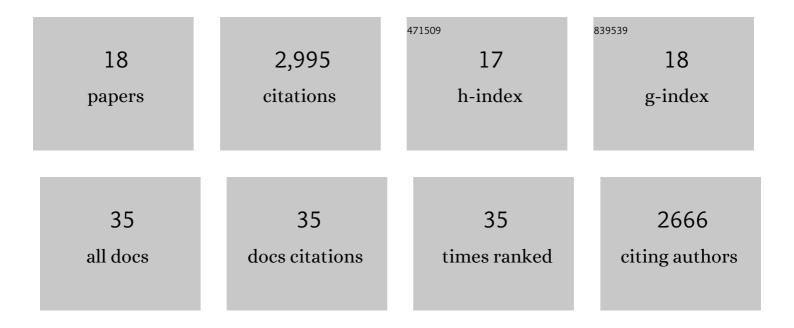
Penglin Ye

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Chemical characterization of oxygenated organic compounds in the gas phase and particle phase using iodide CIMS with FIGAERO in urban air. Atmospheric Chemistry and Physics, 2021, 21, 8455-8478. | 4.9 | 35 |
| 2 | The driving factors of new particle formation and growth in the polluted boundary layer. Atmospheric Chemistry and Physics, 2021, 21, 14275-14291. | 4.9 | 38 |
| 3 | Size-dependent influence of NO _x on the growth rates of organic aerosol particles. Science Advances, 2020, 6, eaay4945. | 10.3 | 61 |
| 4 | Photo-oxidation of Aromatic Hydrocarbons Produces Low-Volatility Organic Compounds. Environmental Science & Technology, 2020, 54, 7911-7921. | 10.0 | 66 |
| 5 | Molecular understanding of the suppression of new-particle formation by isoprene. Atmospheric Chemistry and Physics, 2020, 20, 11809-11821. | 4.9 | 49 |
| 6 | Molecular understanding of new-particle formation from <i>α</i> -pinene between â^'50 and +25 °C. Atmospheric Chemistry and Physics, 2020, 20, 9183-9207. | 4.9 | 68 |
| 7 | New particle formation in the sulfuric acid–dimethylamine–water system: reevaluation of CLOUD chamber measurements and comparison to an aerosol nucleation and growth model. Atmospheric Chemistry and Physics, 2018, 18, 845-863. | 4.9 | 92 |
| 8 | Influence of temperature on the molecular composition of ions and charged clusters during pure biogenic nucleation. Atmospheric Chemistry and Physics, 2018, 18, 65-79. | 4.9 | 56 |
| 9 | Multicomponent new particle formation from sulfuric acid, ammonia, and biogenic vapors. Science Advances, 2018, 4, eaau5363. | 10.3 | 164 |
| 10 | Production of N ₂ O ₅ and ClNO ₂ in summer in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 11581-11597. | 4.9 | 57 |
| 11 | Secondary organic aerosol production from pinanediol, a semi-volatile surrogate for first-generation oxidation products of monoterpenes. Atmospheric Chemistry and Physics, 2018, 18, 6171-6186. | 4.9 | 8 |
| 12 | Rapid growth of organic aerosol nanoparticles over a wide tropospheric temperature range. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9122-9127. | 7.1 | 118 |
| 13 | The role of ions in new particle formation in the CLOUD chamber. Atmospheric Chemistry and Physics, 2017, 17, 15181-15197. | 4.9 | 50 |
| 14 | Experimental particle formation rates spanning tropospheric sulfuric acid and ammonia abundances, ion production rates, and temperatures. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,377. | 3.3 | 71 |
| 15 | The role of low-volatility organic compounds in initial particle growth in the atmosphere. Nature, 2016, 533, 527-531. | 27.8 | 540 |
| 16 | Ion-induced nucleation of pure biogenic particles. Nature, 2016, 533, 521-526. | 27.8 | 528 |
| 17 | Neutral molecular cluster formation of sulfuric acid–dimethylamine observed in real time under atmospheric conditions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15019-15024. | 7.1 | 208 |
| 18 | Molecular understanding of sulphuric acid–amine particle nucleation in the atmosphere. Nature, 2013, 502, 359-363. | 27.8 | 774 |