

E L Atlas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9023136/publications.pdf>

Version: 2024-02-01

301
papers

21,488
citations

7568

77
h-index

16650

123
g-index

380
all docs

380
docs citations

380
times ranked

11387
citing authors

#	ARTICLE	IF	CITATIONS
1	The atmospheric input of trace species to the world ocean. <i>Global Biogeochemical Cycles</i> , 1991, 5, 193-259.	4.9	1,478
2	A study of secondary organic aerosol formation in the anthropogenicâ€influenced southeastern United States. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	517
3	Emissions from biomass burning in the Yucatan. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5785-5812.	4.9	433
4	Hydrogen Radicals, Nitrogen Radicals, and the Production of O ₃ in the Upper Troposphere. <i>Science</i> , 1998, 279, 49-53.	12.6	329
5	Global Transport of Organic Pollutants: Ambient Concentrations in the Remote Marine Atmosphere. <i>Science</i> , 1981, 211, 163-165.	12.6	318
6	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
7	The Detection of Large HNO ₃ -Containing Particles in the Winter Arctic Stratosphere. <i>Science</i> , 2001, 291, 1026-1031.	12.6	279
8	Effect of petrochemical industrial emissions of reactive alkenes and NO _x on tropospheric ozone formation in Houston, Texas. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	263
9	Age of stratospheric air unchanged within uncertainties over the past 30 years. <i>Nature Geoscience</i> , 2009, 2, 28-31.	12.9	260
10	Observations of Ozone Formation in Power Plant Plumes and Implications for Ozone Control Strategies. <i>Science</i> , 2001, 292, 719-723.	12.6	258
11	Chemical data quantify <i>Deepwater Horizon</i> hydrocarbon flow rate and environmental distribution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 20246-20253.	7.1	258
12	Distribution and fate of selected oxygenated organic species in the troposphere and lower stratosphere over the Atlantic. <i>Journal of Geophysical Research</i> , 2000, 105, 3795-3805.	3.3	257
13	Validation of the Aura Microwave Limb Sounder middle atmosphere water vapor and nitrous oxide measurements. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	255
14	Determination of urban volatile organic compound emission ratios and comparison with an emissions database. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	254
15	Phthalate ester plasticizers: a new class of marine pollutant. <i>Science</i> , 1978, 199, 419-421.	12.6	232
16	Organic aerosol formation in urban and industrial plumes near Houston and Dallas, Texas. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	230
17	Early validation analyses of atmospheric profiles from EOS MLS on the aura Satellite. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006, 44, 1106-1121.	6.3	223
18	Depletion of lower tropospheric ozone during Arctic spring: The Polar Sunrise Experiment 1988. <i>Journal of Geophysical Research</i> , 1990, 95, 18555-18568.	3.3	213

#	ARTICLE	IF	CITATIONS
19	Emissions from forest fires near Mexico City. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 5569-5584.	4.9	205
20	Bromine and iodine chemistry in a global chemistry-climate model: description and evaluation of very short-lived oceanic sources. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1423-1447.	4.9	193
21	Phthalate Ester Plasticizers: A New Class of Marine Pollutant. <i>Science</i> , 1978, 199, 419-421.	12.6	192
22	Oxalic acid in clear and cloudy atmospheres: Analysis of data from International Consortium for Atmospheric Research on Transport and Transformation 2004. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	187
23	Multiyear trends in volatile organic compounds in Los Angeles, California: Five decades of decreasing emissions. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	183
24	Distributions of brominated organic compounds in the troposphere and lower stratosphere. <i>Journal of Geophysical Research</i> , 1999, 104, 21513-21535.	3.3	179
25	Sources of particulate matter in the northeastern United States in summer: 1. Direct emissions and secondary formation of organic matter in urban plumes. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	173
26	NMHCs and halocarbons in Asian continental outflow during the Transport and Chemical Evolution over the Pacific (TRACE-P) Field Campaign: Comparison With PEM-West B. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	171
27	Quantifying sources of methane using light alkanes in the Los Angeles basin, California. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4974-4990.	3.3	167
28	Volatile organic compounds composition of merged and aged forest fire plumes from Alaska and western Canada. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	165
29	NOAA Gulf of Mexico Status and Trends Program: Trace Organic Contaminant Distribution in Sediments and Oysters. <i>Estuaries and Coasts</i> , 1988, 11, 171.	1.7	164
30	Organic Aerosol Formation Downwind from the Deepwater Horizon Oil Spill. <i>Science</i> , 2011, 331, 1295-1299.	12.6	162
31	Alkyl nitrates, nonmethane hydrocarbons, and halocarbon gases over the equatorial Pacific Ocean during SAGA 3. <i>Journal of Geophysical Research</i> , 1993, 98, 16933-16947.	3.3	161
32	Observed OH and HO ₂ in the upper troposphere suggest a major source from convective injection of peroxides. <i>Geophysical Research Letters</i> , 1997, 24, 3181-3184.	4.0	160
33	Estimating the climate significance of halogen-driven ozone loss in the tropical marine troposphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3939-3949.	4.9	157
34	Methyl halide emissions from savanna fires in southern Africa. <i>Journal of Geophysical Research</i> , 1996, 101, 23603-23613.	3.3	148
35	Finding the missing stratospheric Br_y; a global modeling study of CH₃ and CH₂Br₂. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 2269-2286.	4.9	147
36	On the origin of tropospheric ozone and NO _x over the tropical South Pacific. <i>Journal of Geophysical Research</i> , 1999, 104, 5829-5843.	3.3	140

