

Douglas A Day

List of Publications by Year in descending order

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132
papers

11,335
citations

26630

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96
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all docs

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docs citations

232
times ranked

6917
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#	ARTICLE	IF	CITATIONS
1	A systematic re-evaluation of methods for quantification of bulk particle-phase organic nitrates using real-time aerosol mass spectrometry. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 459-483.	3.1	15
2	Field observational constraints on the controllers in glyoxal (CHOCHO) reactive uptake to aerosol. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 805-821.	4.9	5
3	Oxidation Flow Reactor Results in a Chinese Megacity Emphasize the Important Contribution of S/IVOCs to Ambient SOA Formation. <i>Environmental Science & Technology</i> , 2022, 56, 6880-6893.	10.0	21
4	Quantification and source characterization of volatile organic compounds from exercising and application of chlorine-based cleaning products in a university athletic center. <i>Indoor Air</i> , 2021, 31, 1323-1339.	4.3	32
5	Real-time organic aerosol chemical speciation in the indoor environment using extractive electrospray ionization mass spectrometry. <i>Indoor Air</i> , 2021, 31, 141-155.	4.3	29
6	An in situ gas chromatograph with automatic detector switching between PTR- and EI-TOF-MS: isomer-resolved measurements of indoor air. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 133-152.	3.1	31
7	Airborne extractive electrospray mass spectrometry measurements of the chemical composition of organic aerosol. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 1545-1559.	3.1	20
8	Aerosol pH indicator and organosulfate detectability from aerosol mass spectrometry measurements. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 2237-2260.	3.1	12
9	The importance of size ranges in aerosol instrument intercomparisons: a case study for the Atmospheric Tomography Mission. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 3631-3655.	3.1	34
10	Chemical transport models often underestimate inorganic aerosol acidity in remote regions of the atmosphere. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	32
11	Quantification of cooking organic aerosol in the indoor environment using aerodyne aerosol mass spectrometers. <i>Aerosol Science and Technology</i> , 2021, 55, 1099-1114.	3.1	20
12	Large Emissions of Low-Volatility Siloxanes during Residential Oven Use. <i>Environmental Science and Technology Letters</i> , 2021, 8, 519-524.	8.7	16
13	Secondary organic aerosols from anthropogenic volatile organic compounds contribute substantially to air pollution mortality. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11201-11224.	4.9	60
14	Sources of Gas-Phase Species in an Art Museum from Comprehensive Real-Time Measurements. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 2252-2267.	2.7	7
15	Ambient aerosol properties in the remote atmosphere from global-scale in situ measurements. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 15023-15063.	4.9	15
16	Determining Activity Coefficients of SOA from Isothermal Evaporation in a Laboratory Chamber. <i>Environmental Science and Technology Letters</i> , 2021, 8, 212-217.	8.7	7
17	Contribution of Organic Nitrates to Organic Aerosol over South Korea during KORUS-AQ. <i>Environmental Science & Technology</i> , 2021, 55, 16326-16338.	10.0	8
18	Always Lost but Never Forgotten: Gas-Phase Wall Losses Are Important in All Teflon Environmental Chambers. <i>Environmental Science & Technology</i> , 2020, 54, 12890-12897.	10.0	24

