Douglas A Day

List of Publications by Year
in descending order

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132	11,335	26630	37204
papers	citations	56 h-index	96 g-index

232	232	232	6917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of aging on organic aerosol from open biomass burning smoke in aircraft and laboratory studies. Atmospheric Chemistry and Physics, 2011, 11, 12049-12064.	4.9	520
2	Elucidating secondary organic aerosol from diesel and gasoline vehicles through detailed characterization of organic carbon emissions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18318-18323.	7.1	409
3	High concentrations of biological aerosol particles and ice nuclei during and after rain. Atmospheric Chemistry and Physics, 2013, 13, 6151-6164.	4.9	355
4	Review of Urban Secondary Organic Aerosol Formation from Gasoline and Diesel Motor Vehicle Emissions. Environmental Science & Technology, 2017, 51, 1074-1093.	10.0	348
5	Organic aerosol components derived from 25 AMS data sets across Europe using a consistent ME-2 based source apportionment approach. Atmospheric Chemistry and Physics, 2014, 14, 6159-6176.	4.9	308
6	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. Atmospheric Chemistry and Physics, 2017, 17, 2103-2162.	4.9	307
7	Evolution of brown carbon in wildfire plumes. Geophysical Research Letters, 2015, 42, 4623-4630.	4.0	284
8	Highly functionalized organic nitrates in the southeast United States: Contribution to secondary organic aerosol and reactive nitrogen budgets. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1516-1521.	7.1	269
9	Evidence for NO _x Control over Nighttime SOA Formation. Science, 2012, 337, 1210-1212.	12.6	266
10	Aqueous-phase mechanism for secondary organic aerosol formation from isoprene: application to the southeast United States and co-benefit of SO₂ emission controls. Atmospheric Chemistry and Physics, 2016, 16, 1603-1618.	4.9	257
11	A thermal dissociation laser-induced fluorescence instrument for in situ detection of NO2, peroxy nitrates, alkyl nitrates, and HNO3. Journal of Geophysical Research, 2002, 107, ACH 4-1-ACH 4-14.	3.3	242
12	Secondary organic aerosol formation and primary organic aerosol oxidation from biomass-burning smoke in a flow reactor during FLAME-3. Atmospheric Chemistry and Physics, 2013, 13, 11551-11571.	4.9	218
13	Monoterpenes are the largest source of summertime organic aerosol in the southeastern United States. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2038-2043.	7.1	186
14	Characterization of a real-time tracer for isoprene epoxydiols-derived secondary organic aerosol (IEPOX-SOA) from aerosol mass spectrometer measurements. Atmospheric Chemistry and Physics, 2015, 15, 11807-11833.	4.9	185
15	Airborne measurements of western U.S. wildfire emissions: Comparison with prescribed burning and air quality implications. Journal of Geophysical Research D: Atmospheres, 2017, 122, 6108-6129.	3.3	184
16	Ubiquity of organic nitrates from nighttime chemistry in the European submicron aerosol. Geophysical Research Letters, 2016, 43, 7735-7744.	4.0	182
17	Organic nitrate chemistry and its implications for nitrogen budgets in an isoprene- and monoterpene-rich atmosphere: constraints from aircraft (SEAC⁴RS) and ground-based (SOAS) observations in the Southeast US. Atmospheric Chemistry and Physics, 2016, 16, 5969-5991.	4.9	173
18	Formation of Low Volatility Organic Compounds and Secondary Organic Aerosol from Isoprene Hydroxyhydroperoxide Low-NO Oxidation. Environmental Science & Technology, 2015, 49, 10330-10339.	10.0	172

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19	The Deep Convective Clouds and Chemistry (DC3) Field Campaign. Bulletin of the American Meteorological Society, 2015, 96, 1281-1309.	3.3	165
20	The weekend effect within and downwind of Sacramento â€“ Part 1: Observations of ozone, nitrogen oxides, and VOC reactivity. Atmospheric Chemistry and Physics, 2007, 7, 5327-5339.	4.9	161
21	Fossil versus contemporary sources of fine elemental and organic carbonaceous particulate matter during the DAURE campaign in Northeast Spain. Atmospheric Chemistry and Physics, 2011, 11, 12067-12084.	4.9	157
