze River Delta. <i>Science of the Total Environment</i> , 2022, 834, 155107.	8.0	23
13	Multi-pollutant air pollution and associated health risks in China from 2014 to 2020. <i>Atmospheric Environment</i> , 2022, 268, 118829.	4.1	22
14	Interannual variation, decadal trend, and future change in ozone outflow from East Asia. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3729-3747.	4.9	20
15	Model analysis of soil dust impacts on the boundary layer meteorology and air quality over East Asia in April 2015. <i>Atmospheric Research</i> , 2017, 187, 42-56.	4.1	19
16	Enhanced PM <sub>2.5</sub> Decreases and O <sub>3</sub> Increases in China During COVID-19 Lockdown by Aerosol–Radiation Feedback. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090260.	4.0	15
17	Impacts of aerosol–photolysis interaction and aerosol–radiation feedback on surface-layer ozone in North China during multi-pollutant air pollution episodes. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4101-4116.	4.9	12
18	Identifying the Drivers of Modeling Uncertainties in Isoprene Emissions: Schemes Versus Meteorological Forcings. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034242.	3.3	0