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19	Characterization of organic aerosol across the global remote troposphere: a comparison of ATom measurements and global chemistry models. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 4607-4635.	4.9	66
20	Ambient Quantification and Size Distributions for Organic Aerosol in Aerosol Mass Spectrometers with the New Capture Vaporizer. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 676-689.	2.7	10
21	Natural and Anthropogenically Influenced Isoprene Oxidation in Southeastern United States and Central Amazon. <i>Environmental Science & Technology</i> , 2020, 54, 5980-5991.	10.0	22
22	Global airborne sampling reveals a previously unobserved dimethyl sulfide oxidation mechanism in the marine atmosphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4505-4510.	7.1	118
23	Predictions of the glass transition temperature and viscosity of organic aerosols from volatility distributions. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8103-8122.	4.9	47
24	Interferences with aerosol acidity quantification due to gas-phase ammonia uptake onto acidic sulfate filter samples. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6193-6213.	3.1	6
25	A thermal-dissociation cavity ring-down spectrometer (TD-CRDS) for the detection of organic nitrates in gas and particle phases. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6255-6269.	3.1	8
26	Effects of gas-wall interactions on measurements of semivolatile compounds and small polar molecules. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 3137-3149.	3.1	45
27	Measurements of delays of gas-phase compounds in a wide variety of tubing materials due to gas-wall interactions. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 3453-3461.	3.1	64
28	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. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7973-8001.	4.9	36
29	Budgets of Organic Carbon Composition and Oxidation in Indoor Air. <i>Environmental Science & Technology</i> , 2019, 53, 13053-13063.	10.0	37
30	Direct measurements of semi-volatile organic compound dynamics show near-unity mass accommodation coefficients for diverse aerosols. <i>Communications Chemistry</i> , 2019, 2, .	4.5	42
31	Autoxidation of Limonene Emitted in a University Art Museum. <i>Environmental Science and Technology Letters</i> , 2019, 6, 520-524.	8.7	21
32	Time-Resolved Measurements of Indoor Chemical Emissions, Deposition, and Reactions in a University Art Museum. <i>Environmental Science & Technology</i> , 2019, 53, 4794-4802.	10.0	89
33	EURODELTA III exercise: An evaluation of air quality models' capacity to reproduce the carbonaceous aerosol. <i>Atmospheric Environment: X</i> , 2019, 2, 100018.	1.4	11
34	Anthropogenic Control Over Wintertime Oxidation of Atmospheric Pollutants. <i>Geophysical Research Letters</i> , 2019, 46, 14826-14835.	4.0	28
35	Laser Ablation-Aerosol Mass Spectrometry-Chemical Ionization Mass Spectrometry for Ambient Surface Imaging. <i>Analytical Chemistry</i> , 2018, 90, 4046-4053.	6.5	6
36	Evaluation of the New Capture Vaporizer for Aerosol Mass Spectrometers (AMS): Elemental Composition and Source Apportionment of Organic Aerosols (OA). <i>ACS Earth and Space Chemistry</i> , 2018, 2, 410-421.	2.7	24

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37	Secondary organic aerosol formation from ambient air in an oxidation flow reactor in central Amazonia. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 467-493.	4.9	63
38	Monoterpenes are the largest source of summertime organic aerosol in the southeastern United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2038-2043.	7.1	186
39	Model Evaluation of New Techniques for Maintaining High-NO Conditions in Oxidation Flow Reactors for the Study of OH-Initiated Atmospheric Chemistry. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 72-86.	2.7	26
40	Evaluation of the new capture vaporizer for aerosol mass spectrometers: Characterization of organic aerosol mass spectra. <i>Aerosol Science and Technology</i> , 2018, 52, 725-739.	3.1	25
41	Organosulfates in aerosols downwind of an urban region in central Amazon. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 1546-1558.	3.5	40
42	Secondary organic aerosol production from local emissions dominates the organic aerosol budget over Seoul, South Korea, during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17769-17800.	4.9	105
43	Constraining nucleation, condensation, and chemistry in oxidation flow reactors using size-distribution measurements and aerosol microphysical modeling. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12433-12460.	4.9	12
44	Nitrogen Oxides Emissions, Chemistry, Deposition, and Export Over the Northeast United States During the WINTER Aircraft Campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,368.	3.3	49
45	Wintertime Gas-Particle Partitioning and Speciation of Inorganic Chlorine in the Lower Troposphere Over the Northeast United States and Coastal Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,897.	3.3	21
46	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10433-10457.	4.9	53
47	Secondary organic aerosol (SOA) yields from NO ₃ radical + isoprene based on nighttime aircraft power plant plume transects. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11663-11682.	4.9	47
48	Sources and Secondary Production of Organic Aerosols in the Northeastern United States during WINTER. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 7771-7796.	3.3	71
49	Urban influence on the concentration and composition of submicron particulate matter in central Amazonia. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12185-12206.	4.9	30
50	NO _x Lifetime and NO _y Partitioning During WINTER. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9813-9827.	3.3	52
51	Observations of sesquiterpenes and their oxidation products in central Amazonia during the wet and dry seasons. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10433-10457.	4.9	22
52	Evaluation of the new capture vaporizer for aerosol mass spectrometers (AMS) through field studies of inorganic species. <i>Aerosol Science and Technology</i> , 2017, 51, 735-754.	3.1	63
53	Contrasting aerosol refractive index and hygroscopicity in the inflow and outflow of deep convective storms: Analysis of airborne data from DC3. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 4565-4577.	3.3	10
54	Field intercomparison of the gas/particle partitioning of oxygenated organics during the Southern Oxidant and Aerosol Study (SOAS) in 2013. <i>Aerosol Science and Technology</i> , 2017, 51, 30-56.	3.1	39

