E L Atlas

List of Publications by Year in descending order

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301 papers	21,488 citations	7561 77 h-index	16636 123 g-index
380 all docs	380 docs citations	380 times ranked	11387 citing authors

#	Article	IF	Citations
1	Dimethylated sulfur compounds in the Peruvian upwelling system. Biogeosciences, 2022, 19, 701-714.	1.3	2
2	Age spectra and other transport diagnostics in the North American monsoon UTLS from SEAC⁴RS in situ trace gas measurements. Atmospheric Chemistry and Physics, 2022, 22, 6539-6558.	1.9	4
3	Inverse modelling of carbonyl sulfide: implementation, evaluation and implications for the global budget. Atmospheric Chemistry and Physics, 2021, 21, 3507-3529.	1.9	28
4	Effects of Ozone Isotopologue Formation on the Clumpedâ€Isotope Composition of Atmospheric O₂. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034770.	1.2	6
5	Deriving Tropospheric Transit Time Distributions Using Airborne Trace Gas Measurements: Uncertainty and Information Content. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034358.	1.2	2
6	Cloud-scale modelling of the impact of deep convection on the fate of oceanic bromoform in the troposphere: a case study over the west coast of Borneo. Atmospheric Chemistry and Physics, 2021, 21, 16955-16984.	1.9	1
7	Variability and past long-term changes of brominated very short-lived substances at the tropical tropopause. Atmospheric Chemistry and Physics, 2020, 20, 7103-7123.	1.9	10
8	Transport of short-lived halocarbons to the stratosphere over the Pacific Ocean. Atmospheric Chemistry and Physics, 2020, 20, 1163-1181.	1.9	5
9	Natural and anthropogenic sources of bromoform and dibromomethane in the oceanographic and biogeochemical regime of the subtropical North East Atlantic. Environmental Sciences: Processes and Impacts, 2020, 22, 679-707.	1.7	9
10	A Synthesis Inversion to Constrain Global Emissions of Two Very Short Lived Chlorocarbons: Dichloromethane, and Perchloroethylene. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031818.	1.2	18
11	Marine carbonyl sulfide (OCS) and carbon disulfide (CS₂): a compilation of measurements in seawater and the marine boundary layer. Earth System Science Data, 2020, 12, 591-609.	3.7	24
12	How marine emissions of bromoform impact the remote atmosphere. Atmospheric Chemistry and Physics, 2019, 19, 11089-11103.	1.9	9
13	On the sources and sinks of atmospheric VOCs: an integrated analysis of recent aircraft campaigns over North America. Atmospheric Chemistry and Physics, 2019, 19, 9097-9123.	1.9	32
14	Recent Trends in Stratospheric Chlorine From Very Shortâ€Lived Substances. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2318-2335.	1.2	34
15	Simulating the Weekly Cycle of NO x â€VOCâ€HO x â€O 3 Photochemical System in the South Coast of California During CalNexâ€2010 Campaign. Journal of Geophysical Research D: Atmospheres, 2019, 124, 3532-3555.	1.2	8
16	Novel approaches to improve estimates of short-lived halocarbon emissions during summer from the Southern Ocean using airborne observations. Atmospheric Chemistry and Physics, 2019, 19, 14071-14090.	1.9	5
17	Natural Formation of Chloro- and Bromoacetone in Salt Lakes of Western Australia. Atmosphere, 2019, 10, 663.	1.0	2
18	The Influence of Airâ€Sea Fluxes on Atmospheric Aerosols During the Summer Monsoon Over the Tropical Indian Ocean. Geophysical Research Letters, 2018, 45, 418-426.	1.5	16

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19	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. Scientific Reports, 2018, 8, 4669.	1.6	11
20	The O2/N2 Ratio and CO2 Airborne Southern Ocean Study. Bulletin of the American Meteorological Society, 2018, 99, 381-402.	1.7	28
21	Surface fluxes of bromoform and dibromomethane over the tropical western Pacific inferred from airborne in situ measurements. Atmospheric Chemistry and Physics, 2018, 18, 14787-14798.	1.9	2
22	Wintertime Transport of Reactive Trace Gases From East Asia Into the Deep Tropics. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,877.	1.2	5
