

Xiaomeng Jin

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,060
citations

686830

13
h-index

887659

17
g-index

25
all docs

25
docs citations

25
times ranked

1720
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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. | 1.2 | 252 |
| 2 | 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. | 1.2 | 165 |
| 3 | The COVID-19 lockdowns: a window into the Earth System. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 470-481. | 12.2 | 153 |
| 4 | 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. | 4.6 | 133 |
| 5 | 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. | 0.9 | 73 |
| 6 | Environmental Justice in India: Incidence of Air Pollution from Coal-Fired Power Plants. <i>Ecological Economics</i> , 2020, 176, 106711. | 2.9 | 37 |
| 7 | Identifying coal-fired power plants for early retirement. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 126, 109833. | 8.2 | 34 |
| 8 | Transboundary air pollution from coal-fired power generation. <i>Journal of Environmental Management</i> , 2020, 270, 110862. | 3.8 | 32 |
| 9 | Multi-sensors study of precipitable water vapour over mainland China. <i>International Journal of Climatology</i> , 2015, 35, 3146-3159. | 1.5 | 30 |
| 10 | 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. | 2.2 | 30 |
| 11 | 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. | 1.9 | 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. | 1.9 | 26 |
| 13 | 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. | 1.9 | 25 |
| 14 | Environmental Degradation and Public Opinion: The Case of Air Pollution in Vietnam. <i>Journal of Environment and Development</i> , 2020, 29, 196-222. | 1.6 | 13 |
| 15 | 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. | 1.8 | 12 |
| 16 | Evaluating Drought Responses of Surface Ozone Precursor Proxies: Variations With Land Cover Type, Precipitation, and Temperature. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091520. | 1.5 | 9 |
| 17 | Short-term PM _{2.5} and cardiovascular admissions in NY State: assessing sensitivity to exposure model choice. <i>Environmental Health</i> , 2021, 20, 93. | 1.7 | 3 |
| 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, , . | 1.2 | 3 |