

# Qianjie Chen

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

22  
papers

472  
citations

9  
h-index

21  
g-index

43  
ext. papers

626  
ext. citations

5.7  
avg, IF

3.71  
L-index

#	Paper	IF	Citations
22	Large Daytime Molecular Chlorine Missing Source at a Suburban Site in East China. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2022</b> , 127,	4.4	1
21	Urban inland wintertime $\text{NO}_2$ and $\text{ClNO}_2$ influenced by snow-covered ground, air turbulence, and precipitation. <i>Atmospheric Chemistry and Physics</i> , <b>2022</b> , 22, 2553-2568	6.8	1
20	Regional Characteristics of Atmospheric Sulfate Formation in East Antarctica Imprinted on $^{17}\text{O}$ -Excess Signature. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2020JD033583	4.4	3
19	Observation of $\text{N}_2\text{O}_5$ Deposition and $\text{ClNO}_2$ Production on the Saline Snowpack. <i>ACS Earth and Space Chemistry</i> , <b>2021</b> , 5, 1020-1031	3.2	2
18	Evaluating the impact of blowing-snow sea salt aerosol on springtime BrO and $\text{O}_3$ in the Arctic. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 7335-7358	6.8	9
17	Effects of Sea Salt Aerosol Emissions for Marine Cloud Brightening on Atmospheric Chemistry: Implications for Radiative Forcing. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2019GL085838	4.9	3
16	Global inorganic nitrate production mechanisms: comparison of a global model with nitrate isotope observations. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 3859-3877	6.8	40
15	Effect of sea salt aerosol on tropospheric bromine chemistry. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 6497-6507	6.8	22
14	Heterogeneous sulfate aerosol formation mechanisms during wintertime Chinese haze events: air quality model assessment using observations of sulfate oxygen isotopes in Beijing. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 6107-6123	6.8	82
13	The role of chlorine in global tropospheric chemistry. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 3981-4003	6.8	96
12	HONO, Particulate Nitrite, and Snow Nitrite at a Midlatitude Urban Site during Wintertime. <i>ACS Earth and Space Chemistry</i> , <b>2019</b> , 3, 811-822	3.2	14
11	Global inorganic nitrate production mechanisms: Comparison of a global model with nitrate isotope observations <b>2019</b> ,		2
10	Heterogeneous sulfate aerosol formation mechanisms during wintertime Chinese haze events: Air quality model assessment using observations of sulfate oxygen isotopes in Beijing <b>2019</b> ,		2
9	DMS oxidation and sulfur aerosol formation in the marine troposphere: a focus on reactive halogen and multiphase chemistry. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 13617-13637	6.8	62
8	The role of chlorine in tropospheric chemistry <b>2018</b> ,		1
7	Effect of sea-salt aerosol on tropospheric bromine chemistry <b>2018</b> ,		1
6	Global impact of nitrate photolysis in sea-salt aerosol on $\text{NO}_2$ , OH, and $\text{O}_3$ in the marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 11185-11203	6.8	38

5	Sulfate production by reactive bromine: Implications for the global sulfur and reactive bromine budgets. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 7069-7078	4.9	43
4	Isotopic constraints on the role of hypohalous acids in sulfate aerosol formation in the remote marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 11433-11450	6.8	33
3	Isotopic evidence for biogenic molecular hydrogen production in the Atlantic Ocean. <i>Biogeosciences</i> , <b>2016</b> , 13, 323-340	4.6	7
2	Isotopic signatures of production and uptake of H <sub>2</sub> by soil. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 13003-13021	6.8	9
1	Isotopic signatures of production and uptake of H <sub>2</sub> by soil		1