22	Observations of gas- and aerosol-phase organic nitrates at BEACHON-RoMBAS 2011. Atmospheric Chemistry and Physics, 2013, 13, 8585-8605.	4.9	150
23	Organonitrate group concentrations in submicron particles with high nitrate and organic fractions in coastal southern California. Atmospheric Environment, 2010, 44, 1970-1979.	4.1	137
24	Real-time measurements of secondary organic aerosol formation and aging from ambient air in an oxidation flow reactor in the Los Angeles area. Atmospheric Chemistry and Physics, 2016, 16, 7411-7433.	4.9	137
25	Organosulfates as Tracers for Secondary Organic Aerosol (SOA) Formation from 2-Methyl-3-Buten-2-ol (MBO) in the Atmosphere. Environmental Science & Technology, 2012, 46, 9437-9446.	10.0	128
26	The Green Ocean Amazon Experiment (GoAmazon2014/5) Observes Pollution Affecting Gases, Aerosols, Clouds, and Rainfall over the Rain Forest. Bulletin of the American Meteorological Society, 2017, 98, 981-997.	3.3	128
27	Modeling the Radical Chemistry in an Oxidation Flow Reactor: Radical Formation and Recycling, Sensitivities, and the OH Exposure Estimation Equation. Journal of Physical Chemistry A, 2015, 119, 4418-4432.	2.5	126
28	Organic nitrate aerosol formation via NO₃ + biogenic volatile organic compounds in the southeastern United States. Atmospheric Chemistry and Physics, 2015, 15, 13377-13392.	4.9	124
29	In situ secondary organic aerosol formation from ambient pine forest air using an oxidation flow reactor. Atmospheric Chemistry and Physics, 2016, 16, 2943-2970.	4.9	122
30	HO_x radical chemistry in oxidation flow reactors with low-pressure mercury lamps systematically examined by modeling. Atmospheric Measurement Techniques, 2015, 8, 4863-4890.	3.1	118
31	Global airborne sampling reveals a previously unobserved dimethyl sulfide oxidation mechanism in the marine atmosphere. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 4505-4510.	7.1	118
32	Non-OH chemistry in oxidation flow reactors for the study of atmospheric chemistry systematically examined by modeling. Atmospheric Chemistry and Physics, 2016, 16, 4283-4305.	4.9	117
33	Impact of Thermal Decomposition on Thermal Desorption Instruments: Advantage of Thermogram Analysis for Quantifying Volatility Distributions of Organic Species. Environmental Science & Technology, 2017, 51, 8491-8500.	10.0	117
34	On alkyl nitrates, O3, and the â€œmissing NOyâ€• Journal of Geophysical Research, 2003, 108, .	3.3	113
35	Secondary organic aerosol production from local emissions dominates the organic aerosol budget over Seoul, South Korea, during KORUS-AQ. Atmospheric Chemistry and Physics, 2018, 18, 17769-17800.	4.9	105
36	Brown carbon aerosol in the North American continental troposphere: sources, abundance, and radiative forcing. Atmospheric Chemistry and Physics, 2015, 15, 7841-7858.	4.9	96

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37	Airborne measurements of organosulfates over the continental U.S.. Journal of Geophysical Research D: Atmospheres, 2015, 120, 2990-3005.	3.3	96
38	Agricultural fires in the southeastern U.S. during SEAC⁴RS: Emissions of trace gases and particles and evolution of ozone, reactive nitrogen, and organic aerosol. Journal of Geophysical Research D: Atmospheres, 2016, 121, 7383-7414.	3.3	93
39	Semicontinuous measurements of gasâ€“particle partitioning of organic acids in a ponderosa pine forest using a MOVI-HRToF-CIMS. Atmospheric Chemistry and Physics, 2014, 14, 1527-1546.	4.9	89
40	Time-Resolved Measurements of Indoor Chemical Emissions, Deposition, and Reactions in a University Art Museum. Environmental Science & Technology, 2019, 53, 4794-4802.	10.0	89
41	Aerosol optical properties in the southeastern United States in summer â€“ PartÂ1: Hygroscopic growth. Atmospheric Chemistry and Physics, 2016, 16, 4987-5007.	4.9	88
42	Volatility and lifetime against OH heterogeneous reaction of ambient isoprene-epoxydiols-derived secondary organic aerosol (IEPOX-SOA). Atmospheric Chemistry and Physics, 2016, 16, 11563-11580.	4.9	82
