

# Yiming Liu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31  
papers

699  
citations

13  
h-index

26  
g-index

39  
ext. papers

1,094  
ext. citations

6.6  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
31	Drivers of 2013-2020 ozone trends in the Sichuan Basin, China: Impacts of meteorology and precursor emission changes.. <i>Environmental Pollution</i> , <b>2022</b> , 118914	9.3	1
30	Nitrous acid in the polluted coastal atmosphere of the South China Sea: Ship emissions, budgets, and impacts.. <i>Science of the Total Environment</i> , <b>2022</b> , 153692	10.2	
29	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> , <b>2021</b> , 118874	5.3	1
28	Investigating the sources of atmospheric nitrous acid (HONO) in the megacity of Beijing, China.. <i>Science of the Total Environment</i> , <b>2021</b> , 812, 152270	10.2	1
27	Modeling Ammonia and Its Uptake by Secondary Organic Aerosol Over China. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2020JD034109	4.4	2
26	Global Changes in Secondary Atmospheric Pollutants During the 2020 COVID-19 Pandemic. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2020JD034213	4.4	26
25	Isoprene Emissions Response to Drought and the Impacts on Ozone and SOA in China. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2020JD033263	4.4	0
24	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> , <b>2021</b> , 126, e2020JD034317	4.4	3
23	Ozone Anomalies in the Free Troposphere During the COVID-19 Pandemic. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL094204	4.9	11
22	Diverse response of surface ozone to COVID-19 lockdown in China. <i>Science of the Total Environment</i> , <b>2021</b> , 789, 147739	10.2	10
21	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> , <b>2021</b> , 793, 148176	10.2	1
20	The role of anthropogenic chlorine emission in surface ozone formation during different seasons over eastern China. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 137697	10.2	9
19	Atmospheric nitrous acid (HONO) at a rural coastal site in North China: Seasonal variations and effects of biomass burning. <i>Atmospheric Environment</i> , <b>2020</b> , 229, 117429	5.3	11
18	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> , <b>2020</b> , 236, 117604	5.3	6
17	Worsening urban ozone pollution in China from 2013 to 2017 [Part I]: The complex and varying roles of meteorology. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 6305-6321	6.8	86
16	Worsening urban ozone pollution in China from 2013 to 2017 [Part II]: The effects of emission changes and implications for multi-pollutant control. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 6323-6337	6.8	74
15	Worsening urban ozone pollution in China from 2013 to 2017 [Part 1: The complex and varying roles of meteorology <b>2020</b> ,		1

14	Persistent Heavy Winter Nitrate Pollution Driven by Increased Photochemical Oxidants in Northern China. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 3881-3889	10.3	85
13	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> , <b>2020</b> , 20, 7393-7410	6.8	13
12	Vehicle emissions in a middle-sized city of China: Current status and future trends. <i>Environment International</i> , <b>2020</b> , 137, 105514	12.9	21
11	Summertime ozone pollution in Sichuan Basin, China: Meteorological conditions, sources and process analysis. <i>Atmospheric Environment</i> , <b>2020</b> , 226, 117392	5.3	30
10	Exploring 2016-2017 surface ozone pollution over China: source contributions and meteorological influences. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 8339-8361	6.8	127
9	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> , <b>2018</b> , 18, 2049-2064	6.8	27
8	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> , <b>2018</b> , 18, 2709-2724	6.8	35
7	Factors dominating 3-dimensional ozone distribution during high tropospheric ozone period. <i>Environmental Pollution</i> , <b>2018</b> , 232, 55-64	9.3	17
6	Source-receptor relationships for PM during typical pollution episodes in the Pearl River Delta city cluster, China. <i>Science of the Total Environment</i> , <b>2017</b> , 596-597, 194-206	10.2	24
5	Impact of Land-Use Change on Atmospheric Environment Using Refined Land Surface Properties in the Pearl River Delta, China. <i>Advances in Meteorology</i> , <b>2016</b> , 2016, 1-15	1.7	10
4	Process analysis of regional aerosol pollution during spring in the Pearl River Delta region, China. <i>Atmospheric Environment</i> , <b>2015</b> , 122, 829-838	5.3	31
3	Diagnostic Analysis of the Sulfate Aerosol Pollution in Spring over Pearl River Delta, China. <i>Aerosol and Air Quality Research</i> , <b>2015</b> , 15, 46-57	4.6	5
2	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> , <b>2015</b> , 15, 2232-2245	4.6	17
1	Effect of different meteorological fields on the regional air quality modelling over Pearl River Delta, China. <i>International Journal of Environment and Pollution</i> , <b>2013</b> , 53, 3	0.7	12