

Men Xia

List of Publications by Citations

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 | 6.8 | 61 |
| 28 | Nitrate formation from heterogeneous uptake of dinitrogen pentoxide during a severe winter haze in southern China. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 17515-17527 | 6.8 | 41 |
| 27 | Abundance and origin of fine particulate chloride in continental China. <i>Science of the Total Environment</i> , 2018 , 624, 1041-1051 | 10.2 | 34 |
| 26 | Pathways of conversion of nitrogen oxides by nano TiO ₂ incorporated in cement-based materials. <i>Building and Environment</i> , 2018 , 144, 412-418 | 6.5 | 23 |
| 25 | Vehicle emissions in a middle-sized city of China: Current status and future trends. <i>Environment International</i> , 2020 , 137, 105514 | 12.9 | 21 |
| 24 | Characterization of organic aerosols and their precursors in southern China during a severe haze episode in January 2017. <i>Science of the Total Environment</i> , 2019 , 691, 101-111 | 10.2 | 16 |
| 23 | 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 | 6.8 | 15 |
| 22 | Heterogeneous Uptake of N ₂ O ₅ in Sand Dust and Urban Aerosols Observed during the Dry Season in Beijing. <i>Atmosphere</i> , 2019 , 10, 204 | 2.7 | 13 |
| 21 | Impact of reduced anthropogenic emissions during COVID-19 on air quality in India. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 4025-4037 | 6.8 | 12 |
| 20 | An unexpected large continental source of reactive bromine and chlorine with significant impact on wintertime air quality. <i>National Science Review</i> , 2021 , 8, nwaa304 | 10.8 | 10 |
| 19 | Significant production of ClNO ₂ and possible source of Cl ₂ from N ₂ O ₅ uptake at a suburban site in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 6147-6158 | 6.8 | 8 |
| 18 | Chemical characteristics of cloud water and the impacts on aerosol properties at a subtropical mountain site in Hong Kong SAR. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 391-407 | 6.8 | 8 |
| 17 | Photoinduced Production of Chlorine Molecules from Titanium Dioxide Surfaces Containing Chloride. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 70-75 | 11 | 8 |
| 16 | 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 | 5.3 | 6 |
| 15 | Significant production of ClNO ₂ and possible source of Cl ₂ from N ₂ O ₅ uptake at a suburban site in eastern China | | 3 |
| 14 | Unexpected enhancement of ozone exposure and health risks during National Day in China. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 10347-10356 | 6.8 | 3 |
| 13 | An in situ flow tube system for direct measurement of N ₂ O ₅ heterogeneous uptake coefficients in polluted environments. <i>Atmospheric Measurement Techniques</i> , 2018 , 11, 5643-5655 | 4 | 3 |

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| 12 | An unexpected large continental source of reactive bromine and chlorine with significant impact on wintertime air quality | | 3 |
| 11 | Secondary Formation and Impacts of Gaseous Nitro-Phenolic Compounds in the Continental Outflow Observed at a Background Site in South China. <i>Environmental Science & Technology</i> , 2021 , | 10.3 | 2 |
| 10 | Impact of reduced anthropogenic emissions during COVID-19 on air quality in India | | 2 |
| 9 | Winter ClNO_2 formation in the region of fresh anthropogenic emissions: seasonal variability and insights into daytime peaks in northern China. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 15985-16000 | 6.8 | 2 |
| 8 | Photodissociation of particulate nitrate as a source of daytime tropospheric Cl. <i>Nature Communications</i> , 2022 , 13, 939 | 17.4 | 2 |
| 7 | Chemical characteristics of cloud water and the impacts on aerosol properties at a subtropical mountain site in Hong Kong 2019 , | | 1 |
| 6 | Large Daytime Molecular Chlorine Missing Source at a Suburban Site in East China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022 , 127, | 4.4 | 1 |
| 5 | Investigating the sources of atmospheric nitrous acid (HONO) in the megacity of Beijing, China.. <i>Science of the Total Environment</i> , 2021 , 812, 152270 | 10.2 | 1 |
| 4 | Heterogeneous N_2O_5 reactions on atmospheric aerosols at four Chinese sites: Improving model representation of uptake parameters 2019 , | | 1 |
| 3 | Nitrate formation from heterogeneous uptake of dinitrogen pentoxide during a severe winter haze in southern China 2018 , | | 1 |
| 2 | Observations by Ground-Based MAX-DOAS of the Vertical Characters of Winter Pollution and the Influencing Factors of HONO Generation in Shanghai, China. <i>Remote Sensing</i> , 2021 , 13, 3518 | 5 | 1 |
| 1 | Nitrous acid in the polluted coastal atmosphere of the South China Sea: Ship emissions, budgets, and impacts.. <i>Science of the Total Environment</i> , 2022 , 153692 | 10.2 | |