

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9023136/e-l-atlas-publications-by-year.pdf>  
**Version:** 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

327 papers	18,267 citations	74 h-index	120 g-index
380 ext. papers	19,791 ext. citations	7.8 avg, IF	5.69 L-index

#	Paper	IF	Citations
327	Dimethylated sulfur compounds in the Peruvian upwelling system. <i>Biogeosciences</i> , <b>2022</b> , 19, 701-714	4.6	
326	Age spectra and other transport diagnostics in the North American monsoon UTLS from SEAC&lt;sup&gt;4&lt;/sup&gt;RS in situ trace gas measurements. <i>Atmospheric Chemistry and Physics</i> , <b>2022</b> , 22, 6539-6558	6.8	0
325	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. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 16955-16984	6.8	
324	Inverse modelling of carbonyl sulfide: implementation, evaluation and implications for the global budget. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 3507-3529	6.8	13
323	Effects of Ozone Isotopologue Formation on the Clumped-Isotope Composition of Atmospheric O <sub>2</sub> . <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2021JD034770	4.4	1
322	Deriving Tropospheric Transit Time Distributions Using Airborne Trace Gas Measurements: Uncertainty and Information Content. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2020JD034358	4.4	3
321	Transport of short-lived halocarbons to the stratosphere over the Pacific Ocean. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 1163-1181	6.8	3
320	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> , <b>2020</b> , 22, 679-707	4.3	5
319	Marine carbonyl sulfide (OCS) and carbon disulfide (CS <sub>2</sub> ): a compilation of measurements in seawater and the marine boundary layer. <i>Earth System Science Data</i> , <b>2020</b> , 12, 591-609	10.5	13
318	Variability and past long-term changes of brominated very short-lived substances at the tropical tropopause. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 7103-7123	6.8	6
317	A Synthesis Inversion to Constrain Global Emissions of Two Very Short Lived Chlorocarbons: Dichloromethane, and Perchloroethylene. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2019JD031818	4.4	5
316	On the sources and sinks of atmospheric VOCs: an integrated analysis of recent aircraft campaigns over North America. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 9097-9123	6.8	17
315	Recent Trends in Stratospheric Chlorine From Very Short-Lived Substances. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 2318-2335	4.4	22
314	How marine emissions of bromoform impact the remote atmosphere. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 11089-11103	6.8	4
313	Simulating the Weekly Cycle of NO <sub>x</sub> -VOC-HO <sub>x</sub> -O <sub>3</sub> Photochemical System in the South Coast of California During CalNex-2010 Campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 3532-3555	4.4	1
312	Novel approaches to improve estimates of short-lived halocarbon emissions during summer from the Southern Ocean using airborne observations. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 14071-14090	6.8	3
311	Natural Formation of Chloro- and Bromoacetone in Salt Lakes of Western Australia. <i>Atmosphere</i> , <b>2019</b> , 10, 663	2.7	

310	The Influence of Air-Sea Fluxes on Atmospheric Aerosols During the Summer Monsoon Over the Tropical Indian Ocean. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 418-426	4.9	11
309	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. <i>Scientific Reports</i> , <b>2018</b> , 8, 4669	4.9	7
308	The O <sub>2</sub> /N <sub>2</sub> Ratio and CO <sub>2</sub> Airborne Southern Ocean Study. <i>Bulletin of the American Meteorological Society</i> , <b>2018</b> , 99, 381-402	6.1	21
307	Observations of ozone-poor air in the tropical tropopause layer. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 5157-5171	6.8	7
306	Evidence of convective transport in tropical West Pacific region during SHIVA experiment. <i>Atmospheric Science Letters</i> , <b>2018</b> , 19, e798	2.4	5
305	Surface fluxes of bromoform and dibromomethane over the tropical western Pacific inferred from airborne in situ measurements. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 14787-14798	6.8	1
304	Wintertime Transport of Reactive Trace Gases From East Asia Into the Deep Tropics. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 12,877	4.4	4
303	SO <sub>2</sub> Observations and Sources in the Western Pacific Tropical Tropopause Region. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 13,549	4.4	10
302	Use of Airborne In Situ VOC Measurements to Estimate Transit Time Spectrum: An Observation-Based Diagnostic of Convective Transport. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 13,150	4.9	6
301	Methyl, Ethyl, and Propyl Nitrates: Global Distribution and Impacts on Reactive Nitrogen in Remote Marine Environments. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 12,429	4.4	16
300	Quantifying the vertical transport of CHBr <sub>3</sub> and CH <sub>2</sub> Br <sub>2</sub> over the western Pacific. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 13135-13153	6.8	8
299	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> , <b>2018</b> , 123, 5690-5719	4.4	30
298	THE NASA AIRBORNE TROPICAL TROPOPAUSE EXPERIMENT: High-Altitude Aircraft Measurements in the Tropical Western Pacific. <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, 129-143	6.1	59
297	The Convective Transport of Active Species in the Tropics (CONTRAST) Experiment. <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, 106-128	6.1	40
296	Delivery of halogenated very short-lived substances from the West Indian Ocean to the stratosphere during Asian summer monsoon <b>2017</b> ,		2
295	Introduction to special issue on natural halocarbons in the atmosphere. <i>Journal of Atmospheric Chemistry</i> , <b>2017</b> , 74, 141-143	3.2	5
294	Halogenation processes linked to red wood ant nests ( <i>Formica</i> spp.) and tectonics. <i>Journal of Atmospheric Chemistry</i> , <b>2017</b> , 74, 261-281	3.2	1
293	Probing the subtropical lowermost stratosphere and the tropical upper troposphere and tropopause layer for inorganic bromine. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 1161-1186	6.8	21

