# Chunxiang Ye

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4989304/publications.pdf

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| 27 | 961 | 471371 17 | 552653 26 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 54 | 54 | 54 | 1251 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Rapid cycling of reactive nitrogen in the marine boundary layer. Nature, 2016, 532, 489-491. | 13.7 | 159 |
| 2 | Photolysis of Particulate Nitrate as a Source of HONO and NO<sub>x</sub>. Environmental Science & Technology, 2017, 51, 6849-6856. | 4.6 | 145 |
| 3 | Photolysis of Nitric Acid and Nitrate on Natural and Artificial Surfaces. Environmental Science & Technology, 2016, 50, 3530-3536. | 4.6 | 102 |
| 4 | Evaluating the sensitivity of radical chemistry and ozone formation to ambient VOCs and NO<sub><i>x</i></sub> in Beijing. Atmospheric Chemistry and Physics, 2021, 21, 2125-2147. | 1.9 | 64 |
| 5 | Elevated levels of OH observed in haze events during wintertime in central Beijing. Atmospheric Chemistry and Physics, 2020, 20, 14847-14871. | 1.9 | 62 |
| 6 | High-resolution vertical distribution and sources of HONO and NO<sub>2</sub> in the nocturnal boundary layer in urban Beijing, China. Atmospheric Chemistry and Physics, 2020, 20, 5071-5092. | 1.9 | 40 |
| 7 | Relative humidity and O<sub>3</sub> concentration as two prerequisites for sulfate formation. Atmospheric Chemistry and Physics, 2019, 19, 12295-12307. | 1.9 | 39 |
| 8 | Observation of regional air pollutant transport between the megacity Beijing and the North China Plain. Atmospheric Chemistry and Physics, 2016, 16, 14265-14283. | 1.9 | 34 |
| 9 | Chemistryâ€turbulence interactions and mesoscale variability influence the cleansing efficiency of the atmosphere. Geophysical Research Letters, 2015, 42, 10,894. | 1.5 | 30 |
| 10 | Comprehensive Study about the Photolysis of Nitrates on Mineral Oxides. Environmental Science & Technology, 2021, 55, 8604-8612. | 4.6 | 25 |
| 11 | The Key Role of Sulfate in the Photochemical Renoxification on Real PM<sub>2.5</sub>. Environmental Science & Technology, 2020, 54, 3121-3128. | 4.6 | 24 |
| 12 | Low-NO atmospheric oxidation pathways in a polluted megacity. Atmospheric Chemistry and Physics, 2021, 21, 1613-1625. | 1.9 | 24 |
| 13 | Evaluation of Novel Routes for NO<sub>x</sub> Formation in Remote Regions. Environmental Science & Technology, 2017, 51, 7442-7449. | 4.6 | 23 |
| 14 | Distribution and sources of air pollutants in the North China Plain based on on-road mobile measurements. Atmospheric Chemistry and Physics, 2016, 16, 12551-12565. | 1.9 | 22 |
| 15 | Tropospheric HONO distribution and chemistry in the southeastern US. Atmospheric Chemistry and Physics, 2018, 18, 9107-9120. | 1.9 | 22 |
| 16 | Comment on â€œMissing gas-phase source of HONO inferred from Zeppelin measurements in the troposphereâ€• Science, 2015, 348, 1326-1326. | 6.0 | 19 |
| 17 | Matrix effect on surface-catalyzed photolysis of nitric acid. Scientific Reports, 2019, 9, 4351. | 1.6 | 18 |
| 18 | Implementation of a chemical background method for atmospheric OH measurements by laser-induced fluorescence: characterisation and observations from the UK and China. Atmospheric Measurement Techniques, 2020, 13, 3119-3146. | 1.2 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Heterogeneous reaction of NO2 on the surface of montmorillonite particles. Journal of Environmental Sciences, 2012, 24, 1753-1758. | 3.2 | 15 |
| 20 | Heterogeneous reaction of NO2 with sea salt particles. Science China Chemistry, 2010, 53, 2652-2656. | 4.2 | 13 |
| 21 | An investigation into the chemistry of HONO in the marine boundary layer at Tudor Hill Marine Atmospheric Observatory in Bermuda. Atmospheric Chemistry and Physics, 2022, 22, 6327-6346. | 1.9 | 12 |
| 22 | Synergistic effect of nitrate-doped TiO2 aerosols on the fast photochemical oxidation of formaldehyde. Scientific Reports, 2017, 7, 1161. | 1.6 | 11 |
| 23 | Insights into air pollution chemistry and sulphate formation from nitrous acid (HONO) measurements during haze events in Beijing. Faraday Discussions, 2021, 226, 223-238. | 1.6 | 9 |
| 24 | 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. Atmospheric Chemistry and Physics, 2019, 19, 13841-13857. | 1.9 | 8 |
| 25 | Observations of speciated isoprene nitrates in Beijing: implications for isoprene chemistry. Atmospheric Chemistry and Physics, 2021, 21, 6315-6330. | 1.9 | 4 |
| 26 | Amplitude-Modulated Cavity-Enhanced Absorption Spectroscopy with Phase-Sensitive Detection: A New Approach Applied to the Fast and Sensitive Detection of NO2. Analytical Chemistry, 2022, , . | 3.2 | 4 |
| 27 | Atmospheric Heterogeneous and Multiphase Chemistry and Its Implications for Air Pollution in China. , 2019, , 83-167. | | 1 |