

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	Temporal-spatial characteristics and source apportionment of PM _{2.5} 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
2	The variation of chemical characteristics of PM _{2.5} and PM ₁₀ and formation causes during two haze pollution events in urban Beijing, China. <i>Atmospheric Environment</i> , 2015, 107, 1-8.	4.1	237
3	Atmospheric Emission Inventory of Hazardous Trace Elements from China's Coal-Fired Power Plants—Temporal Trends and Spatial Variation Characteristics. <i>Environmental Science & Technology</i> , 2014, 48, 3575-3582.	10.0	168
4	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
5	Atmospheric Emission Characteristics and Control Policies of Five Precedent-Controlled Toxic Heavy Metals from Anthropogenic Sources in China. <i>Environmental Science & Technology</i> , 2015, 49, 1206-1214.	10.0	138
6	Characterizing remarkable changes of severe haze events and chemical compositions in multi-size airborne particles (PM ₁ , PM _{2.5} and PM ₁₀) from January 2013 to 2016–2017 winter in Beijing, China. <i>Atmospheric Environment</i> , 2018, 189, 133-144.	4.1	128
7	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
8	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
9	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
10	Nitrogen Oxides Emissions from Thermal Power Plants in China: Current Status and Future Predictions. <i>Environmental Science & Technology</i> , 2013, 47, 11350-11357.	10.0	87
11	A Comprehensive Global Inventory of Atmospheric Antimony Emissions from Anthropogenic Activities, 1995–2010. <i>Environmental Science & Technology</i> , 2014, 48, 10235-10241.	10.0	87
12	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
13	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
14	Current status and future trends of SO ₂ and NO _x pollution during the 12th FYP period in Guiyang city of China. <i>Atmospheric Environment</i> , 2013, 69, 273-280.	4.1	45
15	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
16	Emission characteristics of NO _x , CO, NH ₃ 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
17	Present and future emissions of HAPs from crematories in China. <i>Atmospheric Environment</i> , 2016, 124, 28-36.	4.1	21
18	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

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19	Future trends of global atmospheric antimony emissions from anthropogenic activities until 2050. <i>Atmospheric Environment</i> , 2015, 120, 385-392.	4.1	18
20	Partitioning and Emission Characteristics of Hg, Cr, Pb, and As Among Air Pollution Control Devices in Chinese Coal-Fired Industrial Boilers. <i>Energy & Fuels</i> , 2020, 34, 7067-7075.	5.1	17
21	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
22	Highly-resolved spatial-temporal variations of air pollutants from Chinese industrial boilers. <i>Environmental Pollution</i> , 2021, 289, 117931.	7.5	11
23	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
24	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
25	Significant but Spatiotemporal-Heterogeneous Health Risks Caused by Airborne Exposure to Multiple Toxic Trace Elements in China. <i>Environmental Science & Technology</i> , 2021, 55, 12818-12830.	10.0	5
26	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