23	SO 2 Observations and Sources in the Western Pacific Tropical Tropopause Region. Journal of Geophysical Research D: Atmospheres, 2018, 123, 13,549.	1.2	11
24	Use of Airborne In Situ VOC Measurements to Estimate Transit Time Spectrum: An Observationâ€Based Diagnostic of Convective Transport. Geophysical Research Letters, 2018, 45, 13,150.	1.5	8
25	Methyl, Ethyl, and Propyl Nitrates: Global Distribution and Impacts on Reactive Nitrogen in Remote Marine Environments. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,429.	1.2	33
26	Quantifying the vertical transport of CHBr₃ and CH₂Br₂ over the western Pacific. Atmospheric Chemistry and Physics, 2018, 18, 13135-13153.	1.9	10
27	Stratospheric Injection of Brominated Very Shortâ€Lived Substances: Aircraft Observations in the Western Pacific and Representation in Global Models. Journal of Geophysical Research D: Atmospheres, 2018, 123, 5690-5719.	1.2	36
28	Observations of ozone-poor air in the tropical tropopause layer. Atmospheric Chemistry and Physics, 2018, 18, 5157-5171.	1.9	11
29	Evidence of convective transport in tropical West Pacific region during SHIVA experiment. Atmospheric Science Letters, 2018, 19, e798.	0.8	7
30	The NASA Airborne Tropical Tropopause Experiment: High-Altitude Aircraft Measurements in the Tropical Western Pacific. Bulletin of the American Meteorological Society, 2017, 98, 129-143.	1.7	79
31	The Convective Transport of Active Species in the Tropics (CONTRAST) Experiment. Bulletin of the American Meteorological Society, 2017, 98, 106-128.	1.7	50
32	Introduction to special issue on natural halocarbons in the atmosphere. Journal of Atmospheric Chemistry, 2017, 74, 141-143.	1.4	6
33	Halogenation processes linked to red wood ant nests (Formica spp.) and tectonics. Journal of Atmospheric Chemistry, 2017, 74, 261-281.	1.4	5
34	Probing the subtropical lowermost stratosphere and the tropical upper troposphere and tropopause layer for inorganic bromine. Atmospheric Chemistry and Physics, 2017, 17, 1161-1186.	1.9	25
35	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. Atmospheric Chemistry and Physics, 2017, 17, 2103-2162.	1.9	307
36	Modeling the inorganic bromine partitioning in the tropical tropopause layer over the eastern and western Pacific Ocean. Atmospheric Chemistry and Physics, 2017, 17, 9917-9930.	1.9	7

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37	BrO and inferred Br_{<i>y</i>} profiles over the western Pacific: relevance of inorganic bromine sources and a Br_{<i>y</i>} minimum in the aged tropical tropopause layer. Atmospheric Chemistry and Physics, 2017, 17, 15245-15270.	1.9	33
38	Direct oceanic emissions unlikely to account for the missing source of atmospheric carbonyl sulfide. Atmospheric Chemistry and Physics, 2017, 17, 385-402.	1.9	60
39	Delivery of halogenated very short-lived substances from the west Indian Ocean to the stratosphere during the Asian summer monsoon. Atmospheric Chemistry and Physics, 2017, 17, 6723-6741.	1.9	29
40	An improved, automated whole air sampler and gas chromatography mass spectrometry analysis system for volatile organic compounds in the atmosphere. Atmospheric Measurement Techniques, 2017, 10, 291-313.	1.2	54
41	A comparison of very short lived halocarbon (VSLS) and DMS aircraft measurements in the tropical west Pacific from CAST, ATTREX and CONTRAST. Atmospheric Measurement Techniques, 2016, 9, 5213-5225.	1.2	27
42	An observationally constrained evaluation of the oxidative capacity in the tropical western Pacific troposphere. Journal of Geophysical Research D: Atmospheres, 2016, 121, 7461-7488.	1.2	18
43	Isotopic ordering in atmospheric O₂ as a tracer of ozone photochemistry and the tropical atmosphere. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,541.	1.2	15
44	Airborne measurements of BrO and the sum of HOBr and Br₂ over the Tropical West Pacific from 1 to 15â€‰km during the CONvective TRansport of Active Species in the Tropics (CONTRAST) experiment. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,560.	1.2	16
45	Meteorological constraints on oceanic halocarbons above the Peruvian upwelling. Atmospheric Chemistry and Physics, 2016, 16, 12205-12217.	1.9	7