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55	The optical and chemical properties of discharge generated organic haze using in-situ real-time techniques. <i>Icarus</i> , 2017, 294, 1-13.	2.5	11
56	Airborne measurements of western U.S. wildfire emissions: Comparison with prescribed burning and air quality implications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 6108-6129.	3.3	184
57	Review of Urban Secondary Organic Aerosol Formation from Gasoline and Diesel Motor Vehicle Emissions. <i>Environmental Science & Technology</i> , 2017, 51, 1074-1093.	10.0	348
58	Direct Measurements of Gas/Particle Partitioning and Mass Accommodation Coefficients in Environmental Chambers. <i>Environmental Science & Technology</i> , 2017, 51, 11867-11875.	10.0	44
59	Impact of Thermal Decomposition on Thermal Desorption Instruments: Advantage of Thermogram Analysis for Quantifying Volatility Distributions of Organic Species. <i>Environmental Science & Technology</i> , 2017, 51, 8491-8500.	10.0	117
60	The Green Ocean Amazon Experiment (GoAmazon2014/5) Observes Pollution Affecting Gases, Aerosols, Clouds, and Rainfall over the Rain Forest. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 981-997.	3.3	128
61	Influence of urban pollution on the production of organic particulate matter from isoprene epoxydiols in central Amazonia. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6611-6629.	4.9	45
62	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2103-2162.	4.9	307
63	CCN activity and organic hygroscopicity of aerosols downwind of an urban region in central Amazonia: seasonal and diel variations and impact of anthropogenic emissions. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 11779-11801.	4.9	71
64	Secondary organic aerosol formation from in situ OH, O ₃ , and NO ₃ oxidation of ambient forest air in an oxidation flow reactor. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5331-5354.	4.9	57
65	Evaluation of the new capture vapourizer for aerosol mass spectrometers (AMS) through laboratory studies of inorganic species. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 2897-2921.	3.1	51
66	Comprehensive characterization of atmospheric organic carbon at a forested site. <i>Nature Geoscience</i> , 2017, 10, 748-753.	12.9	66
67	Follow the Carbon: Isotopic Labeling Studies of Early Earth Aerosol. <i>Astrobiology</i> , 2016, 16, 822-830.	3.0	29
68	Airborne characterization of subsaturated aerosol hygroscopicity and dry refractive index from the surface to 6.5 km during the SEAC4RS campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4188-4210.	3.3	67
69	Ambient Gas-Particle Partitioning of Tracers for Biogenic Oxidation. <i>Environmental Science & Technology</i> , 2016, 50, 9952-9962.	10.0	69
70	Ubiquity of organic nitrates from nighttime chemistry in the European submicron aerosol. <i>Geophysical Research Letters</i> , 2016, 43, 7735-7744.	4.0	182
71	In situ secondary organic aerosol formation from ambient pine forest air using an oxidation flow reactor. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2943-2970.	4.9	122
72	Aerosol optical properties in the southeastern United States in summer – Part 1: Hygroscopic growth. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4987-5007.	4.9	88