292	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 2103-2162	6.8	206
291	Modeling the inorganic bromine partitioning in the tropical tropopause layer over the eastern and western Pacific Ocean. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 9917-9930	6.8	6
290	BrO and inferred Br<sub>y</sub> profiles over the western Pacific: relevance of inorganic bromine sources and a Br<sub>y</sub> minimum in the aged tropical tropopause layer. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 15245-15270	6.8	22
289	Direct oceanic emissions unlikely to account for the missing source of atmospheric carbonyl sulfide. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 385-402	6.8	36
288	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> , <b>2017</b> , 17, 6723-6741	6.8	23
287	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> , <b>2017</b> , 10, 291-313	4	36
286	Probing the subtropical lowermost stratosphere, tropical upper troposphere, and tropopause layer for inorganic bromine <b>2016</b> ,		1
285	Isotopic ordering in atmospheric O <sub>2</sub> as a tracer of ozone photochemistry and the tropical atmosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 12,541	4.4	9
284	Airborne measurements of BrO and the sum of HOBr and Br <sub>2</sub> over the Tropical West Pacific from 1 to 15 km during the CONvective TRansport of Active Species in the Tropics (CONTRAST) experiment. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 12,560-12,578	4.4	15
283	Meteorological constraints on oceanic halocarbons above the Peruvian upwelling. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 12205-12217	6.8	5
282	The contribution of oceanic halocarbons to marine and free tropospheric air over the tropical West Pacific. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 7569-7585	6.8	24
281	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> , <b>2016</b> , 16, 9163-9187	6.8	39
280	Can simple models predict large-scale surface ocean isoprene concentrations?. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 11807-11821	6.8	29
279	Biogenic halocarbons from the Peruvian upwelling region as tropospheric halogen source. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 12219-12237	6.8	16
278	Model sensitivity studies of the decrease in atmospheric carbon tetrachloride. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 15741-15754	6.8	5
277	Measurements and modeling of contemporary radiocarbon in the stratosphere. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 1399-1406	4.9	6
276	A pervasive role for biomass burning in tropical high ozone/low water structures. <i>Nature Communications</i> , <b>2016</b> , 7, 10267	17.4	27
275	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> , <b>2016</b> , 113, 2880-5	11.5	22

274	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms and organic aerosol <b>2016</b> ,		3
273	Biogenic halocarbons from the Peruvian upwelling region as tropospheric halogen source <b>2016</b> ,		1
272	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> , <b>2016</b> , 9, 5213-5225	4.4	18
271	An observationally constrained evaluation of the oxidative capacity in the tropical western Pacific troposphere. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 7461-7488	4.4	17
270	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> , <b>2015</b> , 112, 13789-93	11.5	41
269	Thermolytic degradation of methyldimethylamine and implications for its role in DMS and MeCl formation in hypersaline environments. <i>Environmental Chemistry</i> , <b>2015</b> , 12, 415	3.2	3
268	Growth in stratospheric chlorine from short-lived chemicals not controlled by the Montreal Protocol. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 4573-4580	4.9	33
267	Bimodal distribution of free tropospheric ozone over the tropical western Pacific revealed by airborne observations. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 7844-7851	4.9	17
266	Aircraft measurements of gravity waves in the upper troposphere and lower stratosphere during the START08 field experiment. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 7667-7684	6.8	16
265	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> , <b>2015</b> , 15, 11753-11772	6.8	22
264	Halocarbon emissions and sources in the equatorial Atlantic Cold Tongue. <i>Biogeosciences</i> , <b>2015</b> , 12, 6369-6387	4.3	9
263	Observational evidence for interhemispheric hydroxyl-radical parity. <i>Nature</i> , <b>2014</b> , 513, 219-23	50.4	100
262	Drivers of diel and regional variations of halocarbon emissions from the tropical North East Atlantic. <i>Atmospheric Chemistry and Physics</i> , <b>2014</b> , 14, 1255-1275	6.8	27
261	Chlorine as a primary radical: evaluation of methods to understand its role in initiation of oxidative cycles. <i>Atmospheric Chemistry and Physics</i> , <b>2014</b> , 14, 3427-3440	6.8	73
260	Emissions of organic carbon and methane from petroleum and dairy operations in California's San Joaquin Valley. <i>Atmospheric Chemistry and Physics</i> , <b>2014</b> , 14, 4955-4978	6.8	47
259	Convective transport of very short lived bromocarbons to the stratosphere. <i>Atmospheric Chemistry and Physics</i> , <b>2014</b> , 14, 5781-5792	6.8	50
258	Changes in nitrogen oxides emissions in California during 2005-2010 indicated from top-down and bottom-up emission estimates. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2014</b> , 119, 12,928-12,952	4.4	14
257	Results from the International Halocarbons in Air Comparison Experiment (IHALACE). <i>Atmospheric Measurement Techniques</i> , <b>2014</b> , 7, 469-490	4	32

