

# Xiaomeng Jin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5695956/publications.pdf>

Version: 2024-02-01

18  
papers

1,060  
citations

687363

13  
h-index

888059

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.  | 3.3  | 252       |
| 2  | Evaluating a Space-Based Indicator of Surface Ozone-NO <sub>x</sub> -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       |
| 3  | The COVID-19 lockdowns: a window into the Earth System. <i>Nature Reviews Earth &amp; Environment</i> , 2020, 1, 470-481.  | 29.7 | 153       |
| 4  | Inferring Changes in Summertime Surface Ozone-NO <sub>x</sub> -VOC Chemistry over U.S. Urban Areas from Two Decades of Satellite and Ground-Based Observations. <i>Environmental Science &amp; Technology</i> , 2020, 54, 6518-6529.   | 10.0 | 133       |
| 5  | Methods, availability, and applications of PM <sub>2.5</sub> 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        |
| 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  | Identifying coal-fired power plants for early retirement. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 126, 109833.   | 16.4 | 34        |
| 8  | Transboundary air pollution from coal-fired power generation. <i>Journal of Environmental Management</i> , 2020, 270, 110862.  | 7.8  | 32        |
| 9  | Multi-sensors study of precipitable water vapour over mainland China. <i>International Journal of Climatology</i> , 2015, 35, 3146-3159.   | 3.5  | 30        |
| 10 | Comparison of multiple PM <sub>2.5</sub> 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        |
| 11 | Direct estimates of biomass burning NO <sub>x</sub> emissions and lifetimes using daily observations from TROPOMI. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 15569-15587.   | 4.9  | 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.               | 4.9  | 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.                           | 4.0  | 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.   | 3.2  | 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.                            | 4.0  | 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.                                       | 4.0  | 9         |
| 17 | Short-term PM <sub>2.5</sub> and cardiovascular admissions in NY State: assessing sensitivity to exposure model choice. <i>Environmental Health</i> , 2021, 20, 93.  | 4.0  | 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, , .   | 2.7  | 3         |