#	ARTICLE	IF	CITATIONS
37	Effects of mixing on evolution of hydrocarbon ratios in the troposphere. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	140
38	A study of the photochemistry and ozone budget during the Mauna Loa Observatory Photochemistry Experiment. <i>Journal of Geophysical Research</i> , 1992, 97, 10463-10471.	3.3	133
39	Trace gas and particle emissions from open biomass burning in Mexico. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6787-6808.	4.9	133
40	Distribution of halon-1211 in the upper troposphere and lower stratosphere and the 1994 total bromine budget. <i>Journal of Geophysical Research</i> , 1998, 103, 1513-1526.	3.3	131
41	Global sea-to-air flux climatology for bromoform, dibromomethane and methyl iodide. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8915-8934.	4.9	131
42	Measurements of halogenated organic compounds near the tropical tropopause. <i>Geophysical Research Letters</i> , 1993, 20, 2567-2570.	4.0	128
43	Nocturnal isoprene oxidation over the Northeast United States in summer and its impact on reactive nitrogen partitioning and secondary organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3027-3042.	4.9	128
44	Signatures of terminal alkene oxidation in airborne formaldehyde measurements during TexAQS 2000. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	126
45	Measurements of organic species in air and seawater from the tropical Atlantic. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	126
46	On the Sources of Methane to the Los Angeles Atmosphere. <i>Environmental Science & Technology</i> , 2012, 46, 9282-9289.	10.0	126
47	Evidence for C_3 alkyl nitrates in rural and remote atmospheres. <i>Nature</i> , 1988, 331, 426-428.	27.8	125
48	Reactive uptake coefficients for N_2O_5 determined from aircraft measurements during the Second Texas Air Quality Study: Comparison to current model parameterizations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	124
49	Tropospheric hydroxyl and atomic chlorine concentrations, and mixing timescales determined from hydrocarbon and halocarbon measurements made over the Southern Ocean. <i>Journal of Geophysical Research</i> , 1999, 104, 21819-21828.	3.3	122
50	Modeling the transport of very short-lived substances into the tropical upper troposphere and lower stratosphere. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 9237-9247.	4.9	122
51	Observational evidence for interhemispheric hydroxyl-radical parity. <i>Nature</i> , 2014, 513, 219-223.	27.8	121
52	A new interpretation of total column BrO during Arctic spring. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	116
53	Bromoform and dibromomethane in the tropics: a 3-D model study of chemistry and transport. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 719-735.	4.9	112
54	Rethinking reactive halogen budgets in the midlatitude lower stratosphere. <i>Geophysical Research Letters</i> , 1999, 26, 1699-1702.	4.0	110

#	ARTICLE	IF	CITATIONS
55	Particle growth in urban and industrial plumes in Texas. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	109
56	Atmospheric emissions from the Deepwater Horizon spill constrain air-water partitioning, hydrocarbon fate, and leak rate. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	107
57	Comparison of MkIV balloon and ER-2 aircraft measurements of atmospheric trace gases. <i>Journal of Geophysical Research</i> , 1999, 104, 26779-26790.	3.3	106
58	NOAA's status and trends mussel watch program: Chlorinated pesticides and PCBs in oysters (<i>Crassostrea virginica</i>) and sediments from the Gulf of Mexico, 1986-1987. <i>Marine Environmental Research</i> , 1990, 29, 161-203.	2.5	105
59	Extreme deuterium enrichment in stratospheric hydrogen and the global atmospheric budget of H ₂ . <i>Nature</i> , 2003, 424, 918-921.	27.8	105
60	Oceanic bromoform sources for the tropical atmosphere. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	103
61	An investigation of the chemistry of ship emission plumes during ITCT 2002. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	103
62	Estimates of total organic and inorganic chlorine in the lower stratosphere from in situ and flask measurements during AASE II. <i>Journal of Geophysical Research</i> , 1995, 100, 3057.	3.3	99
63	The glyoxal budget and its contribution to organic aerosol for Los Angeles, California, during CalNex 2010. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	99
64	Ambient concentration and precipitation scavenging of atmospheric organic pollutants. <i>Water, Air, and Soil Pollution</i> , 1988, 38, 19-36.	2.4	99
65	Airborne and ground-based observations of a weekend effect in ozone, precursors, and oxidation products in the California South Coast Air Basin. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	97
66	The Stratosphere-Troposphere Analyses of Regional Transport 2008 Experiment. <i>Bulletin of the American Meteorological Society</i> , 2010, 91, 327-342.	3.3	96
67	Is the Arctic Surface Layer a Source and Sink of NO _x in Winter/Spring?. <i>Journal of Atmospheric Chemistry</i> , 2000, 36, 1-22.	3.2	94
68	Total observed organic carbon (TOOC) in the atmosphere: a synthesis of North American observations. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 2007-2025.	4.9	94
69	Partitioning and budget of NO _x species during the Mauna Loa Observatory Photochemistry Experiment. <i>Journal of Geophysical Research</i> , 1992, 97, 10449-10462.	3.3	92
70	Solubility behavior of apatites in seawater. <i>Limnology and Oceanography</i> , 1977, 22, 290-300.	3.1	90
71	Chlorine as a primary radical: evaluation of methods to understand its role in initiation of oxidative cycles. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 3427-3440.	4.9	90
72	Chemical composition of air masses transported from Asia to the U.S. West Coast during ITCT 2K2: Fossil fuel combustion versus biomass-burning signatures. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	89