46	The contribution of oceanic halocarbons to marine and free tropospheric air over the tropical West Pacific. Atmospheric Chemistry and Physics, 2016, 16, 7569-7585.	1.9	29
47	A multi-model intercomparison of halogenated very short-lived substances (TransCom-VSLS): linking oceanic emissions and tropospheric transport for a reconciled estimate of the stratospheric source gas injection of bromine. Atmospheric Chemistry and Physics, 2016, 16, 9163-9187.	1.9	51
48	Can simple models predict large-scale surface ocean isoprene concentrations?. Atmospheric Chemistry and Physics, 2016, 16, 11807-11821.	1.9	45
49	Biogenic halocarbons from the Peruvian upwelling region as tropospheric halogen source. Atmospheric Chemistry and Physics, 2016, 16, 12219-12237.	1.9	22
50	Model sensitivity studies of the decrease in atmospheric carbon tetrachloride. Atmospheric Chemistry and Physics, 2016, 16, 15741-15754.	1.9	5
51	Measurements and modeling of contemporary radiocarbon in the stratosphere. Geophysical Research Letters, 2016, 43, 1399-1406.	1.5	8
52	A pervasive role for biomass burning in tropical high ozone/low water structures. Nature Communications, 2016, 7, 10267.	5.8	33
53	Continued emissions of carbon tetrachloride from the United States nearly two decades after its phaseout for dispersive uses. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 2880-2885.	3.3	32
54	Growth in stratospheric chlorine from shortâ€lived chemicals not controlled by the Montreal Protocol. Geophysical Research Letters, 2015, 42, 4573-4580.	1.5	42

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55	Bimodal distribution of free tropospheric ozone over the tropical western Pacific revealed by airborne observations. Geophysical Research Letters, 2015, 42, 7844-7851.	1.5	18
56	Aircraft measurements of gravity waves in the upper troposphere and lower stratosphere during the START08 field experiment. Atmospheric Chemistry and Physics, 2015, 15, 7667-7684.	1.9	24
57	Modelling marine emissions and atmospheric distributions of halocarbons and dimethyl sulfide: the influence of prescribed water concentration vs. prescribed emissions. Atmospheric Chemistry and Physics, 2015, 15, 11753-11772.	1.9	28
58	Halocarbon emissions and sources in the equatorial Atlantic Cold Tongue. Biogeosciences, 2015, 12, 6369-6387.	1.3	12
59	Airborne measurements of organic bromine compounds in the Pacific tropical tropopause layer. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13789-13793.	3.3	47
60	Thermolytic degradation of methylmethionine and implications for its role in DMS and MeCl formation in hypersaline environments. Environmental Chemistry, 2015, 12, 415.	0.7	4
61	Observation of the Variations of Very Short-Lived Halocarbon Emissions in Tropical Coastal Marine Boundary Layer. Advanced Science Letters, 2015, 21, 144-149.	0.2	2
62	Changes in nitrogen oxides emissions in California during 2005â€“2010 indicated from topâ€down and bottomâ€up emission estimates. Journal of Geophysical Research D: Atmospheres, 2014, 119, 12,928.	1.2	16
63	Results from the International Halocarbons in Air Comparison Experiment (IHALACE). Atmospheric Measurement Techniques, 2014, 7, 469-490.	1.2	37
64	Global emissions of refrigerants HCFC-22 and HFC-134a: Unforeseen seasonal contributions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17379-17384.	3.3	59
65	Observational evidence for interhemispheric hydroxyl-radical parity. Nature, 2014, 513, 219-223.	13.7	121
66	Drivers of diel and regional variations of halocarbon emissions from the tropical North East Atlantic. Atmospheric Chemistry and Physics, 2014, 14, 1255-1275.	1.9	31
67	Chlorine as a primary radical: evaluation of methods to understand its role in initiation of oxidative cycles. Atmospheric Chemistry and Physics, 2014, 14, 3427-3440.	1.9	90
68	Emissions of organic carbon and methane from petroleum and dairy operations in California's San Joaquin Valley. Atmospheric Chemistry and Physics, 2014, 14, 4955-4978.	1.9	59
69	Convective transport of very short lived bromocarbons to the stratosphere. Atmospheric Chemistry and Physics, 2014, 14, 5781-5792.	1.9	59