256	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> , <b>2014</b> , 111, 17379-84	11.5	42
255	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> , <b>2013</b> , 110, 17680-5	11.5	26
254	Results from the International Halocarbons in Air Comparison Experiment (IHALACE) <b>2013</b> ,		4
253	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> , <b>2013</b> , 13, 6345-6357	6.8	23
252	Dimethylsulphide (DMS) emissions from the western Pacific Ocean: a potential marine source for stratospheric sulphur?. <i>Atmospheric Chemistry and Physics</i> , <b>2013</b> , 13, 8427-8437	6.8	21
251	Global sea-to-air flux climatology for bromoform, dibromomethane and methyl iodide. <i>Atmospheric Chemistry and Physics</i> , <b>2013</b> , 13, 8915-8934	6.8	103
250	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> , <b>2013</b> , 13, 11317-11337	6.8	44
249	Evaluating global emission inventories of biogenic bromocarbons. <i>Atmospheric Chemistry and Physics</i> , <b>2013</b> , 13, 11819-11838	6.8	56
248	The contribution of oceanic methyl iodide to stratospheric iodine. <i>Atmospheric Chemistry and Physics</i> , <b>2013</b> , 13, 11869-11886	6.8	31
247	Quantifying sources of methane using light alkanes in the Los Angeles basin, California. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 4974-4990	4.4	146
246	Emission estimates of HCFCs and HFCs in California from the 2010 CalNex study. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 2019-2030	4.4	9
245	Photochemical aging of volatile organic compounds in the Los Angeles basin: Weekday-weekend effect. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 5018-5028	4.4	39
244	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> , <b>2012</b> , 54, 592-602	5.3	24
243	Air quality implications of the Deepwater Horizon oil spill. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 20280-5	11.5	59
242	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> , <b>2012</b> , 117, n/a-n/a		84
241	Ozone and alkyl nitrate formation from the Deepwater Horizon oil spill atmospheric emissions. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		13
240	Multiyear trends in volatile organic compounds in Los Angeles, California: Five decades of decreasing emissions. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		158
239	Airborne observations of methane emissions from rice cultivation in the Sacramento Valley of California. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		48



238	On the sources of methane to the Los Angeles atmosphere. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 9282-9	10.3	104
237	Chemical data quantify Deepwater Horizon hydrocarbon flow rate and environmental distribution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 20246-53	11.5	224
236	Emission and transport of bromocarbons: from the West Pacific ocean into the stratosphere. <i>Atmospheric Chemistry and Physics</i> , <b>2012</b> , 12, 10633-10648	6.8	54
235	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> , <b>2012</b> , 12, 1423-1447	6.8	150
234	Estimating the climate significance of halogen-driven ozone loss in the tropical marine troposphere. <i>Atmospheric Chemistry and Physics</i> , <b>2012</b> , 12, 3939-3949	6.8	138
233	Short-lived brominated hydrocarbons [o]bservations in the source regions and the tropical tropopause layer. <i>Atmospheric Chemistry and Physics</i> , <b>2012</b> , 12, 1213-1228	6.8	52
232	Transport of short-lived species into the Tropical Tropopause Layer. <i>Atmospheric Chemistry and Physics</i> , <b>2012</b> , 12, 6309-6322	6.8	28
231	The contribution of natural and anthropogenic very short-lived species to stratospheric bromine. <i>Atmospheric Chemistry and Physics</i> , <b>2012</b> , 12, 371-380	6.8	55
230	Transport pathways and signatures of mixing in the extratropical tropopause region derived from Lagrangian model simulations. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		47
229	Dynamical and chemical characteristics of tropospheric intrusions observed during START08. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		34
228	Atmospheric emissions from the Deepwater Horizon spill constrain air-water partitioning, hydrocarbon fate, and leak rate. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	91
227	Iodine containing species in the remote marine boundary layer: A link to oceanic phytoplankton. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	24
226	Budgets for nocturnal VOC oxidation by nitrate radicals aloft during the 2006 Texas Air Quality Study. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116, n/a-n/a		50
225	Organic aerosol formation downwind from the Deepwater Horizon oil spill. <i>Science</i> , <b>2011</b> , 331, 1295-9	33.3	138
224	Trace gas and particle emissions from open biomass burning in Mexico. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 6787-6808	6.8	102
223	Evaluations of NO <sub>x</sub> and highly reactive VOC emission inventories in Texas and their implications for ozone plume simulations during the Texas Air Quality Study 2006. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 11361-11386	6.8	70
222	Emissions and photochemistry of oxygenated VOCs in urban plumes in the Northeastern United States. <i>Atmospheric Chemistry and Physics</i> , <b>2011</b> , 11, 7081-7096	6.8	32
221	The glyoxal budget and its contribution to organic aerosol for Los Angeles, California, during CalNex 2010. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		89

220	Biogenic emission measurement and inventories determination of biogenic emissions in the eastern United States and Texas and comparison with biogenic emission inventories. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		83
219	An aircraft-based upper troposphere lower stratosphere O <sub>3</sub> , CO, and H <sub>2</sub> O climatology for the Northern Hemisphere. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		38
218	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> , <b>2010</b> , 115,		6
217	Characterization of NO <sub>x</sub> , SO <sub>2</sub> , ethene, and propene from industrial emission sources in Houston, Texas. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		39
216	A new interpretation of total column BrO during Arctic spring. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4.9	102
215	Correction to "An aircraft-based upper troposphere lower stratosphere O <sub>3</sub> , CO, and H <sub>2</sub> O climatology for the Northern Hemisphere" <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		2
214	The Stratosphere-Troposphere Analyses of Regional Transport 2008 Experiment. <i>Bulletin of the American Meteorological Society</i> , <b>2010</b> , 91, 327-342	6.1	81
213	Assessing the effect of marine isoprene and ship emissions on ozone, using modelling and measurements from the South Atlantic Ocean. <i>Environmental Chemistry</i> , <b>2010</b> , 7, 171	3.2	23
212	Vertical transport rates and concentrations of OH and Cl radicals in the Tropical Tropopause Layer from observations of CO <sub>2</sub> and halocarbons: implications for distributions of long- and short-lived chemical species. <i>Atmospheric Chemistry and Physics</i> , <b>2010</b> , 10, 6669-6684	6.8	18
211	Finding the missing stratospheric Br <sub>y</sub> : a global modeling study of CHBr <sub>3</sub> and CH <sub>2</sub> Br <sub>2</sub> . <i>Atmospheric Chemistry and Physics</i> , <b>2010</b> , 10, 2269-2286	6.8	117
210	Bromoform and dibromomethane in the tropics: a 3-D model study of chemistry and transport. <i>Atmospheric Chemistry and Physics</i> , <b>2010</b> , 10, 719-735	6.8	100
209	Large and unexpected enrichment in stratospheric <sup>16</sup> O <sup>13</sup> C <sup>18</sup> O and its meridional variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 11496-501	11.5	28
208	Age of stratospheric air unchanged within uncertainties over the past 30 years. <i>Nature Geoscience</i> , <b>2009</b> , 2, 28-31	18.3	222
207	Halocarbon emissions from the United States and Mexico and their global warming potential. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 1055-60	10.3	41
206	Organic aerosol formation in urban and industrial plumes near Houston and Dallas, Texas. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		196
205	Reactive uptake coefficients for N <sub>2</sub> O <sub>5</sub> determined from aircraft measurements during the Second Texas Air Quality Study: Comparison to current model parameterizations. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		104
204	Relationship between photochemical ozone production and NO <sub>x</sub> oxidation in Houston, Texas. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		29
203	Carbonyl sulfide as an inverse tracer for biogenic organic carbon in gas and aerosol phases. <i>Geophysical Research Letters</i> , <b>2009</b> , 36,	4.9	11