#	ARTICLE	IF	CITATIONS
73	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
74	Aircraft measurements of the latitudinal, vertical, and seasonal variations of NMHCs, methyl nitrate, methyl halides, and DMS during the First Aerosol Characterization Experiment (ACE 1). Journal of Geophysical Research, 1999, 104, 21803-21817.	3.3	88
75	Changes in the photochemical environment of the temperate North Pacific troposphere in response to increased Asian emissions. Journal of Geophysical Research, 2004, 109, .	3.3	86
76	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.	4.9	85
77	Measurements of bromine containing organic compounds at the tropical tropopause. Geophysical Research Letters, 1998, 25, 317-320.	4.0	84
78	Biomass burning and anthropogenic sources of CO over New England in the summer 2004. Journal of Geophysical Research, 2006, 111, .	3.3	83
79	Adsorption of phthalic acid esters from seawater. Environmental Science & Technology, 1982, 16, 428-432.	10.0	82
80	The partitioning of nitrogen oxides in the lower Arctic troposphere during spring 1988. Journal of Atmospheric Chemistry, 1993, 17, 15-27.	3.2	82
81	Coupled evolution of BrO _x -ClO _x -HO _x -NO _x chemistry during bromine-catalyzed ozone depletion events in the arctic boundary layer. Journal of Geophysical Research, 2003, 108, .	3.3	82
82	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
83	Phthalate esters, PCB and DDT residues in the gulf of mexico atmosphere. Atmospheric Environment, 1980, 14, 65-69.	1.0	81
84	The Tropospheric Ozone Production about the Spring Equinox (TOPSE) Experiment: Introduction. Journal of Geophysical Research, 2003, 108, .	3.3	81
85	Air-sea exchange of high-molecular weight organic pollutants: laboratory studies. Environmental Science & Technology, 1982, 16, 283-286.	10.0	80
86	Latitudinal, vertical, and seasonal variations of C1-C4 alkyl nitrates in the troposphere over the Pacific Ocean during PEM-Tropics A and B: Oceanic and continental sources. Journal of Geophysical Research, 2003, 108, .	3.3	80
87	Gas-phase chemical characteristics of Asian emission plumes observed during ITCT 2K2 over the eastern North Pacific Ocean. Journal of Geophysical Research, 2004, 109, .	3.3	80
88	Volatile organic trace gases emitted from North American wildfires. Global Biogeochemical Cycles, 2001, 15, 435-452.	4.9	79
89	Air quality implications of the Deepwater Horizon oil spill. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20280-20285.	7.1	79
90	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.	3.3	79

#	ARTICLE	IF	CITATIONS
91	Ozone depletion events observed in the high latitude surface layer during the TOPSE aircraft program. <i>Journal of Geophysical Research</i> , 2003, 108, TOP 4-1.	3.3	75
92	Nocturnal odd-oxygen budget and its implications for ozone loss in the lower troposphere. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	75
93	Phthalic Acid Esters. <i>Handbook of Environmental Chemistry</i> , 1984, , 67-142.	0.4	72
94	Effect of sulfate aerosol on tropospheric NO _x and ozone budgets: Model simulations and TOPSE evidence. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	70
95	Chlorine budget and partitioning during the Stratospheric Aerosol and Gas Experiment (SAGE) III Ozone Loss and Validation Experiment (SOLVE). <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	69
96	The Mauna Loa Observatory Photochemistry Experiment: Introduction. <i>Journal of Geophysical Research</i> , 1996, 101, 14531-14541.	3.3	66
97	Chemical characteristics of Pacific tropospheric air in the region of the Intertropical Convergence Zone and South Pacific Convergence Zone. <i>Journal of Geophysical Research</i> , 1999, 104, 5677-5696.	3.3	66
98	Observations of the anomalous oxygen isotopic composition of carbon dioxide in the lower stratosphere and the flux of the anomaly to the troposphere. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	66
99	Evaluating global emission inventories of biogenic bromocarbons. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 11819-11838.	4.9	66
100	Seasonal variations of C ₂ –C ₄ nonmethane hydrocarbons and C ₁ –C ₄ alkyl nitrates at the Summit research station in Greenland. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	64
101	Emission and transport of bromocarbons: from the West Pacific ocean into the stratosphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 10633-10648.	4.9	64
102	Methyl bromide, other brominated methanes, and methyl iodide in polar firn air. <i>Journal of Geophysical Research</i> , 2001, 106, 1595-1606.	3.3	63
103	Large-scale latitudinal and vertical distributions of NMHCs and selected halocarbons in the troposphere over the Pacific Ocean during the March-April 1999 Pacific Exploratory Mission (PEM-Tropics B). <i>Journal of Geophysical Research</i> , 2001, 106, 32627-32644.	3.3	63
104	Budgets for nocturnal VOC oxidation by nitrate radicals aloft during the 2006 Texas Air Quality Study. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	63
105	The contribution of natural and anthropogenic very short-lived species to stratospheric bromine. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 371-380.	4.9	63
106	Historical perspective on the environmental bioavailability of DDT and its derivatives to Gulf of Mexico oysters. <i>Environmental Science & Technology</i> , 1990, 24, 1541-1548.	10.0	62
107	Alkyl nitrate and selected halocarbon measurements at Mauna Loa Observatory, Hawaii. <i>Journal of Geophysical Research</i> , 1992, 97, 10331-10348.	3.3	62
108	An examination of chemistry and transport processes in the tropical lower stratosphere using observations of long-lived and short-lived compounds obtained during STRAT and POLARIS. <i>Journal of Geophysical Research</i> , 1999, 104, 26625-26642.	3.3	62