43	Long-term real-time chemical characterization of submicron aerosols at Montsec (southern Pyrenees,) Tj ETQq1 1 0.784314 rgBT /Ov	4.9	80
44	Observations of total alkyl nitrates during Texas Air Quality Study 2000: Implications for O3and alkyl nitrate photochemistry. Journal of Geophysical Research, 2004, 109, .	3.3	79
45	Trends in sulfate and organic aerosol mass in the Southeast U.S.: Impact on aerosol optical depth and radiative forcing. Geophysical Research Letters, 2014, 41, 7701-7709.	4.0	77
46	Observations of the diurnal and seasonal trends in nitrogen oxides in the western Sierra Nevada. Atmospheric Chemistry and Physics, 2006, 6, 5321-5338.	4.9	73
47	Secondary organic aerosol formation from fossil fuel sources contribute majority of summertime organic mass at Bakersfield. Journal of Geophysical Research, 2012, 117, .	3.3	72
48	CCN activity and organic hygroscopicity of aerosols downwind of an urban region in central Amazonia: seasonal and diel variations and impact of anthropogenic emissions. Atmospheric Chemistry and Physics, 2017, 17, 11779-11801.	4.9	71
49	Sources and Secondary Production of Organic Aerosols in the Northeastern United States during WINTER. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7771-7796.	3.3	71
50	Ambient Gas-Particle Partitioning of Tracers for Biogenic Oxidation. Environmental Science & Technology, 2016, 50, 9952-9962.	10.0	69
51	Airborne characterization of subsaturated aerosol hygroscopicity and dry refractive index from the surface to 6.5â€‰km during the SEAC⁴RS campaign. Journal of Geophysical Research D: Atmospheres, 2016, 121, 4188-4210.	3.3	67
52	Comprehensive characterization of atmospheric organic carbon at a forested site. Nature Geoscience, 2017, 10, 748-753.	12.9	66
53	Characterization of organic aerosol across the global remote troposphere: a comparison of ATom measurements and global chemistry models. Atmospheric Chemistry and Physics, 2020, 20, 4607-4635.	4.9	66
54	Direct N₂O₅ reactivity measurements at a polluted coastal site. Atmospheric Chemistry and Physics, 2012, 12, 2959-2968.	4.9	64

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55	Measurements of delays of gas-phase compounds in a wide variety of tubing materials due to gasâ€“wall interactions. Atmospheric Measurement Techniques, 2019, 12, 3453-3461.	3.1	64
56	Evaluation of the new capture vaporizer for aerosol mass spectrometers (AMS) through field studies of inorganic species. Aerosol Science and Technology, 2017, 51, 735-754.	3.1	63
57	Secondary organic aerosol formation from ambient air in an oxidation flow reactor in central Amazonia. Atmospheric Chemistry and Physics, 2018, 18, 467-493.	4.9	63
58	Size-resolved aerosol composition and its link to hygroscopicity at a forested site in Colorado. Atmospheric Chemistry and Physics, 2014, 14, 2657-2667.	4.9	62
59	Overview of the Manitou Experimental Forest Observatory: site description and selected science results from 2008 to 2013. Atmospheric Chemistry and Physics, 2014, 14, 6345-6367.	4.9	62
60	Secondary organic aerosols from anthropogenic volatile organic compounds contribute substantially to air pollution mortality. Atmospheric Chemistry and Physics, 2021, 21, 11201-11224.	4.9	60
61	Ozone-driven daytime formation of secondary organic aerosol containing carboxylic acid groups and alkane groups. Atmospheric Chemistry and Physics, 2011, 11, 8321-8341.	4.9	58
62	Insights into Secondary Organic Aerosol Formation Mechanisms from Measured Gas/Particle Partitioning of Specific Organic Tracer Compounds. Environmental Science & Technology, 2013, 47, 3781-3787.	10.0	58
63	Secondary organic aerosol formation from in situ OH, O₃, and NO₃ oxidation of ambient forest air in an oxidation flow reactor. Atmospheric Chemistry and Physics, 2017, 17, 5331-5354.	4.9	57
64	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. Atmospheric Chemistry and Physics, 2018, 18, 10433-10457.	4.9	53
65	NO_x Lifetime and NO_y Partitioning During WINTER. Journal of Geophysical Research D: Atmospheres, 2018, 123, 9813-9827.	3.3	52
66	Formation and growth of ultrafine particles from secondary sources in Bakersfield, California. Journal of Geophysical Research, 2012, 117, .	3.3	51
