

# Xiao Fu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3828796/publications.pdf>

Version: 2024-02-01

29  
papers

2,845  
citations

279798

23  
h-index

477307

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission inventory of primary pollutants and chemical speciation in 2010 for the Yangtze River Delta region, China. <i>Atmospheric Environment</i> , 2013, 70, 39-50.	4.1	286
2	Emission trends and mitigation options for air pollutants in East Asia. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6571-6603.	4.9	269
3	Change in household fuels dominates the decrease in PM <sub>2.5</sub> exposure and premature mortality in China in 2005–2015. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12401-12406.	7.1	262
4	Impact of national NO <sub>x</sub> and SO <sub>2</sub> control policies on particulate matter pollution in China. <i>Atmospheric Environment</i> , 2013, 77, 453-463.	4.1	199
5	Impact of biomass burning on haze pollution in the Yangtze River delta, China: a case study in summer 2011. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4573-4585.	4.9	198
6	Persistent Heavy Winter Nitrate Pollution Driven by Increased Photochemical Oxidants in Northern China. <i>Environmental Science &amp; Technology</i> , 2020, 54, 3881-3889.	10.0	180
7	Long-term trend of haze pollution and impact of particulate matter in the Yangtze River Delta, China. <i>Environmental Pollution</i> , 2013, 182, 101-110.	7.5	179
8	Increasing Ammonia Concentrations Reduce the Effectiveness of Particle Pollution Control Achieved via SO <sub>2</sub> and NO <sub>x</sub> Emissions Reduction in East China. <i>Environmental Science and Technology Letters</i> , 2017, 4, 221-227.	8.7	142
9	Characteristics and source apportionment of PM <sub>2.5</sub> during a fall heavy haze episode in the Yangtze River Delta of China. <i>Atmospheric Environment</i> , 2015, 123, 380-391.	4.1	140
10	The significant contribution of HONO to secondary pollutants during a severe winter pollution event in southern China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1-14.	4.9	109
11	Environmental effects of the recent emission changes in China: implications for particulate matter pollution and soil acidification. <i>Environmental Research Letters</i> , 2013, 8, 024031.	5.2	101
12	Source-specific speciation profiles of PM <sub>2.5</sub> for heavy metals and their anthropogenic emissions in China. <i>Environmental Pollution</i> , 2018, 239, 544-553.	7.5	100
13	Anthropogenic Emissions of Hydrogen Chloride and Fine Particulate Chloride in China. <i>Environmental Science &amp; Technology</i> , 2018, 52, 1644-1654.	10.0	88
14	Source, transport and impacts of a heavy dust event in the Yangtze River Delta, China, in 2011. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1239-1254.	4.9	78
15	Estimating NH <sub>3</sub> emissions from agricultural fertilizer application in China using the bi-directional CMAQ model coupled to an agro-ecosystem model. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6637-6649.	4.9	70
16	Modeling analysis of secondary inorganic aerosols over China: pollution characteristics, and meteorological and dust impacts. <i>Scientific Reports</i> , 2016, 6, 35992.	3.3	69
17	A network equilibrium approach for modelling activity-travel pattern scheduling problems in multi-modal transit networks with uncertainty. <i>Transportation</i> , 2014, 41, 37-55.	4.0	64
18	Reactive Nitrogen Chemistry Reshapes the Relationship of Ozone to Its Precursors. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2810-2818.	10.0	44

#	ARTICLE	IF	CITATIONS
19	Effects of Anthropogenic Chlorine on PM <sub>2.5</sub> and Ozone Air Quality in China. Environmental Science & Technology, 2020, 54, 9908-9916.	10.0	38
20	Local and Regional Contributions to Fine Particle Pollution in Winter of the Yangtze River Delta, China. Aerosol and Air Quality Research, 2016, 16, 1067-1080.	2.1	37
21	Heterogeneous N <sub>2</sub> O <sub>5</sub> reactions on atmospheric aerosols at four Chinese sites: improving model representation of uptake parameters. Atmospheric Chemistry and Physics, 2020, 20, 4367-4378.	4.9	33
22	Potential Effect of Halogens on Atmospheric Oxidation and Air Quality in China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032058.	3.3	30
23	Agricultural Fertilization Aggravates Air Pollution by Stimulating Soil Nitrous Acid Emissions at High Soil Moisture. Environmental Science & Technology, 2021, 55, 14556-14566.	10.0	27
24	Modelling impacts of adverse weather conditions on activity travel pattern scheduling in multi-modal transit networks. Transportmetrica B, 2014, 2, 151-167.	2.3	24
25	Halogens Enhance Haze Pollution in China. Environmental Science & Technology, 2021, 55, 13625-13637.	10.0	22
26	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. Atmospheric Environment, 2020, 236, 117604.	4.1	20
27	Photoinduced Production of Chlorine Molecules from Titanium Dioxide Surfaces Containing Chloride. Environmental Science and Technology Letters, 2020, 7, 70-75.	8.7	12
28	Insights into extinction evolution during extreme low visibility events: Case study of Shanghai, China. Science of the Total Environment, 2018, 618, 793-803.	8.0	10
29	Isoprene Emissions Response to Drought and the Impacts on Ozone and SOA in China. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033263.	3.3	10