#	ARTICLE	IF	CITATIONS
109	Tunable diode laser measurements of formaldehyde during the TOPSE 2000 study: Distributions, trends, and model comparisons. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	62
110	Temporal Changes in U.S. Benzene Emissions Inferred from Atmospheric Measurements. <i>Environmental Science & Technology</i> , 2005, 39, 1403-1408.	10.0	61
111	Establishing Lagrangian connections between observations within air masses crossing the Atlantic during the International Consortium for Atmospheric Research on Transport and Transformation experiment. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	60
112	Direct oceanic emissions unlikely to account for the missing source of atmospheric carbonyl sulfide. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 385-402.	4.9	60
113	Ozone, aerosol, potential vorticity, and trace gas trends observed at high-latitudes over North America from February to May 2000. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	59
114	Characterization of volatile organic compounds (VOCs) in Asian and north American pollution plumes during INTEX-B: identification of specific Chinese air mass tracers. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5371-5388.	4.9	59
115	Short-lived brominated hydrocarbons observations in the source regions and the tropical tropopause layer. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1213-1228.	4.9	59
116	Global emissions of refrigerants HCFC-22 and HFC-134a: Unforeseen seasonal contributions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17379-17384.	7.1	59
117	Emissions of organic carbon and methane from petroleum and dairy operations in California's San Joaquin Valley. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4955-4978.	4.9	59
118	Convective transport of very short lived bromocarbons to the stratosphere. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 5781-5792.	4.9	59
119	Steady state free radical budgets and ozone photochemistry during TOPSE. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	57
120	Airborne Measurements of Ethene from Industrial Sources Using Laser Photo-Acoustic Spectroscopy. <i>Environmental Science & Technology</i> , 2009, 43, 2437-2442.	10.0	57
121	Budget of tropospheric ozone during TOPSE from two chemical transport models. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	56
122	Phosphate association with Na ⁺ , Ca ²⁺ and Mg ²⁺ in seawater. <i>Marine Chemistry</i> , 1976, 4, 243-254.	2.3	55
123	Photochemistry in the arctic free troposphere: NO _x budget and the role of odd nitrogen reservoir recycling. <i>Atmospheric Environment</i> , 2003, 37, 3351-3364.	4.1	55
124	Bromoform and dibromomethane above the Mauritanian upwelling: Atmospheric distributions and oceanic emissions. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	55
125	Reactive nitrogen in Asian continental outflow over the western Pacific: Results from the NASA Transport and Chemical Evolution over the Pacific (TRACE-P) airborne mission. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	54
126	Carbonyl sulfide and carbon disulfide: Large-scale distributions over the western Pacific and emissions from Asia during TRACE-P. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	54

#	ARTICLE	IF	CITATIONS
127	Investigating the sources and atmospheric processing of fine particles from Asia and the Northwestern United States measured during INTEX B. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 1835-1853.	4.9	54
128	Photochemical aging of volatile organic compounds in the Los Angeles basin: Weekdayâ€weekend effect. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5018-5028.	3.3	54
129	An improved, automated whole air sampler and gas chromatography mass spectrometry analysis system for volatile organic compounds in the atmosphere. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 291-313.	3.1	54
130	Analysis of alkyl nitrates and selected halocarbons in the ambient atmosphere using a charcoal preconcentration technique. <i>Environmental Science & Technology</i> , 1991, 25, 61-67.	10.0	53
131	Reactive nitrogen budget during the NASA SONEX Mission. <i>Geophysical Research Letters</i> , 1999, 26, 3057-3060.	4.0	53
132	Photochemical production and evolution of selected C2â€C5alkyl nitrates in tropospheric air influenced by Asian outflow. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	53
133	Widespread persistent near-surface ozone depletion at northern high latitudes in spring. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	53
134	No evidence for acid-catalyzed secondary organic aerosol formation in power plant plumes over metropolitan Atlanta, Georgia. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	53
135	Transport pathways and signatures of mixing in the extratropical tropopause region derived from Lagrangian model simulations. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	52
136	Biogenic VOC oxidation and organic aerosol formation in an urban nocturnal boundary layer: aircraft vertical profiles in Houston, TX. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 11317-11337.	4.9	51
137	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. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9163-9187.	4.9	51
138	The seasonal evolution of NMHCs and light alkyl nitrates at middle to high northern latitudes during TOPSE. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	50
139	Airborne observations of methane emissions from rice cultivation in the Sacramento Valley of California. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	50
140	The Convective Transport of Active Species in the Tropics (CONTRAST) Experiment. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 106-128.	3.3	50
141	Origin of anthropogenic hydrocarbons and halocarbons measured in the summertime european outflow (on Crete in 2001). <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 1223-1235.	4.9	49
142	Long-term atmospheric measurements of C1â€C5 alkyl nitrates in the Pearl River Delta region of southeast China. <i>Atmospheric Environment</i> , 2006, 40, 1619-1632.	4.1	49
143	Long-lived halocarbon trends and budgets from atmospheric chemistry modelling constrained with measurements in polar firn. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3911-3934.	4.9	49
144	Sources of particulate matter in the northeastern United States in summer: 2. Evolution of chemical and microphysical properties. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	48