202	Airborne measurements of ethene from industrial sources using laser photo-acoustic spectroscopy. <i>Environmental Science &amp; Technology</i> , <b>2009</b> , 43, 2437-42	10.3	50
201	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> , <b>2009</b> , 9, 5371-5388	6.8	51
200	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> , <b>2009</b> , 9, 3027-3042	6.8	114
199	Long-lived halocarbon trends and budgets from atmospheric chemistry modelling constrained with measurements in polar firn. <i>Atmospheric Chemistry and Physics</i> , <b>2009</b> , 9, 3911-3934	6.8	39
198	Emissions from biomass burning in the Yucatan. <i>Atmospheric Chemistry and Physics</i> , <b>2009</b> , 9, 5785-5812	6.8	358
197	Modeling the transport of very short-lived substances into the tropical upper troposphere and lower stratosphere. <i>Atmospheric Chemistry and Physics</i> , <b>2009</b> , 9, 9237-9247	6.8	105
196	Comparisons of modeled and observed isoprene concentrations in southeast Texas. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 1922-1940	5.3	14
195	A study of organic nitrates formation in an urban plume using a Master Chemical Mechanism. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 5771-5786	5.3	23
194	Controls on atmospheric chloroiodomethane (CH <sub>2</sub> ClI) in marine environments. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		20
193	Sources of particulate matter in the northeastern United States in summer: 2. Evolution of chemical and microphysical properties. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		41
192	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> , <b>2008</b> , 113,		158
191	Total observed organic carbon (TOOC) in the atmosphere: a synthesis of North American observations. <i>Atmospheric Chemistry and Physics</i> , <b>2008</b> , 8, 2007-2025	6.8	81
190	Lagrangian analysis of low altitude anthropogenic plume processing across the North Atlantic. <i>Atmospheric Chemistry and Physics</i> , <b>2008</b> , 8, 7737-7754	6.8	40
189	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> , <b>2008</b> , 8, 1835-1853	6.8	48
188	Steady-state aerosol distributions in the extra-tropical, lower stratosphere and the processes that maintain them. <i>Atmospheric Chemistry and Physics</i> , <b>2008</b> , 8, 6617-6626	6.8	27
187	Possible evidence for a connection between methyl iodide emissions and Saharan dust. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		21
186	No evidence for acid-catalyzed secondary organic aerosol formation in power plant plumes over metropolitan Atlanta, Georgia. <i>Geophysical Research Letters</i> , <b>2007</b> , 34,	4.9	52
185	Influence of lateral and top boundary conditions on regional air quality prediction: A multiscale study coupling regional and global chemical transport models. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		68

184	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> , <b>2007</b> , 112,	26
183	Effects of mixing on evolution of hydrocarbon ratios in the troposphere. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,	117
182	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> , <b>2007</b> , 112,	27
181	Bromoform and dibromomethane above the Mauritanian upwelling: Atmospheric distributions and oceanic emissions. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,	49
180	Determination of urban volatile organic compound emission ratios and comparison with an emissions database. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,	218
179	A study of secondary organic aerosol formation in the anthropogenic-influenced southeastern United States. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,	446
178	Validation of the Aura Microwave Limb Sounder middle atmosphere water vapor and nitrous oxide measurements. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,	214
177	Are methyl halides produced on all ice surfaces? Observations from snow-laden field sites. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 5162-5177	5:3 13
176	An overview of air-snow exchange at Summit, Greenland: Recent experiments and findings. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 4995-5006	5:3 18
175	Reply to Comment on Long-term atmospheric measurements of C <sub>1</sub> –C <sub>5</sub> alkyl nitrates in the Pearl River Delta region of southeast China. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 7371-7372	5:3
174	An ozone depletion event in the sub-arctic surface layer over Hudson Bay, Canada. <i>Journal of Atmospheric Chemistry</i> , <b>2007</b> , 57, 255-280	3:2 12
173	The CO <sub>2</sub> tracer clock for the Tropical Tropopause Layer. <i>Atmospheric Chemistry and Physics</i> , <b>2007</b> , 7, 3989-4000	6:8 40
172	Emissions from forest fires near Mexico City. <i>Atmospheric Chemistry and Physics</i> , <b>2007</b> , 7, 5569-5584	6:8 183
171	Long-term atmospheric measurements of C <sub>1</sub> –C <sub>5</sub> alkyl nitrates in the Pearl River Delta region of southeast China. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 1619-1632	5:3 39
170	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2006</b> , 44, 1106-1121	8:1 191
169	Volatile organic compounds composition of merged and aged forest fire plumes from Alaska and western Canada. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111, n/a-n/a	149
168	Biomass burning and anthropogenic sources of CO over New England in the summer 2004. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,	75
167	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> , <b>2006</b> , 111,	163

