

# Chunxiang Ye

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

961  
citations

471509

17  
h-index

552781

26  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1251  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplitude-Modulated Cavity-Enhanced Absorption Spectroscopy with Phase-Sensitive Detection: A New Approach Applied to the Fast and Sensitive Detection of NO <sub>2</sub> . <i>Analytical Chemistry</i> , 2022, , .	6.5	4
2	An investigation into the chemistry of HONO in the marine boundary layer at Tudor Hill Marine Atmospheric Observatory in Bermuda. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 6327-6346.	4.9	12
3	Insights into air pollution chemistry and sulphate formation from nitrous acid (HONO) measurements during haze events in Beijing. <i>Faraday Discussions</i> , 2021, 226, 223-238.	3.2	9
4	Low-NO atmospheric oxidation pathways in a polluted megacity. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1613-1625.	4.9	24
5	Evaluating the sensitivity of radical chemistry and ozone formation to ambient VOCs and NO <sub>x</sub> in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2125-2147.	4.9	64
6	Observations of speciated isoprene nitrates in Beijing: implications for isoprene chemistry. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6315-6330.	4.9	4
7	Comprehensive Study about the Photolysis of Nitrates on Mineral Oxides. <i>Environmental Science &amp; Technology</i> , 2021, 55, 8604-8612.	10.0	25
8	High-resolution vertical distribution and sources of HONO and NO <sub>2</sub> in the nocturnal boundary layer in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5071-5092.	4.9	40
9	Implementation of a chemical background method for atmospheric OH measurements by laser-induced fluorescence: characterisation and observations from the UK and China. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3119-3146.	3.1	18
10	The Key Role of Sulfate in the Photochemical Renoxification on Real PM <sub>2.5</sub> . <i>Environmental Science &amp; Technology</i> , 2020, 54, 3121-3128.	10.0	24
11	Elevated levels of OH observed in haze events during wintertime in central Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14847-14871.	4.9	62
12	Relative humidity and O <sub>3</sub> concentration as two prerequisites for sulfate formation. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12295-12307.	4.9	39
13	Matrix effect on surface-catalyzed photolysis of nitric acid. <i>Scientific Reports</i> , 2019, 9, 4351.	3.3	18
14	Using wavelet transform to analyse on-road mobile measurements of air pollutants: a case study to evaluate vehicle emission control policies during the 2014 APEC summit. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 13841-13857.	4.9	8
15	Atmospheric Heterogeneous and Multiphase Chemistry and Its Implications for Air Pollution in China. , 2019, , 83-167.		1
16	Tropospheric HONO distribution and chemistry in the southeastern US. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 9107-9120.	4.9	22
17	Photolysis of Particulate Nitrate as a Source of HONO and NO <sub>x</sub> . <i>Environmental Science &amp; Technology</i> , 2017, 51, 6849-6856.	10.0	145
18	Synergistic effect of nitrate-doped TiO <sub>2</sub> aerosols on the fast photochemical oxidation of formaldehyde. <i>Scientific Reports</i> , 2017, 7, 1161.	3.3	11

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19	Evaluation of Novel Routes for NO <sub>x</sub> Formation in Remote Regions. <i>Environmental Science &amp; Technology</i> , 2017, 51, 7442-7449.	10.0	23
20	Photolysis of Nitric Acid and Nitrate on Natural and Artificial Surfaces. <i>Environmental Science &amp; Technology</i> , 2016, 50, 3530-3536.	10.0	102
21	Rapid cycling of reactive nitrogen in the marine boundary layer. <i>Nature</i> , 2016, 532, 489-491.	27.8	159
22	Observation of regional air pollutant transport between the megacity Beijing and the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14265-14283.	4.9	34
23	Distribution and sources of air pollutants in the North China Plain based on on-road mobile measurements. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 12551-12565.	4.9	22
24	Chemistry-turbulence interactions and mesoscale variability influence the cleansing efficiency of the atmosphere. <i>Geophysical Research Letters</i> , 2015, 42, 10,894.	4.0	30
25	Comment on "Missing gas-phase source of HONO inferred from Zeppelin measurements in the troposphere". <i>Science</i> , 2015, 348, 1326-1326.	12.6	19
26	Heterogeneous reaction of NO <sub>2</sub> on the surface of montmorillonite particles. <i>Journal of Environmental Sciences</i> , 2012, 24, 1753-1758.	6.1	15
27	Heterogeneous reaction of NO <sub>2</sub> with sea salt particles. <i>Science China Chemistry</i> , 2010, 53, 2652-2656.	8.2	13