Michael Priestley

List of Publications by Year
in descending order

21	873	686830 13	713013 21
papers	citations	h-index	g-index

47	47	47	1418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Four Carbon Organonitrate as a Significant Product of Secondary Isoprene Chemistry. Geophysical Research Letters, 2022, 49, .	1.5	8
2	Using highly time-resolved online mass spectrometry to examine biogenic and anthropogenic contributions to organic aerosol in Beijing. Faraday Discussions, 2021, 226, 382-408.	1.6	13
3	Ambient nitro-aromatic compounds â€“ biomass burning versus secondary formation in rural China. Atmospheric Chemistry and Physics, 2021, 21, 1389-1406.	1.9	46
4	Chemical characterisation of benzene oxidation products under high- and low-NO_{<i>x</i>} conditions using chemical ionisation mass spectrometry. Atmospheric Chemistry and Physics, 2021, 21, 3473-3490.	1.9	16
5	Technical note: A new approach to discriminate different black carbon sources by utilising fullerene and metals in positive matrix factorisation analysis of high-resolution soot particle aerosol mass spectrometer data. Atmospheric Chemistry and Physics, 2021, 21, 10763-10777.	1.9	3
6	Emissions and Secondary Formation of Air Pollutants from Modern Heavy-Duty Trucks in Real-World Trafficâ€"Chemical Characteristics Using On-Line Mass Spectrometry. Environmental Science & Technology, 2021, 55, 14515-14525.	4.6	11
7	Multi-generation OH oxidation as a source for highly oxygenated organic molecules from aromatics. Atmospheric Chemistry and Physics, 2020, 20, 515-537.	1.9	78
8	Evaluation of the chemical composition of gas- and particle-phase products of aromatic oxidation. Atmospheric Chemistry and Physics, 2020, 20, 9783-9803.	1.9	39
9	GenChem v1.0 â€“ a chemical pre-processing and testing system for atmospheric modelling. Geoscientific Model Development, 2020, 13, 6447-6465.	1.3	13
10	The effect of structure and isomerism on the vapor pressures of organic molecules and its potential atmospheric relevance. Aerosol Science and Technology, 2019, 53, 1040-1055.	1.5	16
11	A Large Source of Atomic Chlorine From ClNO‹sub›2‹/sub› Photolysis at a U.K. Landfill Site. Geophysical Research Letters, 2019, 46, 8508-8516.	1.5	11
12	Secondary organic aerosol reduced by mixture of atmospheric vapours. Nature, 2019, 565, 587-593.	13.7	222
13	A method for extracting calibrated volatility information from the FIGAERO-HR-ToF-CIMS and its experimental application. Atmospheric Measurement Techniques, 2019, 12, 1429-1439.	1.2	42
14	Gas to Particle Partitioning of Organic Acids in the Boreal Atmosphere. ACS Earth and Space Chemistry, 2019, 3, 1279-1287.	1.2	13
15	Intercomparison of nitrous acid (HONO) measurement techniques in a megacity (Beijing). Atmospheric Measurement Techniques, 2019, 12, 6449-6463.	1.2	44
16	Observations of Isocyanate, Amide, Nitrate, and Nitro Compounds From an Anthropogenic Biomass Burning Event Using a ToFâ€CIMS. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7687-7704.	1.2	32
17	Online Chemical Characterization of Food-Cooking Organic Aerosols: Implications for Source Apportionment. Environmental Science & Technology, 2018, 52, 5308-5318.	4.6	76
18	Simultaneous aerosol mass spectrometry and chemical ionisation mass spectrometry measurements during a biomass burning event in the UK: insights into nitrate chemistry. Atmospheric Chemistry and Physics, 2018, 18, 4093-4111.	1.9	30

#	Article	IF	Citations
19	Chlorine oxidation of VOCs at a semi-rural site in Beijing: significant chlorine liberation from ClNO₂ and subsequent gas- and particle-phase Clâ€“VOC production. Atmospheric Chemistry and Physics, 2018, 18, 13013-13030.	1.9	54
20	Observations of organic and inorganic chlorinated compounds and their contribution to chlorine radical concentrations in an urban environment in northern Europe during the wintertime. Atmospheric Chemistry and Physics, 2018, 18, 13481-13493.	1.9	41
21	Production of N₂O₅ and ClNO₂ in summer in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 11581-11597.	1.9	57