166	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> , <b>2006</b> , 111,		52
165	Nocturnal odd-oxygen budget and its implications for ozone loss in the lower troposphere. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	66
164	Temporal changes in U.S. benzene emissions inferred from atmospheric measurements. <i>Environmental Science &amp; Technology</i> , <b>2005</b> , 39, 1403-8	10.3	57
163	Trace gas emissions through a winter snowpack in the subalpine ecosystem at Niwot Ridge, Colorado. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	20
162	An investigation of the chemistry of ship emission plumes during ITCT 2002. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		79
161	Improved albedo formulation for chemistry transport models based on satellite observations and assimilated snow data and its impact on tropospheric photochemistry. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		12
160	Convective transport of reactive constituents to the tropical and mid-latitude tropopause region: I. Observations. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 1259-1274	5.3	22
159	Organic trace gases of oceanic origin observed at South Pole during ISCAT 2000. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 5463-5472	5.3	16
158	Photochemistry in the Arctic Free Troposphere: Ozone Budget and Its Dependence on Nitrogen Oxides and the Production Rate of Free Radicals. <i>Journal of Atmospheric Chemistry</i> , <b>2004</b> , 47, 107-138	3.2	13
157	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> , <b>2004</b> , 31,	4.9	57
156	Measurements of N <sub>2</sub> O 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> , <b>2004</b> , 109,		27
155	Horizontal variability 10 km below the tropical tropopause. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		16
154	The hydrogen isotopic composition of water vapor entering the stratosphere inferred from high-precision measurements of D-CH <sub>4</sub> and D-H <sub>2</sub> . <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		28
153	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> , <b>2004</b> , 109,		76
152	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> , <b>2004</b> , 109,		48
151	Gas-phase chemical characteristics of Asian emission plumes observed during ITCT 2K2 over the eastern North Pacific Ocean. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		71
150	Measurements of organic species in air and seawater from the tropical Atlantic. <i>Geophysical Research Letters</i> , <b>2004</b> , 31,	4.9	101
149	Oceanic bromoform sources for the tropical atmosphere. <i>Geophysical Research Letters</i> , <b>2004</b> , 31,	4.9	93

148	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> , <b>2004</b> , 109,	26
147	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. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109, n/a-n/a	13
146	Changes in the photochemical environment of the temperate North Pacific troposphere in response to increased Asian emissions. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,	74
145	Origin of anthropogenic hydrocarbons and halocarbons measured in the summertime european outflow (on Crete in 2001). <i>Atmospheric Chemistry and Physics</i> , <b>2003</b> , 3, 1223-1235	6.8 39
144	Photochemistry in the arctic free troposphere: NO <sub>x</sub> budget and the role of odd nitrogen reservoir recycling. <i>Atmospheric Environment</i> , <b>2003</b> , 37, 3351-3364	5.3 42
143	Extreme deuterium enrichment in stratospheric hydrogen and the global atmospheric budget of H <sub>2</sub> . <i>Nature</i> , <b>2003</b> , 424, 918-21	50.4 85
142	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> , <b>2003</b> , 108,	52
141	Latitudinal, vertical, and seasonal variations of C <sub>1</sub> -C <sub>4</sub> alkyl nitrates in the troposphere over the Pacific Ocean during PEM-Tropics A and B: Oceanic and continental sources. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	71
140	Seasonal variations of C <sub>2</sub> -C <sub>4</sub> nonmethane hydrocarbons and C <sub>1</sub> -C <sub>4</sub> alkyl nitrates at the Summit research station in Greenland. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	57
139	The seasonal evolution of NMHCs and light alkyl nitrates at middle to high northern latitudes during TOPSE. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	46
138	Ozone depletion events observed in the high latitude surface layer during the TOPSE aircraft program. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, TOP 4-1	67
137	Effect of sulfate aerosol on tropospheric NO <sub>x</sub> and ozone budgets: Model simulations and TOPSE evidence. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	61
136	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> , <b>2003</b> , 108,	66
135	Steady state free radical budgets and ozone photochemistry during TOPSE. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	48
134	Tunable diode laser measurements of formaldehyde during the TOPSE 2000 study: Distributions, trends, and model comparisons. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	53
133	Signatures of terminal alkene oxidation in airborne formaldehyde measurements during TexAQS 2000. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, n/a-n/a	115
132	Budget of tropospheric ozone during TOPSE from two chemical transport models. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	48
131	Coupled evolution of BrO <sub>x</sub> -ClO <sub>x</sub> -HO <sub>x</sub> -NO <sub>x</sub> chemistry during bromine-catalyzed ozone depletion events in the arctic boundary layer. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	72

