

# Yiming Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,489  
citations

430754

18  
h-index

414303

32  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring 2016â€“2017 surface ozone pollution over China: source contributions and meteorological influences. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8339-8361.	1.9	244
2	Worsening urban ozone pollution in China from 2013 to 2017 â€“ PartÂ1: The complex and varying roles of meteorology. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6305-6321.	1.9	200
3	Persistent Heavy Winter Nitrate Pollution Driven by Increased Photochemical Oxidants in Northern China. <i>Environmental Science &amp; Technology</i> , 2020, 54, 3881-3889.	4.6	180
4	Worsening urban ozone pollution in China from 2013 to 2017 â€“ PartÂ2: The effects of emission changes and implications for multi-pollutant control. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6323-6337.	1.9	173
5	Summertime ozone pollution in Sichuan Basin, China: Meteorological conditions, sources and process analysis. <i>Atmospheric Environment</i> , 2020, 226, 117392.	1.9	77
6	Modeling the impact of chlorine emissions from coal combustion and prescribed waste incineration on tropospheric ozone formation in China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2709-2724.	1.9	56
7	Global Changes in Secondary Atmospheric Pollutants During the 2020 COVIDâ€“19 Pandemic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034213.	1.2	54
8	Vehicle emissions in a middle-sized city of China: Current status and future trends. <i>Environment International</i> , 2020, 137, 105514.	4.8	46
9	Process analysis of regional aerosol pollution during spring in the Pearl River Delta region, China. <i>Atmospheric Environment</i> , 2015, 122, 829-838.	1.9	44
10	Diverse response of surface ozone to COVID-19 lockdown in China. <i>Science of the Total Environment</i> , 2021, 789, 147739.	3.9	44
11	High-resolution sampling and analysis of ambient particulate matter in the Pearl River Delta region of southern China: source apportionment and health risk implications. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2049-2064.	1.9	41
12	Source-receptor relationships for PM 2.5 during typical pollution episodes in the Pearl River Delta city cluster, China. <i>Science of the Total Environment</i> , 2017, 596-597, 194-206.	3.9	29
13	Drivers of 2013â€“2020 ozone trends in the Sichuan Basin, China: Impacts of meteorology and precursor emission changes. <i>Environmental Pollution</i> , 2022, 300, 118914.	3.7	29
14	Atmospheric nitrous acid (HONO) at a rural coastal site in North China: Seasonal variations and effects of biomass burning. <i>Atmospheric Environment</i> , 2020, 229, 117429.	1.9	28
15	Factors dominating 3-dimensional ozone distribution during high tropospheric ozone period. <i>Environmental Pollution</i> , 2018, 232, 55-64.	3.7	25
16	Ozone Anomalies in the Free Troposphere During the COVIDâ€“19 Pandemic. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094204.	1.5	22
17	Assessing the Impact of Sea-Salt Emissions on Aerosol Chemical Formation and Deposition over Pearl River Delta, China. <i>Aerosol and Air Quality Research</i> , 2015, 15, 2232-2245.	0.9	22
18	Why do models perform differently on particulate matter over East Asia? A multi-model intercomparison study for MICS-Asia III. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7393-7410.	1.9	21

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19	The impact of sea-salt chloride on ozone through heterogeneous reaction with N <sub>2</sub> O <sub>5</sub> in a coastal region of south China. <i>Atmospheric Environment</i> , 2020, 236, 117604.	1.9	20
20	The role of anthropogenic chlorine emission in surface ozone formation during different seasons over eastern China. <i>Science of the Total Environment</i> , 2020, 723, 137697.	3.9	16
21	Role of Heat Wave-Induced Biogenic VOC Enhancements in Persistent Ozone Episodes Formation in Pearl River Delta. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034317.	1.2	16
22	Effect of different meteorological fields on the regional air quality modelling over Pearl River Delta, China. <i>International Journal of Environment and Pollution</i> , 2013, 53, 3.	0.2	15
23	Modeling Ammonia and Its Uptake by Secondary Organic Aerosol Over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034109.	1.2	15
24	Impact of Land-Use Change on Atmospheric Environment Using Refined Land Surface Properties in the Pearl River Delta, China. <i>Advances in Meteorology</i> , 2016, 2016, 1-15.	0.6	14
25	Investigating the sources of atmospheric nitrous acid (HONO) in the megacity of Beijing, China. <i>Science of the Total Environment</i> , 2022, 812, 152270.	3.9	14
26	Spatializing the roughness length of heterogeneous urban underlying surfaces to improve the WRF simulation-part 1: A review of morphological methods and model evaluation. <i>Atmospheric Environment</i> , 2022, 270, 118874.	1.9	11
27	Isoprene Emissions Response to Drought and the Impacts on Ozone and SOA in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033263.	1.2	10
28	Diagnostic Analysis of the Sulfate Aerosol Pollution in Spring over Pearl River Delta, China. <i>Aerosol and Air Quality Research</i> , 2015, 15, 46-57.	0.9	7
29	Nitrous acid in the polluted coastal atmosphere of the South China Sea: Ship emissions, budgets, and impacts. <i>Science of the Total Environment</i> , 2022, 826, 153692.	3.9	5
30	Regional modeling of secondary organic aerosol formation over eastern China: The impact of uptake coefficients of dicarbonyls and semivolatile process of primary organic aerosol. <i>Science of the Total Environment</i> , 2021, 793, 148176.	3.9	4
31	Sulfur deposition in the Beijing-Tianjin-Hebei region, China: Spatiotemporal characterization and regional source attributions. <i>Atmospheric Environment</i> , 2022, 286, 119225.	1.9	3
32	Aerosol Characteristics during the COVID-19 Lockdown in China: Optical Properties, Vertical Distribution, and Potential Source. <i>Remote Sensing</i> , 2022, 14, 3336.	1.8	2