

Xiao Fu

List of Publications by Year in descending order

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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	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.	3.3	10
2	Halogens Enhance Haze Pollution in China. <i>Environmental Science & Technology</i> , 2021, 55, 13625-13637.	10.0	22
3	Agricultural Fertilization Aggravates Air Pollution by Stimulating Soil Nitrous Acid Emissions at High Soil Moisture. <i>Environmental Science & Technology</i> , 2021, 55, 14556-14566.	10.0	27
4	Heterogeneous N ₂ O ₅ reactions on atmospheric aerosols at four Chinese sites: improving model representation of uptake parameters. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 4367-4378.	4.9	33
5	The impact of sea-salt chloride on ozone through heterogeneous reaction with N ₂ O ₅ in a coastal region of south China. <i>Atmospheric Environment</i> , 2020, 236, 117604.	4.1	20
6	Persistent Heavy Winter Nitrate Pollution Driven by Increased Photochemical Oxidants in Northern China. <i>Environmental Science & Technology</i> , 2020, 54, 3881-3889.	10.0	180
7	Effects of Anthropogenic Chlorine on PM _{2.5} and Ozone Air Quality in China. <i>Environmental Science & Technology</i> , 2020, 54, 9908-9916.	10.0	38
8	Photoinduced Production of Chlorine Molecules from Titanium Dioxide Surfaces Containing Chloride. <i>Environmental Science and Technology Letters</i> , 2020, 7, 70-75.	8.7	12
9	Potential Effect of Halogens on Atmospheric Oxidation and Air Quality in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032058.	3.3	30
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	Anthropogenic Emissions of Hydrogen Chloride and Fine Particulate Chloride in China. <i>Environmental Science & Technology</i> , 2018, 52, 1644-1654.	10.0	88
12	Reactive Nitrogen Chemistry Reshapes the Relationship of Ozone to Its Precursors. <i>Environmental Science & Technology</i> , 2018, 52, 2810-2818.	10.0	44
13	Source-specific speciation profiles of PM _{2.5} for heavy metals and their anthropogenic emissions in China. <i>Environmental Pollution</i> , 2018, 239, 544-553.	7.5	100
14	Insights into extinction evolution during extreme low visibility events: Case study of Shanghai, China. <i>Science of the Total Environment</i> , 2018, 618, 793-803.	8.0	10
15	Change in household fuels dominates the decrease in PM _{2.5} 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
16	Increasing Ammonia Concentrations Reduce the Effectiveness of Particle Pollution Control Achieved via SO ₂ and NO _x Emissions Reduction in East China. <i>Environmental Science and Technology Letters</i> , 2017, 4, 221-227.	8.7	142
17	Local and Regional Contributions to Fine Particle Pollution in Winter of the Yangtze River Delta, China. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1067-1080.	2.1	37
18	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

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19	Estimating NH ₃ emissions from agricultural fertilizer application in China using the bi-directional CMAQ model coupled to an agro-ecosystem model. Atmospheric Chemistry and Physics, 2015, 15, 6637-6649.	4.9	70
20	Characteristics and source apportionment of PM _{2.5} during a fall heavy haze episode in the Yangtze River Delta of China. Atmospheric Environment, 2015, 123, 380-391.	4.1	140
21	A network equilibrium approach for modelling activity-travel pattern scheduling problems in multi-modal transit networks with uncertainty. Transportation, 2014, 41, 37-55.	4.0	64
22	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
23	Impact of biomass burning on haze pollution in the Yangtze River delta, China: a case study in summer 2011. Atmospheric Chemistry and Physics, 2014, 14, 4573-4585.	4.9	198
24	Source, transport and impacts of a heavy dust event in the Yangtze River Delta, China, in 2011. Atmospheric Chemistry and Physics, 2014, 14, 1239-1254.	4.9	78
25	Emission trends and mitigation options for air pollutants in East Asia. Atmospheric Chemistry and Physics, 2014, 14, 6571-6603.	4.9	269
26	Impact of national NO _x and SO ₂ control policies on particulate matter pollution in China. Atmospheric Environment, 2013, 77, 453-463.	4.1	199
27	Long-term trend of haze pollution and impact of particulate matter in the Yangtze River Delta, China. Environmental Pollution, 2013, 182, 101-110.	7.5	179
28	Emission inventory of primary pollutants and chemical speciation in 2010 for the Yangtze River Delta region, China. Atmospheric Environment, 2013, 70, 39-50.	4.1	286
29	Environmental effects of the recent emission changes in China: implications for particulate matter pollution and soil acidification. Environmental Research Letters, 2013, 8, 024031.	5.2	101