70	Unexpected variations in the triple oxygen isotope composition of stratospheric carbon dioxide. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17680-17685.	3.3	33
71	Impact of the marine atmospheric boundary layer conditions on VSLS abundances in the eastern tropical and subtropical North Atlantic Ocean. Atmospheric Chemistry and Physics, 2013, 13, 6345-6357.	1.9	25
72	Dimethylsulphide (DMS) emissions from the western Pacific Ocean: a potential marine source for stratospheric sulphur?. Atmospheric Chemistry and Physics, 2013, 13, 8427-8437.	1.9	31

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73	Global sea-to-air flux climatology for bromoform, dibromomethane and methyl iodide. Atmospheric Chemistry and Physics, 2013, 13, 8915-8934.	1.9	131
74	Corrigendum to "Dimethylsulphide (DMS) emissionsfrom the West Pacific Ocean: a potential marine source for stratospheric sulphur?" published in Atmos. Chem. Phys., 13, 8427â€“8437, 2013. Atmospheric Chemistry and Physics, 2013, 13, 8813-8814.	1.9	2
75	Biogenic VOC oxidation and organic aerosol formation in an urban nocturnal boundary layer: aircraft vertical profiles in Houston, TX. Atmospheric Chemistry and Physics, 2013, 13, 11317-11337.	1.9	51
76	Evaluating global emission inventories of biogenic bromocarbons. Atmospheric Chemistry and Physics, 2013, 13, 11819-11838.	1.9	66
77	The contribution of oceanic methyl iodide to stratospheric iodine. Atmospheric Chemistry and Physics, 2013, 13, 11869-11886.	1.9	42
78	Quantifying sources of methane using light alkanes in the Los Angeles basin, California. Journal of Geophysical Research D: Atmospheres, 2013, 118, 4974-4990.	1.2	167
79	Emission estimates of HCFCs and HFCs in California from the 2010 CalNex study. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2019-2030.	1.2	10
80	Photochemical aging of volatile organic compounds in the Los Angeles basin: Weekdayâ€“weekend effect. Journal of Geophysical Research D: Atmospheres, 2013, 118, 5018-5028.	1.2	54
81	Chemical data quantify Deepwater Horizon hydrocarbon flow rate and environmental distribution. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20246-20253.	3.3	258
82	Emission and transport of bromocarbons: from the West Pacific ocean into the stratosphere. Atmospheric Chemistry and Physics, 2012, 12, 10633-10648.	1.9	64
83	Bromine and iodine chemistry in a global chemistry-climate model: description and evaluation of very short-lived oceanic sources. Atmospheric Chemistry and Physics, 2012, 12, 1423-1447.	1.9	193
84	Estimating the climate significance of halogen-driven ozone loss in the tropical marine troposphere. Atmospheric Chemistry and Physics, 2012, 12, 3939-3949.	1.9	157
85	Short-lived brominated hydrocarbons â€“ observations in the source regions and the tropical tropopause layer. Atmospheric Chemistry and Physics, 2012, 12, 1213-1228.	1.9	59
86	Transport of short-lived species into the Tropical Tropopause Layer. Atmospheric Chemistry and Physics, 2012, 12, 6309-6322.	1.9	32
87	The contribution of natural and anthropogenic very short-lived species to stratospheric bromine. Atmospheric Chemistry and Physics, 2012, 12, 371-380.	1.9	63
88	Air quality implications of theDeepwater Horizonoil spill. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20280-20285.	3.3	79
89	Airborne and groundâ€based observations of a weekend effect in ozone, precursors, and oxidation products in the California South Coast Air Basin. Journal of Geophysical Research, 2012, 117, .	3.3	97
90	Ozone and alkyl nitrate formation from the Deepwater Horizon oil spill atmospheric emissions. Journal of Geophysical Research, 2012, 117, .	3.3	16

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91	Multiyear trends in volatile organic compounds in Los Angeles, California: Five decades of decreasing emissions. Journal of Geophysical Research, 2012, 117, .	3.3	183
92	Airborne observations of methane emissions from rice cultivation in the Sacramento Valley of California. Journal of Geophysical Research, 2012, 117, .	3.3	50
93	On the Sources of Methane to the Los Angeles Atmosphere. Environmental Science & Technology, 2012, 46, 9282-9289.	4.6	126