#	ARTICLE	IF	CITATIONS
145	Lagrangian analysis of low altitude anthropogenic plume processing across the North Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 7737-7754.	4.9	48
146	Airborne measurements of organic bromine compounds in the Pacific tropical tropopause layer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13789-13793.	7.1	47
147	Large-scale ozone and aerosol distributions, air mass characteristics, and ozone fluxes over the western Pacific Ocean in late winter/early spring. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	46
148	The CO ₂ tracer clock for the Tropical Tropopause Layer. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 3989-4000.	4.9	46
149	Halocarbon Emissions from the United States and Mexico and Their Global Warming Potential. <i>Environmental Science & Technology</i> , 2009, 43, 1055-1060.	10.0	46
150	An aircraft-based upper troposphere lower stratosphere O ₃ , CO, and H ₂ O climatology for the Northern Hemisphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	46
151	Can simple models predict large-scale surface ocean isoprene concentrations?. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11807-11821.	4.9	45
152	A long-term record of carbonyl sulfide (COS) in two hemispheres from firn air measurements. <i>Geophysical Research Letters</i> , 2001, 28, 4095-4098.	4.0	44
153	Characterization of NO _x , SO ₂ , ethene, and propene from industrial emission sources in Houston, Texas. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	44
154	Measurements of PAN, alkyl nitrates, ozone, and hydrocarbons during spring in interior Alaska. <i>Journal of Geophysical Research</i> , 1996, 101, 12613-12619.	3.3	42
155	Tropospheric reactive odd nitrogen over the South Pacific in austral springtime. <i>Journal of Geophysical Research</i> , 2000, 105, 6681-6694.	3.3	42
156	The contribution of oceanic methyl iodide to stratospheric iodine. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 11869-11886.	4.9	42
157	Growth in stratospheric chlorine from short-lived chemicals not controlled by the Montreal Protocol. <i>Geophysical Research Letters</i> , 2015, 42, 4573-4580.	4.0	42
158	Carbon and hydrogen isotopic compositions of stratospheric methane: 1. High-precision observations from the NASA ER-2 aircraft. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	41
159	Emissions and photochemistry of oxygenated VOCs in urban plumes in the Northeastern United States. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7081-7096.	4.9	41
160	Dynamical and chemical characteristics of tropospheric intrusions observed during START08. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	40
161	Phthalate ester plasticizers: a new class of marine pollutant. <i>Science</i> , 1978, 199, 419-21.	12.6	39
162	A biomass burning source of C1-C4alkyl nitrates. <i>Geophysical Research Letters</i> , 2002, 29, 21-1-21-4.	4.0	38

#	ARTICLE	IF	CITATIONS
163	Ultratrace determination of vapor-phase nitrogen heterocyclic bases in ambient air. <i>Analytical Chemistry</i> , 1982, 54, 1515-1518.	6.5	37
164	Widespread occurrence of polyhalogenated aromatic ethers in the marine atmosphere. <i>Atmospheric Environment</i> , 1986, 20, 1217-1220.	1.0	37
165	In situ measurements of BrO During AASE II. <i>Geophysical Research Letters</i> , 1995, 22, 831-834.	4.0	37
166	Large and unexpected enrichment in stratospheric ^{16}O ^{13}C ^{18}O and its meridional variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11496-11501.	7.1	37
167	Results from the International Halocarbons in Air Comparison Experiment (IHALACE). <i>Atmospheric Measurement Techniques</i> , 2014, 7, 469-490.	3.1	37
168	Observations of methyl nitrate in the lower stratosphere during STRAT: Implications for its gas phase production mechanisms. <i>Geophysical Research Letters</i> , 1998, 25, 1891-1894.	4.0	36
169	Photochemistry and budget of ozone during the Mauna Loa Observatory Photochemistry Experiment (MLOPEX 2). <i>Journal of Geophysical Research</i> , 1999, 104, 30275-30307.	3.3	36
170	Relationship between photochemical ozone production and NO_x oxidation in Houston, Texas. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	36
171	Stratospheric Injection of Brominated Very Short-Lived Substances: Aircraft Observations in the Western Pacific and Representation in Global Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5690-5719.	3.3	36
172	Recent Trends in Stratospheric Chlorine From Very Short-Lived Substances. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2318-2335.	3.3	34
173	Alkyl nitrates in outflow from North America over the North Atlantic during Intercontinental Transport of Ozone and Precursors 2004. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	33
174	Unexpected variations in the triple oxygen isotope composition of stratospheric carbon dioxide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17680-17685.	7.1	33
175	A pervasive role for biomass burning in tropical high ozone/low water structures. <i>Nature Communications</i> , 2016, 7, 10267.	12.8	33
176	BrO and inferred Br profiles over the western Pacific: relevance of inorganic bromine sources and a minimum in the aged tropical tropopause layer. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 15245-15270.	4.9	33
177	Methyl, Ethyl, and Propyl Nitrates: Global Distribution and Impacts on Reactive Nitrogen in Remote Marine Environments. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,429.	3.3	33
178	A COMPARISON AT SEA OF MANUAL AND AUTOANALYZER ANALYSES OF PHOSPHATE, NITRATE, AND SILICATE1. <i>Limnology and Oceanography</i> , 1972, 17, 931-937.	3.1	32
179	Measurements of N_2O isotopologues in the stratosphere: Influence of transport on the apparent enrichment factors and the isotopologue fluxes to the troposphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	32
180	A study of organic nitrates formation in an urban plume using a Master Chemical Mechanism. <i>Atmospheric Environment</i> , 2008, 42, 5771-5786.	4.1	32