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73	Volatility and lifetime against OH heterogeneous reaction of ambient isoprene-epoxydiols-derived secondary organic aerosol (IEPOX-SOA). <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11563-11580.	4.9	82
74	Speciated measurements of semivolatile and intermediate volatility organic compounds (S/IVOCs) in a pine forest during BEACHON-RoMBAS 2011. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1187-1205.	4.9	28
75	Aqueous-phase mechanism for secondary organic aerosol formation from isoprene: application to the southeast United States and co-benefit of SO ₂ and NO _x emission controls. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 1603-1618.	4.9	257
76	Non-OH chemistry in oxidation flow reactors for the study of atmospheric chemistry systematically examined by modeling. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4283-4305.	4.9	117
77	Aerosol optical properties in the southeastern United States in summer – Part 2: Sensitivity of aerosol optical depth to relative humidity and aerosol parameters. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 5009-5019.	4.9	44
78	Organic nitrate chemistry and its implications for nitrogen budgets in an isoprene- and monoterpene-rich atmosphere: constraints from aircraft (SEAC ⁴ RS) and ground-based (SOAS) observations in the Southeast US. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 5969-5991.	4.9	173
79	Real-time measurements of secondary organic aerosol formation and aging from ambient air in an oxidation flow reactor in the Los Angeles area. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7411-7433.	4.9	137
80	Agricultural fires in the southeastern U.S. during SEAC ⁴ RS: Emissions of trace gases and particles and evolution of ozone, reactive nitrogen, and organic aerosol. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7383-7414.	3.3	93
81	Highly functionalized organic nitrates in the southeast United States: Contribution to secondary organic aerosol and reactive nitrogen budgets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1516-1521.	7.1	269
82	Observational Constraints on the Oxidation of NO _x in the Upper Troposphere. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1468-1478.	2.5	23
83	Estimating the contribution of organic acids to northern hemispheric continental organic aerosol. <i>Geophysical Research Letters</i> , 2015, 42, 6084-6090.	4.0	43
84	Evolution of brown carbon in wildfire plumes. <i>Geophysical Research Letters</i> , 2015, 42, 4623-4630.	4.0	284
85	Brown carbon aerosol in the North American continental troposphere: sources, abundance, and radiative forcing. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 7841-7858.	4.9	96
86	Corrigendum to “In situ vertical profiles of aerosol extinction, mass, and composition over the southeast United States during SENEX and SEAC ⁴ RS: observations of a modest aerosol enhancement aloft” published in <i>Atmos. Chem. Phys.</i> , 15, 7085-7102, 2015. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8455-8455.	4.9	1
87	Characterization of a real-time tracer for isoprene epoxydiols-derived secondary organic aerosol (IEPOX-SOA) from aerosol mass spectrometer measurements. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11807-11833.	4.9	185
88	Organic nitrate aerosol formation via NO ₃ + biogenic volatile organic compounds in the southeastern United States. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 13377-13392.	4.9	124
89	In situ vertical profiles of aerosol extinction, mass, and composition over the southeast United States during SENEX and SEAC ⁴ RS: observations of a modest aerosol enhancement aloft. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 7085-7102.	4.9	50
90	The Deep Convective Clouds and Chemistry (DC3) Field Campaign. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1281-1309.	3.3	165

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91	HO<sub>x</sub> 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
92	Airborne measurements of organosulfates over the continental U.S.. Journal of Geophysical Research D: Atmospheres, 2015, 120, 2990-3005.	3.3	96
93	Long-term real-time chemical characterization of submicron aerosols at Montsec (southern Pyrenees,) Tj ETQq1 1 0,784314 rgBT /Ove	4.9	80
94	Elemental Analysis of Complex Organic Aerosol Using Isotopic Labeling and Unit-Resolution Mass Spectrometry. Analytical Chemistry, 2015, 87, 2741-2747.	6.5	10
95	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
96	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
97	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
98	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
99	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
100	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
101	Semicontinuous measurements of gas"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
102	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
103	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
104	Laboratory Studies on Secondary Organic Aerosol Formation from Crude Oil Vapors. Environmental Science & Technology, 2013, 47, 12566-12574.	10.0	38
105	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
106	Gas/particle partitioning of total alkyl nitrates observed with TD<sup>2</sup>LIF in Bakersfield. Journal of Geophysical Research D: Atmospheres, 2013, 118, 6651-6662.	3.3	51
107	The importance of organic aerosol to CCN concentrations and characteristics at a forested site in Colorado. , 2013, , .		0
108	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

