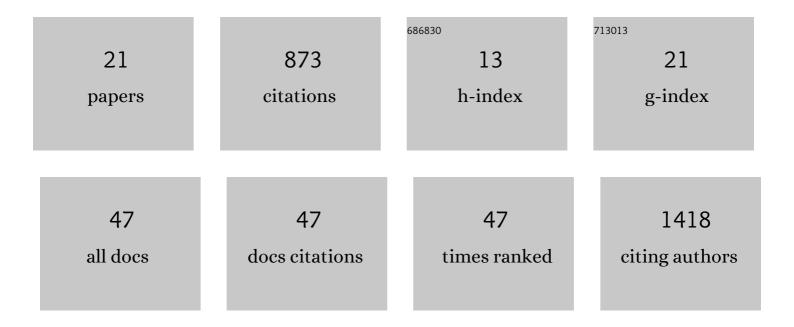
Michael Priestley

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Secondary organic aerosol reduced by mixture of atmospheric vapours. Nature, 2019, 565, 587-593.	13.7	222
2	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
3	Online Chemical Characterization of Food-Cooking Organic Aerosols: Implications for Source Apportionment. Environmental Science & amp; Technology, 2018, 52, 5308-5318.	4.6	76
4	Production of N ₂ O ₅ and ClNO ₂ in summer in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 11581-11597.	1.9	57
5	Chlorine oxidation of VOCs at a semi-rural site in Beijing: significant chlorine liberation from ClNO ₂ and subsequent gas- and particle-phase Cl–VOC production. Atmospheric Chemistry and Physics, 2018, 18, 13013-13030.	1.9	54
6	Ambient nitro-aromatic compounds – biomass burning versus secondary formation in rural China. Atmospheric Chemistry and Physics, 2021, 21, 1389-1406.	1.9	46
7	Intercomparison of nitrous acid (HONO) measurement techniques in a megacity (Beijing). Atmospheric Measurement Techniques, 2019, 12, 6449-6463.	1.2	44
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Gas to Particle Partitioning of Organic Acids in the Boreal Atmosphere. ACS Earth and Space Chemistry, 2019, 3, 1279-1287.	1.2	13
16	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
17	GenChem v1.0 – a chemical pre-processing and testing system for atmospheric modelling. Geoscientific Model Development, 2020, 13, 6447-6465.	1.3	13
18	A Large Source of Atomic Chlorine From ClNO ₂ Photolysis at a U.K. Landfill Site. Geophysical Research Letters, 2019, 46, 8508-8516.	1.5	11

#	Article	IF	CITATIONS
19	Emissions and Secondary Formation of Air Pollutants from Modern Heavy-Duty Trucks in Real-World Traffic—Chemical Characteristics Using On-Line Mass Spectrometry. Environmental Science & Technology, 2021, 55, 14515-14525.	4.6	11
20	A Four Carbon Organonitrate as a Significant Product of Secondary Isoprene Chemistry. Geophysical Research Letters, 2022, 49, .	1.5	8
21	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