#	ARTICLE	IF	CITATIONS
181	Transport of short-lived species into the Tropical Tropopause Layer. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 6309-6322.	4.9	32
182	Continued emissions of carbon tetrachloride from the United States nearly two decades after its phaseout for dispersive uses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2880-2885.	7.1	32
183	On the sources and sinks of atmospheric VOCs: an integrated analysis of recent aircraft campaigns over North America. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 9097-9123.	4.9	32
184	The budget and partitioning of stratospheric chlorine during the 1997 Arctic summer. <i>Journal of Geophysical Research</i> , 1999, 104, 26653-26665.	3.3	31
185	Observations of APAN during TexAQS 2000. <i>Geophysical Research Letters</i> , 2001, 28, 4195-4198.	4.0	31
186	Statistical inference of OH concentrations and air mass dilution rates from successive observations of nonmethane hydrocarbons in single air masses. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	31
187	Dimethylsulphide (DMS) emissions from the western Pacific Ocean: a potential marine source for stratospheric sulphur?. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8427-8437.	4.9	31
188	Drivers of diel and regional variations of halocarbon emissions from the tropical North East Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1255-1275.	4.9	31
189	On the age of stratospheric air and inorganic chlorine and bromine release. <i>Journal of Geophysical Research</i> , 1996, 101, 16757-16770.	3.3	30
190	Measurements of NO _x and PAN and estimates of O ₃ production over the seasons during Mauna Loa Observatory Photochemistry Experiment 2. <i>Journal of Geophysical Research</i> , 1998, 103, 8323-8339.	3.3	30
191	The hydrogen isotopic composition of water vapor entering the stratosphere inferred from high-precision measurements of ¹³ C-CH ₄ and ² H ₂ . <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	30
192	Multiscale simulations of tropospheric chemistry in the eastern Pacific and on the U.S. West Coast during spring 2002. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	30
193	Carbon and hydrogen isotopic compositions of stratospheric methane: 2. Two-dimensional model results and implications for kinetic isotope effects. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	29
194	Steady-state aerosol distributions in the extra-tropical, lower stratosphere and the processes that maintain them. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 6617-6626.	4.9	29
195	The contribution of oceanic halocarbons to marine and free tropospheric air over the tropical West Pacific. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7569-7585.	4.9	29
196	Delivery of halogenated very short-lived substances from the west Indian Ocean to the stratosphere during the Asian summer monsoon. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6723-6741.	4.9	29
197	Fossil-fueled power plants as a source of atmospheric carbon monoxide. <i>Journal of Environmental Monitoring</i> , 2003, 5, 35-39.	2.1	28
198	Iodine containing species in the remote marine boundary layer: A link to oceanic phytoplankton. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	28

#	ARTICLE	IF	CITATIONS
199	Modelling marine emissions and atmospheric distributions of halocarbons and dimethyl sulfide: the influence of prescribed water concentration vs. prescribed emissions. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11753-11772.	4.9	28
200	The O ₂ /N ₂ Ratio and CO ₂ Airborne Southern Ocean Study. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 381-402.	3.3	28
201	Inverse modelling of carbonyl sulfide: implementation, evaluation and implications for the global budget. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3507-3529.	4.9	28
202	Tracer-based determination of vortex descent in the 1999/2000 Arctic winter. <i>Journal of Geophysical Research</i> , 2002, 107, SOL 22-1.	3.3	27
203	Alkenes in the Arctic boundary layer at Alert, Nunavut, Canada. <i>Atmospheric Environment</i> , 2002, 36, 2585-2594.	4.1	27
204	A comparison of very short lived halocarbon (VSLS) and DMS aircraft measurements in the tropical west Pacific from CAST, ATTREX and CONTRAST. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 5213-5225.	3.1	27
205	Defining the polar vortex edge from an N ₂ O:potential temperature correlation. <i>Journal of Geophysical Research</i> , 2002, 107, SOL 10-1.	3.3	26
206	Assessing the effect of marine isoprene and ship emissions on ozone, using modelling and measurements from the South Atlantic Ocean. <i>Environmental Chemistry</i> , 2010, 7, 171.	1.5	26
207	Evidence from firn air for recent decreases in non-methane hydrocarbons and a 20th century increase in nitrogen oxides in the northern hemisphere. <i>Atmospheric Environment</i> , 2012, 54, 592-602.	4.1	26
208	National status and trends mussel watch program: Chlordane-related compounds in Gulf of Mexico oysters, 1986-1990. <i>Environmental Pollution</i> , 1993, 82, 23-32.	7.5	25
209	Controls on atmospheric chloriodomethane (CH ₂ ClI) in marine environments. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	25
210	Impact of the marine atmospheric boundary layer conditions on VSLS abundances in the eastern tropical and subtropical North Atlantic Ocean. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6345-6357.	4.9	25
211	Probing the subtropical lowermost stratosphere and the tropical upper troposphere and tropopause layer for inorganic bromine. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1161-1186.	4.9	25
212	Aircraft measurements of gravity waves in the upper troposphere and lower stratosphere during the START08 field experiment. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 7667-7684.	4.9	24
213	Marine carbonyl sulfide (OCS) and carbon disulfide (CS ₂): a compilation of measurements in seawater and the marine boundary layer. <i>Earth System Science Data</i> , 2020, 12, 591-609.	9.9	24
214	Chemical and Biological Characterization of Emissions from a Fireperson Training Facility. <i>AIHA Journal</i> , 1985, 46, 532-540.	0.4	23
215	Organic compounds of environmental concern in the Gulf of Mexico: a review. <i>Aquatic Toxicology</i> , 1988, 11, 191-212.	4.0	23
216	Hydration, dehydration, and the total hydrogen budget of the 1999/2000 winter Arctic stratosphere. <i>Journal of Geophysical Research</i> , 2002, 107, SOL 63-1-SOL 63-12.	3.3	23

