

# Jiajia Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,936  
citations

471477

17  
h-index

552766

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

2248  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Mercury distribution and emission reduction potentials of Chinese coal-fired industrial boilers. <i>Air Quality, Atmosphere and Health</i> , 2022, 15, 967-978.  | 3.3  | 7         |
| 2  | Refined spatio-temporal emission assessment of Hg, As, Cd, Cr and Pb from Chinese coal-fired industrial boilers. <i>Science of the Total Environment</i> , 2021, 757, 143733.  | 8.0  | 19        |
| 3  | Impacts of LULC, FDDA, Topo-wind and UCM schemes on WRF-CMAQ over the Beijing-Tianjin-Hebei region, China. <i>Atmospheric Pollution Research</i> , 2021, 12, 292-304.  | 3.8  | 10        |
| 4  | Significant but Spatiotemporal-Heterogeneous Health Risks Caused by Airborne Exposure to Multiple Toxic Trace Elements in China. <i>Environmental Science &amp; Technology</i> , 2021, 55, 12818-12830.  | 10.0 | 5         |
| 5  | Pinpointing optimized air quality model performance over the Beijing-Tianjin-Hebei region: Mosaic approach. <i>Atmospheric Pollution Research</i> , 2021, 12, 101207.  | 3.8  | 3         |
| 6  | Highly-resolved spatial-temporal variations of air pollutants from Chinese industrial boilers. <i>Environmental Pollution</i> , 2021, 289, 117931.   | 7.5  | 11        |
| 7  | Partitioning and Emission Characteristics of Hg, Cr, Pb, and As Among Air Pollution Control Devices in Chinese Coal-Fired Industrial Boilers. <i>Energy &amp; Fuels</i> , 2020, 34, 7067-7075.   | 5.1  | 17        |
| 8  | Emission Characteristics of Hazardous Atmospheric Pollutants from Ultra-low Emission Coal-fired Industrial Boilers in China. <i>Aerosol and Air Quality Research</i> , 2020, 20, 877-888.  | 2.1  | 14        |
| 9  | Emission characteristics of NO <sub>x</sub> , CO, NH <sub>3</sub> and VOCs from gas-fired industrial boilers based on field measurements in Beijing city, China. <i>Atmospheric Environment</i> , 2018, 184, 1-8.  | 4.1  | 35        |
| 10 | A regional high-resolution emission inventory of primary air pollutants in 2012 for Beijing and the surrounding five provinces of North China. <i>Atmospheric Environment</i> , 2018, 181, 20-33.  | 4.1  | 53        |
| 11 | Temporal-spatial characteristics and source apportionment of PM <sub>2.5</sub> as well as its associated chemical species in the Beijing-Tianjin-Hebei region of China. <i>Environmental Pollution</i> , 2018, 233, 714-724.   | 7.5  | 256       |
| 12 | Characterizing remarkable changes of severe haze events and chemical compositions in multi-size airborne particles (PM <sub>1</sub> , PM <sub>2.5</sub> and PM <sub>10</sub> ) from January 2013 to 2016â€“2017 winter in Beijing, China. <i>Atmospheric Environment</i> , 2018, 189, 133-144. | 4.1  | 128       |
| 13 | A high-resolution emission inventory of anthropogenic trace elements in Beijing-Tianjin-Hebei (BTH) region of China. <i>Atmospheric Environment</i> , 2018, 191, 452-462.  | 4.1  | 58        |
| 14 | A comprehensive emission inventory of multiple air pollutants from iron and steel industry in China: Temporal trends and spatial variation characteristics. <i>Science of the Total Environment</i> , 2016, 559, 7-14.   | 8.0  | 154       |
| 15 | Potentials of whole process control of heavy metals emissions from coal-fired power plants in China. <i>Journal of Cleaner Production</i> , 2016, 114, 343-351.  | 9.3  | 92        |
| 16 | Present and future emissions of HAPs from crematories in China. <i>Atmospheric Environment</i> , 2016, 124, 28-36.   | 4.1  | 21        |
| 17 | Atmospheric emission inventory of hazardous air pollutants from China's cement plants: Temporal trends, spatial variation characteristics and scenario projections. <i>Atmospheric Environment</i> , 2016, 128, 1-9.   | 4.1  | 114       |
| 18 | The variation of chemical characteristics of PM <sub>2.5</sub> and PM <sub>10</sub> and formation causes during two haze pollution events in urban Beijing, China. <i>Atmospheric Environment</i> , 2015, 107, 1-8.  | 4.1  | 237       |

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|----|---|------|-----------|
| 19 | Atmospheric Emission Characteristics and Control Policies of Five Precedent-Controlled Toxic Heavy Metals from Anthropogenic Sources in China. <i>Environmental Science &amp; Technology</i> , 2015, 49, 1206-1214.   | 10.0 | 138       |
| 20 | Future trends of global atmospheric antimony emissions from anthropogenic activities until 2050. <i>Atmospheric Environment</i> , 2015, 120, 385-392.   | 4.1  | 18        |
| 21 | An elaborate high resolution emission inventory of primary air pollutants for the Central Plain Urban Agglomeration of China. <i>Atmospheric Environment</i> , 2014, 86, 93-101.  | 4.1  | 42        |
| 22 | Seasonal and spatial variation of trace elements in multi-size airborne particulate matters of Beijing, China: Mass concentration, enrichment characteristics, source apportionment, chemical speciation and bioavailability. <i>Atmospheric Environment</i> , 2014, 99, 257-265. | 4.1  | 117       |
| 23 | Atmospheric Emission Inventory of Hazardous Trace Elements from China's Coal-Fired Power Plants—Temporal Trends and Spatial Variation Characteristics. <i>Environmental Science &amp; Technology</i> , 2014, 48, 3575-3582.   | 10.0 | 168       |
| 24 | A Comprehensive Global Inventory of Atmospheric Antimony Emissions from Anthropogenic Activities, 1995–2010. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10235-10241.   | 10.0 | 87        |
| 25 | Current status and future trends of SO <sub>2</sub> and NO <sub>x</sub> pollution during the 12th FYP period in Guiyang city of China. <i>Atmospheric Environment</i> , 2013, 69, 273-280.  | 4.1  | 45        |
| 26 | Nitrogen Oxides Emissions from Thermal Power Plants in China: Current Status and Future Predictions. <i>Environmental Science &amp; Technology</i> , 2013, 47, 11350-11357.   | 10.0 | 87        |