

Xiaomeng Jin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,060
citations

687363

13
h-index

888059

17
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all docs

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docs citations

25
times ranked

1720
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating Drought Responses of Surface Ozone Precursor Proxies: Variations With Land Cover Type, Precipitation, and Temperature. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091520.	4.0	9
2	Short-term PM _{2.5} and cardiovascular admissions in NY State: assessing sensitivity to exposure model choice. <i>Environmental Health</i> , 2021, 20, 93.	4.0	3
3	Direct estimates of biomass burning NO _x emissions and lifetimes using daily observations from TROPOMI. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 15569-15587.	4.9	30
4	Environmental Degradation and Public Opinion: The Case of Air Pollution in Vietnam. <i>Journal of Environment and Development</i> , 2020, 29, 196-222.	3.2	13
5	The COVID-19 lockdowns: a window into the Earth System. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 470-481.	29.7	153
6	Environmental Justice in India: Incidence of Air Pollution from Coal-Fired Power Plants. <i>Ecological Economics</i> , 2020, 176, 106711.	5.7	37
7	Using Satellites to Track Indicators of Global Air Pollution and Climate Change Impacts: Lessons Learned From a NASA-Supported Science-Stakeholder Collaborative. <i>GeoHealth</i> , 2020, 4, e2020GH000270.	4.0	25
8	Transboundary air pollution from coal-fired power generation. <i>Journal of Environmental Management</i> , 2020, 270, 110862.	7.8	32
9	Inferring Changes in Summertime Surface Ozone-NO _x -VOC Chemistry over U.S. Urban Areas from Two Decades of Satellite and Ground-Based Observations. <i>Environmental Science & Technology</i> , 2020, 54, 6518-6529.	10.0	133
10	Identifying coal-fired power plants for early retirement. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 126, 109833.	16.4	34
11	Comparison of multiple PM _{2.5} exposure products for estimating health benefits of emission controls over New York State, USA. <i>Environmental Research Letters</i> , 2019, 14, 084023.	5.2	30
12	Assessing uncertainties of a geophysical approach to estimate surface fine particulate matter distributions from satellite-observed aerosol optical depth. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 295-313.	4.9	26
13	Methods, availability, and applications of PM _{2.5} exposure estimates derived from ground measurements, satellite, and atmospheric models. <i>Journal of the Air and Waste Management Association</i> , 2019, 69, 1391-1414.	1.9	73
14	Evaluating a Space-Based Indicator of Surface Ozone-NO _x -VOC Sensitivity Over Midlatitude Source Regions and Application to Decadal Trends. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10-461.	3.3	165
15	Spatial and temporal variability of ozone sensitivity over China observed from the Ozone Monitoring Instrument. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 7229-7246.	3.3	252
16	Multi-sensors study of precipitable water vapour over mainland China. <i>International Journal of Climatology</i> , 2015, 35, 3146-3159.	3.5	30
17	Geostationary Satellite Observation of Precipitable Water Vapor Using an Empirical Orthogonal Function (EOF) based Reconstruction Technique over Eastern China. <i>Remote Sensing</i> , 2015, 7, 5879-5900.	4.0	12
18	Development of a Solar-Induced Fluorescence-Canopy Conductance Model and Its Application to Stomatal Reactive Nitrogen Deposition. <i>ACS Earth and Space Chemistry</i> , 0, , .	2.7	3