67	Gas/particle partitioning of total alkyl nitrates observed with TDâ€ŁIF in Bakersfield. Journal of Geophysical Research D: Atmospheres, 2013, 118, 6651-6662.	3.3	51
68	Evaluation of the new capture vapourizer for aerosol mass spectrometers (AMS) through laboratory studies of inorganic species. Atmospheric Measurement Techniques, 2017, 10, 2897-2921.	3.1	51
69	Characterization of particle cloud droplet activity and composition in the free troposphere and the boundary layer during INTEX-B. Atmospheric Chemistry and Physics, 2010, 10, 6627-6644.	4.9	50
70	In situ vertical profiles of aerosol extinction, mass, and composition over the southeast United States during SENEX and SEAC⁴RS: observations of a modest aerosol enhancement aloft. Atmospheric Chemistry and Physics, 2015, 15, 7085-7102.	4.9	50
71	Measurements of the sum of HO₂NO₂ and CH₃O₂NO<sub>2</sub in the remote troposphere. Atmospheric Chemistry and Physics, 2004, 4, 377-384.	4.9	49
72	Effects of sources and meteorology on particulate matter in the Western Mediterranean Basin: An overview of the DAURE campaign. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4978-5010.	3.3	49

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73	Nitrogen Oxides Emissions, Chemistry, Deposition, and Export Over the Northeast United States During the WINTER Aircraft Campaign. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,368.	3.3	49
74	Molecular marker characterization of the organic composition of submicron aerosols from Mediterranean urban and rural environments under contrasting meteorological conditions. Atmospheric Environment, 2012, 61, 482-489.	4.1	47
75	Secondary organic aerosol (SOA) yields from NO₃ radical + isoprene based on nighttime aircraft power plant plume transects. Atmospheric Chemistry and Physics, 2018, 18, 11663-11682.	4.9	47
76	Predictions of the glass transition temperature and viscosity of organic aerosols from volatility distributions. Atmospheric Chemistry and Physics, 2020, 20, 8103-8122.	4.9	47
77	Influence of urban pollution on the production of organic particulate matter from isoprene epoxydiols in central Amazonia. Atmospheric Chemistry and Physics, 2017, 17, 6611-6629.	4.9	45
78	Effects of gasâ€“wall interactions on measurements of semivolatile compounds and small polar molecules. Atmospheric Measurement Techniques, 2019, 12, 3137-3149.	3.1	45
79	Aerosol optical properties in the southeastern United States in summer â€“ PartÂ2: Sensitivity of aerosol optical depth to relative humidity and aerosol parameters. Atmospheric Chemistry and Physics, 2016, 16, 5009-5019.	4.9	44
80	Direct Measurements of Gas/Particle Partitioning and Mass Accommodation Coefficients in Environmental Chambers. Environmental Science & Technology, 2017, 51, 11867-11875.	10.0	44
81	Estimating the contribution of organic acids to northern hemispheric continental organic aerosol. Geophysical Research Letters, 2015, 42, 6084-6090.	4.0	43
82	Direct measurements of semi-volatile organic compound dynamics show near-unity mass accommodation coefficients for diverse aerosols. Communications Chemistry, 2019, 2, .	4.5	42
83	Observations of NO_x, Î£PNs, Î£ANs, and HNO₃ at a Rural Site in the California Sierra Nevada Mountains: summertime diurnal cycles. Atmospheric Chemistry and Physics, 2009, 9, 4879-4896.	4.9	41
84	Organosulfates in aerosols downwind of an urban region in central Amazon. Environmental Sciences: Processes and Impacts, 2018, 20, 1546-1558.	3.5	40
85	Field intercomparison of the gas/particle partitioning of oxygenated organics during the Southern Oxidant and Aerosol Study (SOAS) in 2013. Aerosol Science and Technology, 2017, 51, 30-56.	3.1	39
86	Laboratory Studies on Secondary Organic Aerosol Formation from Crude Oil Vapors. Environmental Science & Technology, 2013, 47, 12566-12574.	10.0	38
87	Budgets of Organic Carbon Composition and Oxidation in Indoor Air. Environmental Science & Technology, 2019, 53, 13053-13063.	10.0	37