#	ARTICLE	IF	CITATIONS
217	Convective transport of reactive constituents to the tropical and mid-latitude tropopause region: I. Observations. <i>Atmospheric Environment</i> , 2004, 38, 1259-1274.	4.1	23
218	Possible evidence for a connection between methyl iodide emissions and Saharan dust. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	23
219	An overview of air-snow exchange at Summit, Greenland: Recent experiments and findings. <i>Atmospheric Environment</i> , 2007, 41, 4995-5006.	4.1	23
220	Comparison between DC-8 and ER-2 species measurements in the tropical middle troposphere: NO, NO _y , O ₃ , CO ₂ , CH ₄ , and N ₂ O. <i>Journal of Geophysical Research</i> , 1998, 103, 22087-22096.	3.3	22
221	Trace gas emissions through a winter snowpack in the subalpine ecosystem at Niwot Ridge, Colorado. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	22
222	Biogenic halocarbons from the Peruvian upwelling region as tropospheric halogen source. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 12219-12237.	4.9	22
223	Ozone depletion and the air-sea exchange of greenhouse and chemically reactive trace gases. <i>Chemosphere</i> , 2000, 2, 137-149.	1.2	20
224	Organic trace gases of oceanic origin observed at South Pole during ISCAT 2000. <i>Atmospheric Environment</i> , 2004, 38, 5463-5472.	4.1	19
225	Vertical transport rates and concentrations of OH and Cl radicals in the Tropical Tropopause Layer from observations of CO ₂ and halocarbons: implications for distributions of long- and short-lived chemical species. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 6669-6684.	4.9	19
226	Chromatographic Separation and Analysis of Chlorinated Hydrocarbons and Phthalic Acid Esters from Ambient Air Samples. <i>International Journal of Environmental Analytical Chemistry</i> , 1985, 19, 145-153.	3.3	18
227	Atmospheric distributions of HCFC 141b. <i>Geophysical Research Letters</i> , 1995, 22, 819-822.	4.0	18
228	Construction of a unified, high-resolution nitrous oxide data set for ER-2 flights during SOLVE. <i>Journal of Geophysical Research</i> , 2002, 107, SOL 13-1.	3.3	18
229	Comparisons of modeled and observed isoprene concentrations in southeast Texas. <i>Atmospheric Environment</i> , 2008, 42, 1922-1940.	4.1	18
230	Bimodal distribution of free tropospheric ozone over the tropical western Pacific revealed by airborne observations. <i>Geophysical Research Letters</i> , 2015, 42, 7844-7851.	4.0	18
231	An observationally constrained evaluation of the oxidative capacity in the tropical western Pacific troposphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7461-7488.	3.3	18
232	A Synthesis Inversion to Constrain Global Emissions of Two Very Short Lived Chlorocarbons: Dichloromethane, and Perchloroethylene. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031818.	3.3	18
233	Buffer intensity of seawater ¹ . <i>Limnology and Oceanography</i> , 1975, 20, 222-229.	3.1	17
234	Loss of phthalic acid esters and polychlorinated biphenyls from seawater samples during storage. <i>Analytical Chemistry</i> , 1981, 53, 1718-1719.	6.5	17

#	ARTICLE	IF	CITATIONS
235	Horizontal variability 1â€“2 km below the tropical tropopause. Journal of Geophysical Research, 2004, 109, .	3.3	17
236	The Long-Range Transport of Organic Compounds. , 1990, , 259-302.		17
237	A radiotracer study of air-water exchange of synthetic organic compounds. Chemosphere, 1983, 12, 1251-1258.	8.2	16
238	Tracing the origin and ages of interlaced atmospheric pollution events over the tropical Atlantic Ocean with in situ measurements, satellites, trajectories, emission inventories, and global models. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	16
239	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
240	Ozone and alkyl nitrate formation from the Deepwater Horizon oil spill atmospheric emissions. Journal of Geophysical Research, 2012, 117, .	3.3	16
241	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.	3.3	16
242	Airborne measurements of BrO and the sum of HOBr and Br ₂ 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.	3.3	16
243	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.	4.0	16
244	Alkyl nitrate measurements during STERAO 1996 and NARE 1997: Intercomparison and survey of results. Journal of Geophysical Research, 2001, 106, 23043-23053.	3.3	15
245	Mixing events revealed by anomalous tracer relationships in the Arctic vortex during winter 1999/2000. Journal of Geophysical Research, 2002, 107, ACL 22-1.	3.3	15
246	Are methyl halides produced on all ice surfaces? Observations from snow-laden field sites. Atmospheric Environment, 2007, 41, 5162-5177.	4.1	15
247	Isotopic ordering in atmospheric O ₂ as a tracer of ozone photochemistry and the tropical atmosphere. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,541.	3.3	15
248	Photochemistry in the Arctic Free Troposphere: Ozone Budget and Its Dependence on Nitrogen Oxides and the Production Rate of Free Radicals. Journal of Atmospheric Chemistry, 2004, 47, 107-138.	3.2	14
249	Chemical Equilibrium in Seawater. ACS Symposium Series, 1975, , 1-24.	0.5	13
250	Accumulation of phthalate ester plasticizers in lake constance sediments. Die Naturwissenschaften, 1980, 67, 508-510.	1.6	13
251	An ozone depletion event in the sub-arctic surface layer over Hudson Bay, Canada. Journal of Atmospheric Chemistry, 2007, 57, 255-280.	3.2	13
252	Halocarbon emissions and sources in the equatorial Atlantic Cold Tongue. Biogeosciences, 2015, 12, 6369-6387.	3.3	12