94	Evidence from firn air for recent decreases in non-methane hydrocarbons and a 20th century increase in nitrogen oxides in the northern hemisphere. Atmospheric Environment, 2012, 54, 592-602.	1.9	26
95	Transport pathways and signatures of mixing in the extratropical tropopause region derived from Lagrangian model simulations. Journal of Geophysical Research, 2011, 116, .	3.3	52
96	Dynamical and chemical characteristics of tropospheric intrusions observed during START08. Journal of Geophysical Research, 2011, 116, .	3.3	40
97	Atmospheric emissions from the Deepwater Horizon spill constrain air-water partitioning, hydrocarbon fate, and leak rate. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	107
98	Iodine containing species in the remote marine boundary layer: A link to oceanic phytoplankton. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	28
99	Budgets for nocturnal VOC oxidation by nitrate radicals aloft during the 2006 Texas Air Quality Study. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	63
100	Organic Aerosol Formation Downwind from the Deepwater Horizon Oil Spill. Science, 2011, 331, 1295-1299.	6.0	162
101	Trace gas and particle emissions from open biomass burning in Mexico. Atmospheric Chemistry and Physics, 2011, 11, 6787-6808.	1.9	133
102	Evaluations of NO_x and highly reactive VOC emission inventories in Texas and their implications for ozone plume simulations during the Texas Air Quality Study 2006. Atmospheric Chemistry and Physics, 2011, 11, 11361-11386.	1.9	85
103	Emissions and photochemistry of oxygenated VOCs in urban plumes in the Northeastern United States. Atmospheric Chemistry and Physics, 2011, 11, 7081-7096.	1.9	41
104	The glyoxal budget and its contribution to organic aerosol for Los Angeles, California, during CalNex 2010. Journal of Geophysical Research, 2011, 116, .	3.3	99
105	Assessing the effect of marine isoprene and ship emissions on ozone, using modelling and measurements from the South Atlantic Ocean. Environmental Chemistry, 2010, 7, 171.	0.7	26
106	Vertical transport rates and concentrations of OH and Cl radicals in the Tropical Tropopause Layer from observations of CO₂ and halocarbons: implications for distributions of long- and short-lived chemical species. Atmospheric Chemistry and Physics, 2010, 10, 6669-6684.	1.9	19
107	Finding the missing stratospheric Br_y: a global modeling study of CHBr₃ and CH₂Br₂. Atmospheric Chemistry and Physics, 2010, 10, 2269-2286.	1.9	147
108	Bromoform and dibromomethane in the tropics: a 3-D model study of chemistry and transport. Atmospheric Chemistry and Physics, 2010, 10, 719-735.	1.9	112

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109	Biogenic emission measurement and inventories determination of biogenic emissions in the eastern United States and Texas and comparison with biogenic emission inventories. Journal of Geophysical Research, 2010, 115, .	3.3	89
110	An aircraftâ€based upper troposphere lower stratosphere O₃, CO, and H₂O climatology for the Northern Hemisphere. Journal of Geophysical Research, 2010, 115, .	3.3	46
111	Effect of local and regional sources on the isotopic composition of nitrous oxide in the tropical free troposphere and tropopause layer. Journal of Geophysical Research, 2010, 115, .	3.3	7
112	Characterization of NO_x, SO₂, ethene, and propene from industrial emission sources in Houston, Texas. Journal of Geophysical Research, 2010, 115, .	3.3	44
113	A new interpretation of total column BrO during Arctic spring. Geophysical Research Letters, 2010, 37, .	1.5	116
114	Correction to â€œAn aircraft-based upper troposphere lower stratosphere O3, CO, and H2O climatology for the Northern Hemisphereâ€. Journal of Geophysical Research, 2010, 115, .	3.3	3
115	The Stratosphereâ€“Troposphere Analyses of Regional Transport 2008 Experiment. Bulletin of the American Meteorological Society, 2010, 91, 327-342.	1.7	96
116	Large and unexpected enrichment in stratospheric ¹⁶ O ¹³ C ¹⁸ O and its meridional variation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11496-11501.	3.3	37
117	Age of stratospheric air unchanged within uncertainties over the pastÂ30â€‰years. Nature Geoscience, 2009, 2, 28-31.	5.4	260
