Men Xia

List of Publications by Year in Descending Order

29 papers	305 citations	10 h-index	16 g-index
42 ext. papers	487 ext. citations	8 avg, IF	3.31 L-index

#	Paper	IF	Citations
29	Large Daytime Molecular Chlorine Missing Source at a Suburban Site in East China. *Journal of Geophysical Research D: Atmospheres*, **2022**, 127,	4.4	1
28	Photodissociation of particulate nitrate as a source of daytime tropospheric Cl.. *Nature Communications*, **2022**, 13, 939	17.4	2
27	Nitrous acid in the polluted coastal atmosphere of the South China Sea: Ship emissions, budgets, and impacts.. *Science of the Total Environment*, **2022**, 153692	10.2	
26	Secondary Formation and Impacts of Gaseous Nitro-Phenolic Compounds in the Continental Outflow Observed at a Background Site in South China. *Environmental Science & Technology*, **2021**,	10.3	2
25	Investigating the sources of atmospheric nitrous acid (HONO) in the megacity of Beijing, China.. *Science of the Total Environment*, **2021**, 812, 152270	10.2	1
24	Winter ClNO₂ formation in the region of fresh anthropogenic emissions: seasonal variability and insights into daytime peaks in northern China. *Atmospheric Chemistry and Physics*, **2021**, 21, 15985-16000	6.8	2
23	An unexpected large continental source of reactive bromine and chlorine with significant impact on wintertime air quality. *National Science Review*, **2021**, 8, nwaa304	10.8	10
22	Impact of reduced anthropogenic emissions during COVID-19 on air quality in India. *Atmospheric Chemistry and Physics*, **2021**, 21, 4025-4037	6.8	12
21	Unexpected enhancement of ozone exposure and health risks during National Day in China. *Atmospheric Chemistry and Physics*, **2021**, 21, 10347-10356	6.8	3
20	Observations by Ground-Based MAX-DOAS of the Vertical Characters of Winter Pollution and the Influencing Factors of HONO Generation in Shanghai, China. *Remote Sensing*, **2021**, 13, 3518	5	1
19	Heterogeneous N₂O₅ reactions on atmospheric aerosols at four Chinese sites: improving model representation of uptake parameters. *Atmospheric Chemistry and Physics*, **2020**, 20, 4367-4378	6.8	15
18	The impact of sea-salt chloride on ozone through heterogeneous reaction with N2O5 in a coastal region of south China. *Atmospheric Environment*, **2020**, 236, 117604	5.3	6
17	Significant production of ClNO₂ and possible source of Cl₂ from N₂O₅ uptake at a suburban site in eastern China. *Atmospheric Chemistry and Physics*, **2020**, 20, 6147-6158	6.8	8
16	Chemical characteristics of cloud water and the impacts on aerosol properties at a subtropical mountain site in Hong Kong SAR. *Atmospheric Chemistry and Physics*, **2020**, 20, 391-407	6.8	8
15	Photoinduced Production of Chlorine Molecules from Titanium Dioxide Surfaces Containing Chloride. *Environmental Science and Technology Letters*, **2020**, 7, 70-75	11	8
14	Vehicle emissions in a middle-sized city of China: Current status and future trends. *Environment International*, **2020**, 137, 105514	12.9	21
13	The significant contribution of HONO to secondary pollutants during a severe winter pollution event in southern China. *Atmospheric Chemistry and Physics*, **2019**, 19, 1-14	6.8	61

12	Chemical characteristics of cloud water and the impacts on aerosol properties at a subtropical mountain site in Hong Kong **2019**,		1
11	Heterogeneous Uptake of N2O5 in Sand Dust and Urban Aerosols Observed during the Dry Season in Beijing. *Atmosphere*, **2019**, 10, 204	2.7	13
10	Characterization of organic aerosols and their precursors in southern China during a severe haze episode in January 2017. *Science of the Total Environment*, **2019**, 691, 101-111	10.2	16
9	Heterogeneous N₂O₅ reactions on atmospheric aerosols at four Chinese sites: Improving model representation of uptake parameters **2019**,		1
8	Abundance and origin of fine particulate chloride in continental China. *Science of the Total Environment*, **2018**, 624, 1041-1051	10.2	34
7	Nitrate formation from heterogeneous uptake of dinitrogen pentoxide during a severe winter haze in southern China. *Atmospheric Chemistry and Physics*, **2018**, 18, 17515-17527	6.8	41
6	An in situ flow tube system for direct measurement of N₂O₅ heterogeneous uptake coefficients in polluted environments. *Atmospheric Measurement Techniques*, **2018**, 11, 5643-5655	4	3
5	Nitrate formation from heterogeneous uptake of dinitrogen pentoxide during a severe winter haze in southern China **2018**,		1
4	Pathways of conversion of nitrogen oxides by nano TiO2 incorporated in cement-based materials. *Building and Environment*, **2018**, 144, 412-418	6.5	23
3	Impact of reduced anthropogenic emissions during COVID-19 on air quality in India		2
2	Significant production of ClNO2 and possible source of Cl2 from N2O5 uptake at a suburban site in eastern China		3
1	An unexpected large continental source of reactive bromine and chlorine with significant impact on wintertime air quality		3