

Qianjie Chen

List of Publications by Citations

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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	The role of chlorine in global tropospheric chemistry. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 3981-4003	6.8	96
21	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> , 2019 , 19, 6107-6123	6.8	82
20	DMS oxidation and sulfur aerosol formation in the marine troposphere: a focus on reactive halogen and multiphase chemistry. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 13617-13637	6.8	62
19	Sulfate production by reactive bromine: Implications for the global sulfur and reactive bromine budgets. <i>Geophysical Research Letters</i> , 2017 , 44, 7069-7078	4.9	43
18	Global inorganic nitrate production mechanisms: comparison of a global model with nitrate isotope observations. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 3859-3877	6.8	40
17	Global impact of nitrate photolysis in sea-salt aerosol on NO_2 , OH, and O_3 in the marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 11185-11203	6.8	38
16	Isotopic constraints on the role of hypohalous acids in sulfate aerosol formation in the remote marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 11433-11450	6.8	33
15	Effect of sea salt aerosol on tropospheric bromine chemistry. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 6497-6507	6.8	22
14	HONO, Particulate Nitrite, and Snow Nitrite at a Midlatitude Urban Site during Wintertime. <i>ACS Earth and Space Chemistry</i> , 2019 , 3, 811-822	3.2	14
13	Evaluating the impact of blowing-snow sea salt aerosol on springtime BrO and O_3 in the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 7335-7358	6.8	9
12	Isotopic signatures of production and uptake of H_2 by soil. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 13003-13021	6.8	9
11	Isotopic evidence for biogenic molecular hydrogen production in the Atlantic Ocean. <i>Biogeosciences</i> , 2016 , 13, 323-340	4.6	7
10	Effects of Sea Salt Aerosol Emissions for Marine Cloud Brightening on Atmospheric Chemistry: Implications for Radiative Forcing. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL085838	4.9	3
9	Regional Characteristics of Atmospheric Sulfate Formation in East Antarctica Imprinted on ^{17}O -Excess Signature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033583	4.4	3
8	Global inorganic nitrate production mechanisms: Comparison of a global model with nitrate isotope observations 2019 ,		2
7	Observation of N_2O_5 Deposition and ClNO_2 Production on the Saline Snowpack. <i>ACS Earth and Space Chemistry</i> , 2021 , 5, 1020-1031	3.2	2
6	Heterogeneous sulfate aerosol formation mechanisms during wintertime Chinese haze events: Air quality model assessment using observations of sulfate oxygen isotopes in Beijing 2019 ,		2

5	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
4	Isotopic signatures of production and uptake of H ₂ by soil		1
3	The role of chlorine in tropospheric chemistry 2018 ,		1
2	Effect of sea-salt aerosol on tropospheric bromine chemistry 2018 ,		1
1	Urban inland wintertime N ₂ O ₅ and ClNO ₂ influenced by snow-covered ground, air turbulence, and precipitation. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 2553-2568	6.8	1