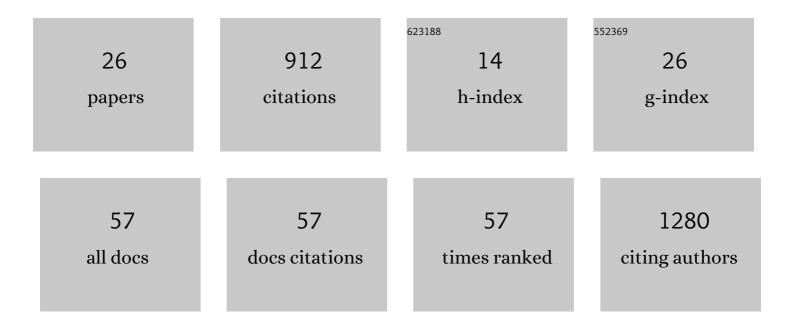
Dongyu S Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Survival of newly formed particles in haze conditions. Environmental Science Atmospheres, 2022, 2, 491-499.	0.9	8
2	Comparison of secondary organic aerosol generated from the oxidation of laboratory precursors by hydroxyl radicals, chlorine atoms, and bromine atoms in an oxidation flow reactor. Environmental Science Atmospheres, 2022, 2, 687-701.	0.9	2
3	Synergistic HNO3–H2SO4–NH3 upper tropospheric particle formation. Nature, 2022, 605, 483-489.	13.7	26
4	Isoprene–Chlorine Oxidation in the Presence of NO <i>_x</i> and Implications for Urban Atmospheric Chemistry. Environmental Science & Technology, 2022, 56, 9251-9264.	4.6	3
5	High-frequency gaseous and particulate chemical characterization using extractive electrospray ionization mass spectrometry (Dual-Phase-EESI-TOF). Atmospheric Measurement Techniques, 2022, 15, 3747-3760.	1.2	7
6	Highly time-resolved chemical speciation and source apportionment of organic aerosol components in Delhi, India, using extractive electrospray ionization mass spectrometry. Atmospheric Chemistry and Physics, 2022, 22, 7739-7761.	1.9	11
7	Realâ€ŧime organic aerosol chemical speciation in the indoor environment using extractive electrospray ionization mass spectrometry. Indoor Air, 2021, 31, 141-155.	2.0	29
8	Molecular characterization of ultrafine particles using extractive electrospray time-of-flight mass spectrometry. Environmental Science Atmospheres, 2021, 1, 434-448.	0.9	10
9	Role of iodine oxoacids in atmospheric aerosol nucleation. Science, 2021, 371, 589-595.	6.0	94
10	Gas-Phase Chlorine Radical Oxidation of Alkanes: Effects of Structural Branching, NO _{<i>x</i>} , and Relative Humidity Observed during Environmental Chamber Experiments. Journal of Physical Chemistry A, 2021, 125, 7303-7317.	1.1	13
11	Effects of aerosol size and coating thickness on the molecular detection using extractive electrospray ionization. Atmospheric Measurement Techniques, 2021, 14, 5913-5923.	1.2	7
12	Structures and reactivity of peroxy radicals and dimeric products revealed by online tandem mass spectrometry. Nature Communications, 2021, 12, 300.	5.8	28
13	Constraining the response factors of an extractive electrospray ionization mass spectrometer for near-molecular aerosol speciation. Atmospheric Measurement Techniques, 2021, 14, 6955-6972.	1.2	10
14	Chemical composition of nanoparticles from <i>α</i> -pinene nucleation and the influence of isoprene and relative humidity at low temperature. Atmospheric Chemistry and Physics, 2021, 21, 17099-17114.	1.9	12
15	RNA oxidation in chromatin modification and DNA-damage response following exposure to formaldehyde. Scientific Reports, 2020, 10, 16545.	1.6	20
16	Post-transcriptional air pollution oxidation to the cholesterol biosynthesis pathway promotes pulmonary stress phenotypes. Communications Biology, 2020, 3, 392.	2.0	18
17	Rapid growth of new atmospheric particles by nitric acid and ammonia condensation. Nature, 2020, 581, 184-189.	13.7	169
18	Effects of Sources and Meteorology on Ambient Particulate Matter in Austin, Texas. ACS Earth and Space Chemistry, 2020, 4, 602-613.	1.2	9

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#	Article	IF	CITATIONS
19	Online Aerosol Chemical Characterization by Extractive Electrospray Ionization–Ultrahigh-Resolution Mass Spectrometry (EESI-Orbitrap). Environmental Science & Technology, 2020, 54, 3871-3880.	4.6	25
20	Measurement of ammonia, amines and iodine compounds using protonated water cluster chemical ionization mass spectrometry. Atmospheric Measurement Techniques, 2020, 13, 2501-2522.	1.2	21
21	Sources and atmospheric dynamics of organic aerosol in New Delhi, India: insights from receptor modeling. Atmospheric Chemistry and Physics, 2020, 20, 735-752.	1.9	44
22	Molecular understanding of new-particle formation from <i>α</i> -pinene between â~'50 and +25 °C. Atmospheric Chemistry and Physics, 2020, 20, 9183-9207.	1.9	68
23	Improved chloride quantification in quadrupole aerosol chemical speciation monitors (Q-ACSMs). Atmospheric Measurement Techniques, 2020, 13, 5293-5301.	1.2	9
24	Submicron aerosol composition in the world's most polluted megacity: the Delhi Aerosol Supersite study. Atmospheric Chemistry and Physics, 2019, 19, 6843-6859.	1.9	133
25	Chlorine-initiated oxidation of <i>n</i> -alkanes under high-NO _{<i>x</i>} conditions: insights into secondary organic aerosol composition and volatility using a FIGAERO–CIMS. Atmospheric Chemistry and Physics. 2018. 18. 15535-15553.	1.9	53
26	Secondary organic aerosol from chlorine-initiated oxidation of isoprene. Atmospheric Chemistry and Physics, 2017, 17, 13491-13508.	1.9	61