

# Ximeng Qi

## List of Publications by Year in descending order

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23  
papers

1,562  
citations

471509

17  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

2196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced secondary pollution offset reduction of primary emissions during COVID-19 lockdown in China. <i>National Science Review</i> , 2021, 8, nwaa137.	9.5	493
2	Significant reduction of PM <sub>2.5</sub> in eastern China due to regional-scale emission control: evidence from SORPES in 2011–2018. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11791-11801.	4.9	148
3	Enhanced sulfate formation by nitrogen dioxide: Implications from in situ observations at the SORPES station. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 12679-12694.	3.3	122
4	Aerosol size distribution and new particle formation in the western Yangtze River Delta of China: 2 years of measurements at the SORPES station. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 12445-12464.	4.9	112
5	Influence of biomass burning plumes on HONO chemistry in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1147-1159.	4.9	96
6	Aerosols and nucleation in eastern China: first insights from the new SORPES-NJU station. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2169-2183.	4.9	72
7	Measurements of sub-30 nm particles using a particle size magnifier in different environments: from clean mountain top to polluted megacities. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2163-2187.	4.9	71
8	Light absorption of brown carbon in eastern China based on 3-year multi-wavelength aerosol optical property observations and an improved absorption Ångström exponent segregation method. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 9061-9074.	4.9	68
9	Comprehensive modelling study on observed new particle formation at the SORPES station in Nanjing, China. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2477-2492.	4.9	47
10	Two years of online measurement of fine particulate nitrate in the western Yangtze River Delta: influences of thermodynamics and N <sub>2</sub> O <sub>5</sub> hydrolysis. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17177-17190.	4.9	46
11	Analysis of aerosol effects on warm clouds over the Yangtze River Delta from multi-sensor satellite observations. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5623-5641.	4.9	45
12	Aerosol optical properties at SORPES in Nanjing, east China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5265-5292.	4.9	33
13	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. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11779-11791.	4.9	29
14	Direct measurement of new particle formation based on tethered airship around the top of the planetary boundary layer in eastern China. <i>Atmospheric Environment</i> , 2019, 209, 92-101.	4.1	26
15	Formation of condensable organic vapors from anthropogenic and biogenic volatile organic compounds (VOCs) is strongly perturbed by NO <sub>2</sub> in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14789-14814.	4.9	26
16	Secondary aerosol formation and its linkage with synoptic conditions during winter haze pollution over eastern China. <i>Science of the Total Environment</i> , 2020, 730, 138888.	8.0	24
17	Multifunctional Products of Isoprene Oxidation in Polluted Atmosphere and Their Contribution to SOA. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL089276.	4.0	24
18	Toward Building a Physical Proxy for Gas-Phase Sulfuric Acid Concentration Based on Its Budget Analysis in Polluted Yangtze River Delta, East China. <i>Environmental Science &amp; Technology</i> , 2021, 55, 6665-6676.	10.0	20

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19	Ozone from fireworks: Chemical processes or measurement interference?. Science of the Total Environment, 2018, 633, 1007-1011.	8.0	16
20	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
21	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
22	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
23	A Comparison Study of Indoor and Outdoor Air Quality in Nanjing, China. Aerosol and Air Quality Research, 2020, 20, 2128-2141.	2.1	10