88	Contributions of biomass-burning, urban, and biogenic emissions to the concentrations and light-absorbing properties of particulate matter in central Amazonia during the dry season. Atmospheric Chemistry and Physics, 2019, 19, 7973-8001.	4.9	36
89	Observations of the effects of temperature on atmospheric HNO₃, Î£ANs, Î£PNs, and NO_x: evidence for a temperature-dependent HO_x source. Atmospheric Chemistry and Physics, 2008, 8, 1867-1879.	4.9	34
90	The importance of size ranges in aerosol instrument intercomparisons: a case study for the Atmospheric Tomography Mission. Atmospheric Measurement Techniques, 2021, 14, 3631-3655.	3.1	34

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91	Quantification and source characterization of volatile organic compounds from exercising and application of chlorineâ€based cleaning products in a university athletic center. Indoor Air, 2021, 31, 1323-1339.	4.3	32
92	Chemical transport models often underestimate inorganic aerosol acidity in remote regions of the atmosphere. Communications Earth & Environment, 2021, 2, .	6.8	32
93	An in situ gas chromatograph with automatic detector switching between PTR- and EI-TOF-MS: isomer-resolved measurements of indoor air. Atmospheric Measurement Techniques, 2021, 14, 133-152.	3.1	31
94	Urban influence on the concentration and composition of submicron particulate matter in central Amazonia. Atmospheric Chemistry and Physics, 2018, 18, 12185-12206.	4.9	30
95	Follow the Carbon: Isotopic Labeling Studies of Early Earth Aerosol. Astrobiology, 2016, 16, 822-830.	3.0	29
96	Realâ€time organic aerosol chemical speciation in the indoor environment using extractive electrospray ionization mass spectrometry. Indoor Air, 2021, 31, 141-155.	4.3	29
97	Speciated measurements of semivolatile and intermediate volatility organic compounds (S/IVOCs) in a pine forest during BEACHON-RoMBAS 2011. Atmospheric Chemistry and Physics, 2016, 16, 1187-1205.	4.9	28
98	Anthropogenic Control Over Wintertime Oxidation of Atmospheric Pollutants. Geophysical Research Letters, 2019, 46, 14826-14835.	4.0	28
99	Carbon monoxide and chromophoric dissolved organic matter cycles in the shelf waters of the northern California upwelling system. Journal of Geophysical Research, 2009, 114, .	3.3	27
100	Sources of organic aerosol investigated using organic compounds as tracers measured during CalNex in Bakersfield. Journal of Geophysical Research D: Atmospheres, 2013, 118, 11,388.	3.3	26
101	Model Evaluation of New Techniques for Maintaining High-NO Conditions in Oxidation Flow Reactors for the Study of OH-Initiated Atmospheric Chemistry. ACS Earth and Space Chemistry, 2018, 2, 72-86.	2.7	26
102	Evaluation of the new capture vaporizer for aerosol mass spectrometers: Characterization of organic aerosol mass spectra. Aerosol Science and Technology, 2018, 52, 725-739.	3.1	25
103	Organic composition of single and submicron particles in different regions of western North America and the eastern Pacific during INTEX-B 2006. Atmospheric Chemistry and Physics, 2009, 9, 5433-5446.	4.9	24
104	Evaluation of the New Capture Vaporizer for Aerosol Mass Spectrometers (AMS): Elemental Composition and Source Apportionment of Organic Aerosols (OA). ACS Earth and Space Chemistry, 2018, 2, 410-421.	2.7	24
105	Always Lost but Never Forgotten: Gas-Phase Wall Losses Are Important in All Teflon Environmental Chambers. Environmental Science & Technology, 2020, 54, 12890-12897.	10.0	24
106	Observational Constraints on the Oxidation of NOx in the Upper Troposphere. Journal of Physical Chemistry A, 2016, 120, 1468-1478.	2.5	23
107	Natural and Anthropogenically Influenced Isoprene Oxidation in Southeastern United States and Central Amazon. Environmental Science & Technology, 2020, 54, 5980-5991.	10.0	22
108	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. Atmospheric Chemistry and Physics, 2018, 18, 10433-10457.	4.9	22

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109	Wintertime Gasâ€Particle Partitioning and Speciation of Inorganic Chlorine in the Lower Troposphere Over the Northeast United States and Coastal Ocean. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,897.	3.3	21