130	Particle growth in urban and industrial plumes in Texas. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108, n/a-n/a	95
129	Photochemical production and evolution of selected C <sub>2</sub> -C <sub>5</sub> alkyl nitrates in tropospheric air influenced by Asian outflow. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	47
128	Carbon and hydrogen isotopic compositions of stratospheric methane: 1. High-precision observations from the NASA ER-2 aircraft. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	36
127	Effect of petrochemical industrial emissions of reactive alkenes and NO <sub>x</sub> on tropospheric ozone formation in Houston, Texas. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	225
126	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> , <b>2003</b> , 108,	49
125	The Tropospheric Ozone Production about the Spring Equinox (TOPSE) Experiment: Introduction. <i>Journal of Geophysical Research</i> , <b>2003</b> , 108,	68
124	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> , <b>2003</b> , 108,	25
123	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> , <b>2003</b> , 108,	42
122	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> , <b>2003</b> , 108,	154
121	Widespread persistent near-surface ozone depletion at northern high latitudes in spring. <i>Geophysical Research Letters</i> , <b>2003</b> , 30,	4.9 48
120	Airborne observations of vegetation and implications for biogenic emission characterization. <i>Journal of Environmental Monitoring</i> , <b>2003</b> , 5, 977-83	3
119	Fossil-fueled power plants as a source of atmospheric carbon monoxide. <i>Journal of Environmental Monitoring</i> , <b>2003</b> , 5, 35-9	21
118	Alkenes in the Arctic boundary layer at Alert, Nunavut, Canada. <i>Atmospheric Environment</i> , <b>2002</b> , 36, 2585-2594	26
117	Construction of a unified, high-resolution nitrous oxide data set for ER-2 flights during SOLVE. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SOL 13-1	17
116	Defining the polar vortex edge from an N <sub>2</sub> O:potential temperature correlation. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SOL 10-1	26
115	Tracer-based determination of vortex descent in the 1999/2000 Arctic winter. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SOL 22-1	23
114	Hydration, dehydration, and the total hydrogen budget of the 1999/2000 winter Arctic stratosphere. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, SOL 63-1-SOL 63-12	16
113	A biomass burning source of C <sub>1</sub> -C <sub>4</sub> alkyl nitrates. <i>Geophysical Research Letters</i> , <b>2002</b> , 29, 21-1-21-4	4.9 31

112	Mixing events revealed by anomalous tracer relationships in the Arctic vortex during winter 1999/2000. <i>Journal of Geophysical Research</i> , <b>2002</b> , 107, ACL 22-1		13
111	Observations of ozone formation in power plant plumes and implications for ozone control strategies. <i>Science</i> , <b>2001</b> , 292, 719-23	33.3	214
110	The detection of large HNO <sub>3</sub> -containing particles in the winter Arctic stratosphere. <i>Science</i> , <b>2001</b> , 291, 1026-31	33.3	251
109	Volatile organic trace gases emitted from North American wildfires. <i>Global Biogeochemical Cycles</i> , <b>2001</b> , 15, 435-452	5.9	70
108	Alkyl nitrate measurements during STERAO 1996 and NARE 1997: Intercomparison and survey of results. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 23043-23053		15
107	Methyl bromide, other brominated methanes, and methyl iodide in polar firn air. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 1595-1606		56
106	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> , <b>2001</b> , 106, 32627-32644		58
105	Observations of APAN during TexAQS 2000. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 4195-4198	4.9	26
104	A long-term record of carbonyl sulfide (COS) in two hemispheres from firn air measurements. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 4095-4098	4.9	33
103	Ozone depletion and the air-sea exchange of greenhouse and chemically reactive trace gases. <i>Chemosphere</i> , <b>2000</b> , 2, 137-149		17
102	Is the Arctic Surface Layer a Source and Sink of NO <sub>x</sub> in Winter/Spring?. <i>Journal of Atmospheric Chemistry</i> , <b>2000</b> , 36, 1-22	3.2	82
101	Distribution and fate of selected oxygenated organic species in the troposphere and lower stratosphere over the Atlantic. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 3795-3805		225
100	Tropospheric reactive odd nitrogen over the South Pacific in austral springtime. <i>Journal of Geophysical Research</i> , <b>2000</b> , 105, 6681-6694		36
99	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> , <b>1999</b> , 104, 5677-5696		62
98	On the origin of tropospheric ozone and NO <sub>x</sub> over the tropical South Pacific. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 5829-5843		123
97	NO <sub>y</sub> partitioning from measurements of nitrogen and hydrogen radicals in the upper troposphere. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 51-54	4.9	8
96	Rethinking reactive halogen budgets in the midlatitude lower stratosphere. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 1699-1702	4.9	100
95	Reactive nitrogen budget during the NASA SONEX Mission. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 3057-3060	4.9	50



94	Distributions of brominated organic compounds in the troposphere and lower stratosphere. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 21513-21535		167
93	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> , <b>1999</b> , 104, 21819-21828		110
92	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). <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 21803-21817		80
91	The budget and partitioning of stratospheric chlorine during the 1997 Arctic summer. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 26653-26665		25
90	Comparison of MkIV balloon and ER-2 aircraft measurements of atmospheric trace gases. <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 26779-26790		91
89	Photochemistry and budget of ozone during the Mauna Loa Observatory Photochemistry Experiment (MLOPEX 2). <i>Journal of Geophysical Research</i> , <b>1999</b> , 104, 30275-30307		29
88	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> , <b>1999</b> , 104, 26625-26642		56
87	Distribution of halon-1211 in the upper troposphere and lower stratosphere and the 1994 total bromine budget. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 1513-1526		122
86	Measurements of bromine containing organic compounds at the tropical tropopause. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 317-320	4.9	74
85	Observations of methyl nitrate in the lower stratosphere during STRAT: Implications for its gas phase production mechanisms. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 1891-1894	4.9	32
84	Measurements of NO <sub>x</sub> and PAN and estimates of O <sub>3</sub> production over the seasons during Mauna Loa Observatory Photochemistry Experiment 2. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 8323-8339		28
83	Comparison between DC-8 and ER-2 species measurements in the tropical middle troposphere: NO, NO <sub>y</sub> , O <sub>3</sub> , CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 22087-22096		20
82	Hydrogen radicals, nitrogen radicals, and the production of O <sub>3</sub> in the upper troposphere. <i>Science</i> , <b>1998</b> , 279, 49-53	33.3	300
81	Observed OH and HO <sub>2</sub> in the upper troposphere suggest a major source from convective injection of peroxides. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 3181-3184	4.9	143
80	Methyl halide emissions from savanna fires in southern Africa. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 23603-23613		125
79	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> , <b>1996</b> , 101, 14599-14612		9
78	Measurements of PAN, alkyl nitrates, ozone, and hydrocarbons during spring in interior Alaska. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 12613-12619		36
77	On the age of stratospheric air and inorganic chlorine and bromine release. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 16757-16770		29

