Ximeng Qi

List of Publications by Year
in descending order

23 papers	1,562 citations	471477 17 h-index	642715 23 g-index
23 all docs	23 docs citations	23 times ranked	2196 citing authors

#	Article	IF	Citations
1	The striking effect of vertical mixing in the planetary boundary layer on new particle formation in the Yangtze River Delta. Science of the Total Environment, 2022, 829, 154607.	8.0	11
2	Enhanced secondary pollution offset reduction of primary emissions during COVID-19 lockdown in China. National Science Review, 2021, 8, nwaa137.	9.5	493
3	Multifunctional Products of Isoprene Oxidation in Polluted Atmosphere and Their Contribution to SOA. Geophysical Research Letters, 2021, 48, e2020GL089276.	4.0	24
4	Toward Building a Physical Proxy for Gas-Phase Sulfuric Acid Concentration Based on Its Budget Analysis in Polluted Yangtze River Delta, East China. Environmental Science & Technology, 2021, 55, 6665-6676.	10.0	20
5	Cluster Analysis of Submicron Particle Number Size Distributions at the SORPES Station in the Yangtze River Delta of East China. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034004.	3.3	13
6	Formation of condensable organic vapors from anthropogenic and biogenic volatile organic compounds (VOCs) is strongly perturbed by NO_{<i>x</i>} in eastern China. Atmospheric Chemistry and Physics, 2021, 21, 14789-14814.	4.9	26
7	Secondary aerosol formation and its linkage with synoptic conditions during winter haze pollution over eastern China. Science of the Total Environment, 2020, 730, 138888.	8.0	24
8	A Comparison Study of Indoor and Outdoor Air Quality in Nanjing, China. Aerosol and Air Quality Research, 2020, 20, 2128-2141.	2.1	10
9	Significant reduction of PM_{2.5} in eastern China due to regional-scale emission control: evidence from SORPES in 2011â€“2018. Atmospheric Chemistry and Physics, 2019, 19, 11791-11801.	4.9	148
10	Direct measurement of new particle formation based on tethered airship around the top of the planetary boundary layer in eastern China. Atmospheric Environment, 2019, 209, 92-101.	4.1	26
11	Estimating cloud condensation nuclei number concentrations using aerosol optical properties: role of particle number size distribution and parameterization. Atmospheric Chemistry and Physics, 2019, 19, 15483-15502.	4.9	10
12	Ozone from fireworks: Chemical processes or measurement interference?. Science of the Total Environment, 2018, 633, 1007-1011.	8.0	16
13	Two years of online measurement of fine particulate nitrate in the western Yangtze River Delta: influences of thermodynamics and N₂O₅ hydrolysis. Atmospheric Chemistry and Physics, 2018, 18, 17177-17190.	4.9	46
14	Modelling studies of HOMs and their contributions to new particle formation and growth: comparison of boreal forest in Finland and a polluted environment in China. Atmospheric Chemistry and Physics, 2018, 18, 11779-11791.	4.9	29
15	Light absorption of brown carbon in eastern China based on 3-year multi-wavelength aerosol optical property observations and an improved absorption Ã…ngstrÃ¶m exponent segregation method. Atmospheric Chemistry and Physics, 2018, 18, 9061-9074.	4.9	68
16	Aerosol optical properties at SORPES in Nanjing, east China. Atmospheric Chemistry and Physics, 2018, 18, 5265-5292.	4.9	33
17	Measurements of sub-3â€¯nm particles using a particle size magnifier in different environments: from clean mountain top to polluted megacities. Atmospheric Chemistry and Physics, 2017, 17, 2163-2187.	4.9	71
18	Analysis of aerosol effects on warm clouds over the Yangtze River Delta from multi-sensor satellite observations. Atmospheric Chemistry and Physics, 2017, 17, 5623-5641.	4.9	45

#	Article	IF	Citations
19	Comprehensive modelling study on observed new particle formation at the SORPES station in Nanjing, China. Atmospheric Chemistry and Physics, 2016, 16, 2477-2492.	4.9	47
20	Enhanced sulfate formation by nitrogen dioxide: Implications from in situ observations at the SORPES station. Journal of Geophysical Research D: Atmospheres, 2015, 120, 12679-12694.	3.3	122
21	Influence of biomass burning plumes on HONO chemistry in eastern China. Atmospheric Chemistry and Physics, 2015, 15, 1147-1159.	4.9	96
22	Aerosol size distribution and new particle formation in the western Yangtze River Delta of China: 2 years of measurements at the SORPES station. Atmospheric Chemistry and Physics, 2015, 15, 12445-12464.	4.9	112
23	Aerosols and nucleation in eastern China: first insights from the new SORPES-NJU station. Atmospheric Chemistry and Physics, 2014, 14, 2169-2183.	4.9	72