118	Halocarbon Emissions from the United States and Mexico and Their Global Warming Potential. Environmental Science & Technology, 2009, 43, 1055-1060.	4.6	46
119	Organic aerosol formation in urban and industrial plumes near Houston and Dallas, Texas. Journal of Geophysical Research, 2009, 114, .	3.3	230
120	Reactive uptake coefficients for N₂O₅ determined from aircraft measurements during the Second Texas Air Quality Study: Comparison to current model parameterizations. Journal of Geophysical Research, 2009, 114, .	3.3	124
121	Relationship between photochemical ozone production and NO_x oxidation in Houston, Texas. Journal of Geophysical Research, 2009, 114, .	3.3	36
122	Carbonyl sulfide as an inverse tracer for biogenic organic carbon in gas and aerosol phases. Geophysical Research Letters, 2009, 36, .	1.5	11
123	Airborne Measurements of Ethene from Industrial Sources Using Laser Photo-Acoustic Spectroscopy. Environmental Science & Technology, 2009, 43, 2437-2442.	4.6	57
124	Characterization of volatile organic compounds (VOCs) in Asian and north American pollution plumes during INTEX-B: identification of specific Chinese air mass tracers. Atmospheric Chemistry and Physics, 2009, 9, 5371-5388.	1.9	59
125	Nocturnal isoprene oxidation over the Northeast United States in summer and its impact on reactive nitrogen partitioning and secondary organic aerosol. Atmospheric Chemistry and Physics, 2009, 9, 3027-3042.	1.9	128
126	Long-lived halocarbon trends and budgets from atmospheric chemistry modelling constrained with measurements in polar firn. Atmospheric Chemistry and Physics, 2009, 9, 3911-3934.	1.9	49

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127	Emissions from biomass burning in the Yucatan. Atmospheric Chemistry and Physics, 2009, 9, 5785-5812.	1.9	433
128	Modeling the transport of very short-lived substances into the tropical upper troposphere and lower stratosphere. Atmospheric Chemistry and Physics, 2009, 9, 9237-9247.	1.9	122
129	Comparisons of modeled and observed isoprene concentrations in southeast Texas. Atmospheric Environment, 2008, 42, 1922-1940.	1.9	18
130	A study of organic nitrates formation in an urban plume using a Master Chemical Mechanism. Atmospheric Environment, 2008, 42, 5771-5786.	1.9	32
131	Controls on atmospheric chloroiodomethane (CH₂ClI) in marine environments. Journal of Geophysical Research, 2008, 113, .	3.3	25
132	Sources of particulate matter in the northeastern United States in summer: 2. Evolution of chemical and microphysical properties. Journal of Geophysical Research, 2008, 113, .	3.3	48
133	Sources of particulate matter in the northeastern United States in summer: 1. Direct emissions and secondary formation of organic matter in urban plumes. Journal of Geophysical Research, 2008, 113, .	3.3	173
134	Total observed organic carbon (TOOC) in the atmosphere: a synthesis of North American observations. Atmospheric Chemistry and Physics, 2008, 8, 2007-2025.	1.9	94
135	Lagrangian analysis of low altitude anthropogenic plume processing across the North Atlantic. Atmospheric Chemistry and Physics, 2008, 8, 7737-7754.	1.9	48
136	Investigating the sources and atmospheric processing of fine particles from Asia and the Northwestern United States measured during INTEX B. Atmospheric Chemistry and Physics, 2008, 8, 1835-1853.	1.9	54
137	Steady-state aerosol distributions in the extra-tropical, lower stratosphere and the processes that maintain them. Atmospheric Chemistry and Physics, 2008, 8, 6617-6626.	1.9	29
138	The CO₂ tracer clock for the Tropical Tropopause Layer. Atmospheric Chemistry and Physics, 2007, 7, 3989-4000.	1.9	46
139	Emissions from forest fires near Mexico City. Atmospheric Chemistry and Physics, 2007, 7, 5569-5584.	1.9	205
140	Possible evidence for a connection between methyl iodide emissions and Saharan dust. Journal of Geophysical Research, 2007, 112, .	3.3	23
141	No evidence for acid-catalyzed secondary organic aerosol formation in power plant plumes over metropolitan Atlanta, Georgia. Geophysical Research Letters, 2007, 34, .	1.5	53