76	The Mauna Loa Observatory Photochemistry Experiment: Introduction. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 14531-14541		63
75	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> , <b>1995</b> , 100, 3057		94
74	Atmospheric distributions of HCFC 141b. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 819-822	4.9	17
73	In situ measurements of BrO During AASE II. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 831-834	4.9	29
72	Natural and Anthropogenic Organic Compounds in the Global Atmosphere <b>1994</b> , 313-381		1
71	Measurements of halogenated organic compounds near the tropical tropopause. <i>Geophysical Research Letters</i> , <b>1993</b> , 20, 2567-2570	4.9	116
70	Alkyl nitrates, nonmethane hydrocarbons, and halocarbon gases over the equatorial Pacific Ocean during SAGA 3. <i>Journal of Geophysical Research</i> , <b>1993</b> , 98, 16933		146
69	National status and trends mussel watch program: chlordane-related compounds in Gulf of Mexico oysters, 1986-1990. <i>Environmental Pollution</i> , <b>1993</b> , 82, 23-32	9.3	21
68	The partitioning of nitrogen oxides in the lower Arctic troposphere during spring 1988. <i>Journal of Atmospheric Chemistry</i> , <b>1993</b> , 17, 15-27	3.2	73
67	Natural and Anthropogenic Organic Compounds in the Global Atmosphere <b>1993</b> , 313-381		5
66	Alkyl nitrate and selected halocarbon measurements at Mauna Loa Observatory, Hawaii. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 10331		58
65	Partitioning and budget of NO <sub>y</sub> species during the Mauna Loa Observatory Photochemistry Experiment. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 10449		86
64	A study of the photochemistry and ozone budget during the Mauna Loa Observatory Photochemistry Experiment. <i>Journal of Geophysical Research</i> , <b>1992</b> , 97, 10463		121
63	Analysis of alkyl nitrates and selected halocarbons in the ambient atmosphere using a charcoal preconcentration technique. <i>Environmental Science &amp; Technology</i> , <b>1991</b> , 25, 61-67	10.3	50
62	The atmospheric input of trace species to the world ocean. <i>Global Biogeochemical Cycles</i> , <b>1991</b> , 5, 193-259	5.9	1272
61	Observation of possible elemental sulfur in the marine atmosphere and speculation on its origin. <i>Atmospheric Environment Part A General Topics</i> , <b>1991</b> , 25, 2701-2705		5
60	Historical perspective on the environmental bioavailability of DDT and its derivatives to Gulf of Mexico oysters. <i>Environmental Science &amp; Technology</i> , <b>1990</b> , 24, 1541-1548	10.3	59
59	Depletion of lower tropospheric ozone during Arctic spring: The Polar Sunrise Experiment 1988. <i>Journal of Geophysical Research</i> , <b>1990</b> , 95, 18555		188

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> , <b>1990</b> , 29, 161-203	3.3	84
57	The Long-Range Transport of Organic Compounds <b>1990</b> , 259-302		15
56	Arctic Air Pollution: A Case Study of Continent-To-Ocean-To-Continent Transport <b>1990</b> , 105-135		4
55	NOAA gulf of Mexico status and trends program: Trace organic contaminant distribution in sediments and oysters. <i>Estuaries and Coasts</i> , <b>1988</b> , 11, 171		139
54	Evidence for $\text{C}_{13}$ alkyl nitrates in rural and remote atmospheres. <i>Nature</i> , <b>1988</b> , 331, 426-428	50.4	115
53	Organic compounds of environmental concern in the Gulf of Mexico: a review. <i>Aquatic Toxicology</i> , <b>1988</b> , 11, 191-212	5.1	18
52	Ambient concentration and precipitation scavenging of atmospheric organic pollutants. <i>Water, Air, and Soil Pollution</i> , <b>1988</b> , 38, 19-36	2.6	62
51	Widespread occurrence of polyhalogenated aromatic ethers in the marine atmosphere. <i>Atmospheric Environment</i> , <b>1986</b> , 20, 1217-1220		33
50	Sea-Air Exchange of High-Molecular Weight Synthetic Organic Compounds <b>1986</b> , 295-329		9
49	Sampling Organic Compounds for Marine Pollution Studies <b>1986</b> , 209-230		1
48	Strategies and Approaches to Marine Pollution Research <b>1986</b> , 33-41		1
47	Chemical and biological characterization of emissions from a fireperson training facility. <i>AIHA Journal</i> , <b>1985</b> , 46, 532-40		21
46	Chromatographic Separation and Analysis of Chlorinated Hydrocarbons and Phthalic Acid Esters from Ambient Air Samples. <i>International Journal of Environmental Analytical Chemistry</i> , <b>1985</b> , 19, 145-153	1.8	15
45	Preconcentration of atmospheric organic compounds by heat desorption and solvent microextraction. <i>Analytical Chemistry</i> , <b>1985</b> , 57, 2417-2419	7.8	9
44	Phthalates and Related Plasticizers <b>1985</b> , 341-351		
43	Phthalic Acid Esters. <i>Handbook of Environmental Chemistry</i> , <b>1984</b> , 67-142	0.8	50
42	A radiotracer study of air-water exchange of synthetic organic compounds. <i>Chemosphere</i> , <b>1983</b> , 12, 1251-1258	12	12
41	Adsorption of phthalic acid esters from seawater. <i>Environmental Science &amp; Technology</i> , <b>1982</b> , 16, 428-32	10.3	71