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109	High concentrations of biological aerosol particles and ice nuclei during and after rain. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6151-6164.	4.9	355
110	Observations of gas- and aerosol-phase organic nitrates at BEACHON-RoMBAS 2011. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8585-8605.	4.9	150
111	Elucidating secondary organic aerosol from diesel and gasoline vehicles through detailed characterization of organic carbon emissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18318-18323.	7.1	409
112	Direct N ₂ O ₅ reactivity measurements at a polluted coastal site. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2959-2968.	4.9	64
113	Evidence for NO _x Control over Nighttime SOA Formation. <i>Science</i> , 2012, 337, 1210-1212.	12.6	266
114	Organosulfates as Tracers for Secondary Organic Aerosol (SOA) Formation from 2-Methyl-3-Buten-2-ol (MBO) in the Atmosphere. <i>Environmental Science & Technology</i> , 2012, 46, 9437-9446.	10.0	128
115	Molecular marker characterization of the organic composition of submicron aerosols from Mediterranean urban and rural environments under contrasting meteorological conditions. <i>Atmospheric Environment</i> , 2012, 61, 482-489.	4.1	47
116	Formation and growth of ultrafine particles from secondary sources in Bakersfield, California. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	51
117	Secondary organic aerosol formation from fossil fuel sources contribute majority of summertime organic mass at Bakersfield. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	72
118	Effects of aging on organic aerosol from open biomass burning smoke in aircraft and laboratory studies. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12049-12064.	4.9	520
119	Fossil versus contemporary sources of fine elemental and organic carbonaceous particulate matter during the DAURE campaign in Northeast Spain. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12067-12084.	4.9	157
120	Ozone-driven daytime formation of secondary organic aerosol containing carboxylic acid groups and alkane groups. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 8321-8341.	4.9	58
121	Characterization of particle cloud droplet activity and composition in the free troposphere and the boundary layer during INTEX-B. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 6627-6644.	4.9	50
122	Organonitrate group concentrations in submicron particles with high nitrate and organic fractions in coastal southern California. <i>Atmospheric Environment</i> , 2010, 44, 1970-1979.	4.1	137
123	Carbon monoxide and chromophoric dissolved organic matter cycles in the shelf waters of the northern California upwelling system. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	27
124	Observations of NO _x , ÎPNs, ÎANs, and HNO ₃ at a Rural Site in the California Sierra Nevada Mountains: summertime diurnal cycles. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4879-4896.	4.9	41
125	Organic composition of single and submicron particles in different regions of western North America and the eastern Pacific during INTEX-B 2006. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5433-5446.	4.9	24
126	Observations of the effects of temperature on atmospheric HNO ₃ , ÎANs, ÎPNs, and NO _x : evidence for a temperature-dependent HO _x source. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 1867-1879.	4.9	34

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127	The weekend effect within and downwind of Sacramento " Part 1: Observations of ozone, nitrogen oxides, and VOC reactivity. Atmospheric Chemistry and Physics, 2007, 7, 5327-5339.	4.9	161
128	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
129	Observations of total alkyl nitrates during Texas Air Quality Study 2000: Implications for O ₃ and alkyl nitrate photochemistry. Journal of Geophysical Research, 2004, 109, .	3.3	79
130	Measurements of the sum of HO ₂ and CH ₃ O ₂ in the remote troposphere. Atmospheric Chemistry and Physics, 2004, 4, 377-384.	4.9	49
131	On alkyl nitrates, O ₃ , and the "missing NO _y ". Journal of Geophysical Research, 2003, 108, .	3.3	113
132	A thermal dissociation laser-induced fluorescence instrument for in situ detection of NO ₂ , peroxy nitrates, alkyl nitrates, and HNO ₃ . Journal of Geophysical Research, 2002, 107, ACH 4-1-ACH 4-14.	3.3	242