142	Influence of lateral and top boundary conditions on regional air quality prediction: A multiscale study coupling regional and global chemical transport models. Journal of Geophysical Research, 2007, 112, .	3.3	82
143	Alkyl nitrates in outflow from North America over the North Atlantic during Intercontinental Transport of Ozone and Precursors 2004. Journal of Geophysical Research, 2007, 112, .	3.3	33
144	Effects of mixing on evolution of hydrocarbon ratios in the troposphere. Journal of Geophysical Research, 2007, 112, .	3.3	140

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145	Statistical inference of OH concentrations and air mass dilution rates from successive observations of nonmethane hydrocarbons in single air masses. Journal of Geophysical Research, 2007, 112, .	3.3	31
146	Bromoform and dibromomethane above the Mauritanian upwelling: Atmospheric distributions and oceanic emissions. Journal of Geophysical Research, 2007, 112, .	3.3	55
147	Determination of urban volatile organic compound emission ratios and comparison with an emissions database. Journal of Geophysical Research, 2007, 112, .	3.3	254
148	A study of secondary organic aerosol formation in the anthropogenicâ€influenced southeastern United States. Journal of Geophysical Research, 2007, 112, .	3.3	517
149	Validation of the Aura Microwave Limb Sounder middle atmosphere water vapor and nitrous oxide measurements. Journal of Geophysical Research, 2007, 112, .	3.3	255
150	Are methyl halides produced on all ice surfaces? Observations from snow-laden field sites. Atmospheric Environment, 2007, 41, 5162-5177.	1.9	15
151	An overview of air-snow exchange at Summit, Greenland: Recent experiments and findings. Atmospheric Environment, 2007, 41, 4995-5006.	1.9	23
152	Reply to â€œComment on â€˜Long-term atmospheric measurements of C1â€“C5 alkyl nitrates in the Pearl River Delta region of southeast Chinaâ€™â€•. Atmospheric Environment, 2007, 41, 7371-7372.	1.9	2
153	An ozone depletion event in the sub-arctic surface layer over Hudson Bay, Canada. Journal of Atmospheric Chemistry, 2007, 57, 255-280.	1.4	13
154	Volatile organic compounds composition of merged and aged forest fire plumes from Alaska and western Canada. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	165
155	Biomass burning and anthropogenic sources of CO over New England in the summer 2004. Journal of Geophysical Research, 2006, 111, .	3.3	83
156	Oxalic acid in clear and cloudy atmospheres: Analysis of data from International Consortium for Atmospheric Research on Transport and Transformation 2004. Journal of Geophysical Research, 2006, 111, .	3.3	187
157	Establishing Lagrangian connections between observations within air masses crossing the Atlantic during the International Consortium for Atmospheric Research on Transport and Transformation experiment. Journal of Geophysical Research, 2006, 111, .	3.3	60
158	Nocturnal odd-oxygen budget and its implications for ozone loss in the lower troposphere. Geophysical Research Letters, 2006, 33, .	1.5	75
159	Long-term atmospheric measurements of C1â€“C5 alkyl nitrates in the Pearl River Delta region of southeast China. Atmospheric Environment, 2006, 40, 1619-1632.	1.9	49
160	Early validation analyses of atmospheric profiles from EOS MLS on the aura Satellite. IEEE Transactions on Geoscience and Remote Sensing, 2006, 44, 1106-1121.	2.7	223
161	Temporal Changes in U.S. Benzene Emissions Inferred from Atmospheric Measurements. Environmental Science & Technology, 2005, 39, 1403-1408.	4.6	61
162	Trace gas emissions through a winter snowpack in the subalpine ecosystem at Niwot Ridge, Colorado. Geophysical Research Letters, 2005, 32, .	1.5	22

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163	An investigation of the chemistry of ship emission plumes during ITCT 2002. Journal of Geophysical Research, 2005, 110, .	3.3	103
164	Improved albedo formulation for chemistry transport models based on satellite observations and assimilated snow data and its impact on tropospheric photochemistry. Journal of Geophysical Research, 2005, 110, .	3.3	16
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