40	Ultratrace determination of vapor-phase nitrogen heterocyclic bases in ambient air. <i>Analytical Chemistry</i> , <b>1982</b> , 54, 1515-1518	7.8	34
39	Air-sea exchange of high-molecular weight organic pollutants: laboratory studies. <i>Environmental Science &amp; Technology</i> , <b>1982</b> , 16, 283-6	10.3	64
38	Loss of phthalic acid esters and polychlorinated biphenyls from seawater samples during storage. <i>Analytical Chemistry</i> , <b>1981</b> , 53, 1718-1719	7.8	10
37	Global transport of organic pollutants: ambient concentrations in the remote marine atmosphere. <i>Science</i> , <b>1981</b> , 211, 163-5	33.3	280
36	Accumulation of phthalate ester plasticizers in lake constance sediments. <i>Die Naturwissenschaften</i> , <b>1980</b> , 67, 508-510	2	13
35	Phthalate esters, PCB and DDT residues in the gulf of mexico atmosphere. <i>Atmospheric Environment</i> , <b>1980</b> , 14, 65-69		63
34	Phthalate ester plasticizers: a new class of marine pollutant. <i>Science</i> , <b>1978</b> , 199, 419-421	33.3	175
33	Phthalate Ester Plasticizers: A New Class of Marine Pollutant. <i>Science</i> , <b>1978</b> , 199, 419-421	33.3	183
32	Phthalate ester plasticizers: a new class of marine pollutant. <i>Science</i> , <b>1978</b> , 199, 419-21	33.3	37
31	Solubility behavior of apatites in seawater <sup>1</sup> . <i>Limnology and Oceanography</i> , <b>1977</b> , 22, 290-300	4.8	74
30	Phosphate association with Na <sup>+</sup> , Ca <sup>2+</sup> and Mg <sup>2+</sup> in seawater. <i>Marine Chemistry</i> , <b>1976</b> , 4, 243-254	3.7	49
29	Buffer intensity of seawater <sup>1</sup> . <i>Limnology and Oceanography</i> , <b>1975</b> , 20, 222-229	4.8	15
28	Hydrogen ion exchange on amorphous silica in seawater. <i>Marine Chemistry</i> , <b>1975</b> , 3, 43-54	3.7	3
27	Chemical Equilibrium in Seawater. <i>ACS Symposium Series</i> , <b>1975</b> , 1-24	0.4	8
26	A COMPARISON AT SEA OF MANUAL AND AUTOANALYZER ANALYSES OF PHOSPHATE, NITRATE, AND SILICATE <sup>1</sup> . <i>Limnology and Oceanography</i> , <b>1972</b> , 17, 931-937	4.8	22
25	Evaluations of NO <sub>x</sub> and highly reactive VOC emission inventories in Texas and their implications for ozone plume simulations during the Texas Air Quality Study 2006		1
24	Bromine and iodine chemistry in a global chemistry-climate model: description and evaluation of very short-lived oceanic sources		2
23	Estimating the climate significance of halogen-driven ozone loss in the tropical marine troposphere		5

22	Trace gas and particle emissions from open biomass burning in Mexico	5
21	Impact of the marine atmospheric boundary layer on VSLS abundances in the eastern tropical and subtropical North Atlantic Ocean	2
20	Transport of short-lived species into the Tropical Tropopause Layer	1
19	The contribution of oceanic methyl iodide to stratospheric iodine	5
18	Evaluating global emission inventories of biogenic bromocarbons	7
17	Evaluating evidence for Cl sources and oxidation chemistry in a coastal, urban environment	5
16	Drivers of diel and regional variations of halocarbon emissions from the tropical North East Atlantic	4
15	Modelling the chemistry and transport of bromoform within a sea breeze driven convective system during the SHIVA Campaign	2
14	Emissions of organic carbon and methane from petroleum and dairy operations in California's San Joaquin Valley	3
13	Global sea-to-air flux climatology for bromoform, dibromomethane and methyl iodide	7
12	The contribution of oceanic halocarbons to marine and free troposphere air over the tropical West Pacific	2
11	Meteorological constraints on oceanic halocarbons above the Peruvian Upwelling	2
10	Modeling the transport of very short-lived substances into the tropical upper troposphere and lower stratosphere	2
9	Emissions from biomass burning in the Yucatan	3
8	An Improved, Automated Whole-Air Sampler and Gas Chromatography Mass Spectrometry Analysis System for Volatile Organic Compounds in the Atmosphere	3
7	A comparison of very short-lived halocarbon (VSLS) and DMS aircraft measurements in the Tropical West Pacific from CAST, ATTREX and CONTRAST	2
6	Halocarbon emissions and sources in the equatorial Atlantic Cold Tongue	2
5	Aircraft measurements of gravity waves in the upper troposphere and lower stratosphere during the START08 Field Experiment	1

4	Bromoform and dibromomethane in the tropics: a 3-D model study of chemistry and transport	2
3	Short-lived brominated species observations in the source regions and the tropical tropopause layer	1
2	Dimethylsulphide (DMS) emissions from the West Pacific Ocean: a potential marine source for the stratospheric sulphur layer	1
1	Long-range transport of Asian emissions to the West Pacific tropical tropopause layer. <i>Journal of Atmospheric Chemistry</i> ,1	3.2