#	ARTICLE	IF	CITATIONS
253	Preconcentration of atmospheric organic compounds by heat desorption and solvent microextraction. <i>Analytical Chemistry</i> , 1985, 57, 2417-2419.	6.5	11
254	Carbonyl sulfide as an inverse tracer for biogenic organic carbon in gas and aerosol phases. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	11
255	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. <i>Scientific Reports</i> , 2018, 8, 4669.	3.3	11
256	SO ₂ Observations and Sources in the Western Pacific Tropical Tropopause Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 13,549.	3.3	11
257	Observations of ozone-poor air in the tropical tropopause layer. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5157-5171.	4.9	11
258	Sea-Air Exchange of High-Molecular Weight Synthetic Organic Compounds. , 1986, , 295-329.		11
259	A comparison of aircraft and ground-based measurements at Mauna Loa Observatory, Hawaii, during GTE PEM-West and MLOPEX 2. <i>Journal of Geophysical Research</i> , 1996, 101, 14599-14612.	3.3	10
260	Emission estimates of HCFCs and HFCs in California from the 2010 CalNex study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2019-2030.	3.3	10
261	Quantifying the vertical transport of CH ₃ Br and CH ₂ Br ₂ over the western Pacific. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13135-13153.	4.9	10
262	Variability and past long-term changes of brominated very short-lived substances at the tropical tropopause. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7103-7123.	4.9	10
263	NO _y partitioning from measurements of nitrogen and hydrogen radicals in the upper troposphere. <i>Geophysical Research Letters</i> , 1999, 26, 51-54.	4.0	9
264	How marine emissions of bromoform impact the remote atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11089-11103.	4.9	9
265	Natural and anthropogenic sources of bromoform and dibromomethane in the oceanographic and biogeochemical regime of the subtropical North East Atlantic. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 679-707.	3.5	9
266	Measurements and modeling of contemporary radiocarbon in the stratosphere. <i>Geophysical Research Letters</i> , 2016, 43, 1399-1406.	4.0	8
267	Use of Airborne In Situ VOC Measurements to Estimate Transit Time Spectrum: An Observation-Based Diagnostic of Convective Transport. <i>Geophysical Research Letters</i> , 2018, 45, 13,150.	4.0	8
268	Simulating the Weekly Cycle of NO _x + VOC + HO _x + O ₃ Photochemical System in the South Coast of California During CalNex 2010 Campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 3532-3555.	3.3	8
269	Natural and Anthropogenic Organic Compounds in the Global Atmosphere. , 1993, , 313-381.		8
270	Effect of local and regional sources on the isotopic composition of nitrous oxide in the tropical free troposphere and tropopause layer. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	7

#	ARTICLE	IF	CITATIONS
271	Meteorological constraints on oceanic halocarbons above the Peruvian upwelling. Atmospheric Chemistry and Physics, 2016, 16, 12205-12217.	4.9	7
272	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.	4.9	7
273	Evidence of convective transport in tropical West Pacific region during SHIVA experiment. Atmospheric Science Letters, 2018, 19, e798.	1.9	7
274	Introduction to special issue on natural halocarbons in the atmosphere. Journal of Atmospheric Chemistry, 2017, 74, 141-143.	3.2	6
275	Effects of Ozone Isotopologue Formation on the Clumped $\delta^{18}O$ Isotope Composition of Atmospheric O_2 . Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD034770.	3.3	6
276	Hydrogen ion exchange on amorphous silica in seawater. Marine Chemistry, 1975, 3, 43-54.	2.3	5
277	Observation of possible elemental sulfur in the marine atmosphere and speculation on its origin. Atmospheric Environment Part A General Topics, 1991, 25, 2701-2705.	1.3	5
278	Model sensitivity studies of the decrease in atmospheric carbon tetrachloride. Atmospheric Chemistry and Physics, 2016, 16, 15741-15754.	4.9	5
279	Halogenation processes linked to red wood ant nests (Formica spp.) and tectonics. Journal of Atmospheric Chemistry, 2017, 74, 261-281.	3.2	5
280	Wintertime Transport of Reactive Trace Gases From East Asia Into the Deep Tropics. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,877.	3.3	5
281	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.	4.9	5
282	Transport of short-lived halocarbons to the stratosphere over the Pacific Ocean. Atmospheric Chemistry and Physics, 2020, 20, 1163-1181.	4.9	5
283	Airborne observations of vegetation and implications for biogenic emission characterization. Journal of Environmental Monitoring, 2003, 5, 977.	2.1	4
284	Thermolytic degradation of methylmethionine and implications for its role in DMS and MeCl formation in hypersaline environments. Environmental Chemistry, 2015, 12, 415.	1.5	4
285	Arctic Air Pollution: A Case Study of Continent-To-Ocean-To-Continent Transport. , 1990, , 105-135.		4
286	Age spectra and other transport diagnostics in the North American monsoon UTLS from SEACRS in situ trace gas measurements. Atmospheric Chemistry and Physics, 2022, 22, 6539-6558.	4.9	4
287	Correction to "An aircraft-based upper troposphere lower stratosphere O ₃ , CO, and H ₂ O climatology for the Northern Hemisphere". Journal of Geophysical Research, 2010, 115, .	3.3	3
288	Hydrocarbon Tracers Suggest Methane Emissions from Fossil Sources Occur Predominately Before Gas Processing and That Petroleum Plays Are a Significant Source. Environmental Science & Technology, 0, , .	10.0	3

#	ARTICLE	IF	CITATIONS
289	Reply to "Comment on "Long-term atmospheric measurements of C1-C5 alkyl nitrates in the Pearl River Delta region of southeast China". Atmospheric Environment, 2007, 41, 7371-7372.	4.1	2
290	Corrigendum to "Dimethylsulphide (DMS) emissions from the West Pacific Ocean: a potential marine source for stratospheric sulphur" published in Atmos. Chem. Phys., 13, 8427-8437, 2013. Atmospheric Chemistry and Physics, 2013, 13, 8813-8814.	4.9	2
291	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.	4.9	2
292	Natural Formation of Chloro- and Bromoacetone in Salt Lakes of Western Australia. Atmosphere, 2019, 10, 663.	2.3	2
293	Deriving Tropospheric Transit Time Distributions Using Airborne Trace Gas Measurements: Uncertainty and Information Content. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034358.	3.3	2
294	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
295	Dimethylated sulfur compounds in the Peruvian upwelling system. Biogeosciences, 2022, 19, 701-714.	3.3	2
296	Natural and Anthropogenic Organic Compounds in the Global Atmosphere. , 1994, , 313-381.		1
297	Sampling Organic Compounds for Marine Pollution Studies. , 1986, , 209-230.		1
298	Strategies and Approaches to Marine Pollution Research. , 1986, , 33-41.		1
299	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.	4.9	1
300	Long-range transport of Asian emissions to the West Pacific tropical tropopause layer. Journal of Atmospheric Chemistry, 0, , 1.	3.2	1
301	Phthalates and Related Plasticizers. , 1985, , 341-351.		0