110	Autoxidation of Limonene Emitted in a University Art Museum. Environmental Science and Technology Letters, 2019, 6, 520-524.	8.7	21
111	Oxidation Flow Reactor Results in a Chinese Megacity Emphasize the Important Contribution of S/IVOCs to Ambient SOA Formation. Environmental Science & Technology, 2022, 56, 6880-6893.	10.0	21
112	Airborne extractive electrospray mass spectrometry measurements of the chemical composition of organic aerosol. Atmospheric Measurement Techniques, 2021, 14, 1545-1559.	3.1	20
113	Quantification of cooking organic aerosol in the indoor environment using aerodyne aerosol mass spectrometers. Aerosol Science and Technology, 2021, 55, 1099-1114.	3.1	20
114	Large Emissions of Low-Volatility Siloxanes during Residential Oven Use. Environmental Science and Technology Letters, 2021, 8, 519-524.	8.7	16
115	Ambient aerosol properties in the remote atmosphere from global-scale in situ measurements. Atmospheric Chemistry and Physics, 2021, 21, 15023-15063.	4.9	15
116	A systematic re-evaluation of methods for quantification of bulk particle-phase organic nitrates using real-time aerosol mass spectrometry. Atmospheric Measurement Techniques, 2022, 15, 459-483.	3.1	15
117	Constraining nucleation, condensation, and chemistry in oxidation flow reactors using size-distribution measurements and aerosol microphysical modeling. Atmospheric Chemistry and Physics, 2018, 18, 12433-12460.	4.9	12
118	Aerosol pH indicator and organosulfate detectability from aerosol mass spectrometry measurements. Atmospheric Measurement Techniques, 2021, 14, 2237-2260.	3.1	12
119	The optical and chemical properties of discharge generated organic haze using in-situ real-time techniques. Icarus, 2017, 294, 1-13.	2.5	11
120	EURODELTA III exercise: An evaluation of air quality modelsâ€™ capacity to reproduce the carbonaceous aerosol. Atmospheric Environment: X, 2019, 2, 100018.	1.4	11
121	Elemental Analysis of Complex Organic Aerosol Using Isotopic Labeling and Unit-Resolution Mass Spectrometry. Analytical Chemistry, 2015, 87, 2741-2747.	6.5	10
122	Contrasting aerosol refractive index and hygroscopicity in the inflow and outflow of deep convective storms: Analysis of airborne data from DC3. Journal of Geophysical Research D: Atmospheres, 2017, 122, 4565-4577.	3.3	10
123	Ambient Quantification and Size Distributions for Organic Aerosol in Aerosol Mass Spectrometers with the New Capture Vaporizer. ACS Earth and Space Chemistry, 2020, 4, 676-689.	2.7	10
124	A thermal-dissociationâ€“cavity ring-down spectrometer (TD-CRDS) for the detection of organic nitrates in gas and particle phases. Atmospheric Measurement Techniques, 2020, 13, 6255-6269.	3.1	8
125	Contribution of Organic Nitrates to Organic Aerosol over South Korea during KORUS-AQ. Environmental Science & Technology, 2021, 55, 16326-16338.	10.0	8
126	Sources of Gas-Phase Species in an Art Museum from Comprehensive Real-Time Measurements. ACS Earth and Space Chemistry, 2021, 5, 2252-2267.	2.7	7

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127	Determining Activity Coefficients of SOA from Isothermal Evaporation in a Laboratory Chamber. Environmental Science and Technology Letters, 2021, 8, 212-217.	8.7	7
128	Laser Ablation-Aerosol Mass Spectrometry-Chemical Ionization Mass Spectrometry for Ambient Surface Imaging. Analytical Chemistry, 2018, 90, 4046-4053.	6.5	6
129	Interferences with aerosol acidity quantification due to gas-phase ammonia uptake onto acidic sulfate filter samples. Atmospheric Measurement Techniques, 2020, 13, 6193-6213.	3.1	6
130	Field observational constraints on the controllers in glyoxal (CHOCHO) reactive uptake to aerosol. Atmospheric Chemistry and Physics, 2022, 22, 805-821.	4.9	5
131	Corrigendum to "In situ vertical profiles of aerosol extinction, mass, and composition over the southeast United States during SENEX and SEAC⁴RS: observations of a modest aerosol enhancement aloft" published in Atmos. Chem. Phys., 15, 7085â€“7102, 2015. Atmospheric Chemistry and Physics, 2015, 15, 8455-8455.	4.9	1
132	The importance of organic aerosol to CCN concentrations and characteristics at a forested site in Colorado. , 2013, , .		0