

David D Parrish

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

242
papers

21,986
citations

83
h-index

140
g-index

265
ext. papers

23,922
ext. citations

8.6
avg, IF

6.02
L-index

#	Paper	IF	Citations
242	Long-term trend of ozone in southern China reveals future mitigation strategy for air pollution. <i>Atmospheric Environment</i> , 2022 , 269, 118869	5.3	7
241	Changes in anthropogenic precursor emissions drive shifts in the ozone seasonal cycle throughout the northern midlatitude troposphere. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 3507-3524	6.8	0
240	The formation and mitigation of nitrate pollution: comparison between urban and suburban environments. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 4539-4556	6.8	1
239	Long-term changes in northern mid-latitude tropospheric ozone concentrations: Synthesis of two recent analyses. <i>Atmospheric Environment</i> , 2021 , 248, 118227	5.3	3
238	Intercomparison of the representations of the atmospheric chemistry of pre-industrial methane and ozone in earth system and other global chemistry-transport models. <i>Atmospheric Environment</i> , 2021 , 248, 118248	5.3	2
237	Investigations on the anthropogenic reversal of the natural ozone gradient between northern and southern midlatitudes. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 9669-9679	6.8	2
236	Long-term baseline ozone changes in the Western US: A synthesis of analyses. <i>Journal of the Air and Waste Management Association</i> , 2021 , 71, 1397-1406	2.4	0
235	Quantifying the role of PM dropping in variations of ground-level ozone: Inter-comparison between Beijing and Los Angeles. <i>Science of the Total Environment</i> , 2021 , 788, 147712	10.2	14
234	Large contribution of biomass burning emissions to ozone throughout the global remote troposphere.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
233	Zonal Similarity of Long-Term Changes and Seasonal Cycles of Baseline Ozone at Northern Midlatitudes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2019JD031908	4.4	13
232	Global-scale distribution of ozone in the remote troposphere from the ATom and HIPPO airborne field missions. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 10611-10635	6.8	17
231	Exploring the drivers of the increased ozone production in Beijing in summertime during 2005-2016. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 15617-15633	6.8	19
230	Seasonal cycles in baseline mixing ratios of a large number of trace gases at the Mace Head, Ireland atmospheric research station. <i>Atmospheric Environment</i> , 2020 , 233, 117531	5.3	2
229	Hydrocarbon Removal in Power Plant Plumes Shows Nitrogen Oxide Dependence of Hydroxyl Radicals. <i>Geophysical Research Letters</i> , 2019 , 46, 7752-7760	4.9	5
228	Flexible approach for quantifying average long-term changes and seasonal cycles of tropospheric trace species. <i>Atmospheric Measurement Techniques</i> , 2019 , 12, 3383-3394	4	5
227	Estimating background contributions and US anthropogenic enhancements to maximum ozone concentrations in the northern US. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 12587-12605	6.8	2
226	Uncertainties in models of tropospheric ozone based on Monte Carlo analysis: Tropospheric ozone burdens, atmospheric lifetimes and surface distributions. <i>Atmospheric Environment</i> , 2018 , 180, 93-102	5.3	20

225	Tropospheric Ozone Assessment Report: Assessment of global-scale model performance for global and regional ozone distributions, variability, and trends. <i>Elementa</i> , 2018 , 6,	3.6	121
224	Reversal of Long-Term Trend in Baseline Ozone Concentrations at the North American West Coast. <i>Geophysical Research Letters</i> , 2017 , 44, 10,675	4.9	15
223	Ozone Design Values in Southern California's Air Basins: Temporal Evolution and U.S. Background Contribution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 11,166-11,182	4.4	24
222	Transition from high- to low-NO _x control of night-time oxidation in the southeastern US. <i>Nature Geoscience</i> , 2017 , 10, 490-495	18.3	39
221	Tropospheric Ozone Assessment Report: Database and Metrics Data of Global Surface Ozone Observations. <i>Elementa</i> , 2017 , 5, 58	3.6	112
220	HONO emission and production determined from airborne measurements over the Southeast U.S.. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 9237-9250	4.4	34
219	Air quality improvement in Los Angeles—perspectives for developing cities. <i>Frontiers of Environmental Science and Engineering</i> , 2016 , 10, 1	5.8	32
218	Instrumentation and Measurement Strategy for the NOAA SENEX Aircraft Campaign as Part of the Southeast Atmosphere Study 2013. <i>Atmospheric Measurement Techniques</i> , 2016 , 9, 3063-3093	4	50
217	Seasonal cycles of O ₃ in the marine boundary layer: Observation and model simulation comparisons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 538-557	4.4	26
216	Nighttime chemistry at a high altitude site above Hong Kong. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 2457-2475	4.4	61
215	Analysis of long-term observations of NO _x and CO in megacities and application to constraining emissions inventories. <i>Geophysical Research Letters</i> , 2016 , 43, 9920-9930	4.9	55
214	Interhemispheric differences in seasonal cycles of tropospheric ozone in the marine boundary layer: Observation-model comparisons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 11,075-11,085	4.4	15
213	Atmosphere. Challenges of a lowered U.S. ozone standard. <i>Science</i> , 2015 , 348, 1096-7	33.3	71
212	Quantifying atmospheric methane emissions from the Haynesville, Fayetteville, and northeastern Marcellus shale gas production regions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 2119-2139	4.4	132
211	Urbanization and Air Pollution: Then and Now. <i>Eos</i> , 2015 ,	1.5	8
210	High winter ozone pollution from carbonyl photolysis in an oil and gas basin. <i>Nature</i> , 2014 , 514, 351-4	50.4	181
209	Long-term changes in lower tropospheric baseline ozone concentrations: Comparing chemistry-climate models and observations at northern midlatitudes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 5719-5736	4.4	124
208	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	6.8	73

207	Reduced emissions of CO ₂ , NO _x , and SO ₂ from U.S. power plants owing to switch from coal to natural gas with combined cycle technology. <i>Earth's Future</i> , 2014 , 2, 75-82	7.9	162
206	Global distribution and trends of tropospheric ozone: An observation-based review. <i>Elementa</i> , 2014 , 2,	3.6	292
205	The 2010 California Research at the Nexus of Air Quality and Climate Change (CalNex) field study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5830-5866	4.4	178
204	Lower tropospheric ozone at northern midlatitudes: Changing seasonal cycle. <i>Geophysical Research Letters</i> , 2013 , 40, 1631-1636	4.9	83
203	Scaling relationship for NO ₂ pollution and urban population size: a satellite perspective. <i>Environmental Science & Technology</i> , 2013 , 47, 7855-61	10.3	129
202	Magnitude, decadal changes, and impact of regional background ozone transported into the greater Houston, Texas, area. <i>Environmental Science & Technology</i> , 2013 , 47, 13985-92	10.3	28
201	Emission ratios of anthropogenic volatile organic compounds in northern mid-latitude megacities: Observations versus emission inventories in Los Angeles and Paris. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 2041-2057	4.4	165
200	Ozone photochemistry in an oil and natural gas extraction region during winter: simulations of a snow-free season in the Uintah Basin, Utah. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 8955-8971	6.8	84
199	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	6.8	44
198	Trends in ozone, its precursors, and related secondary oxidation products in Los Angeles, California: A synthesis of measurements from 1960 to 2010. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5893-5911	4.4	94
197	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	4.4	146
196	Photochemical aging of volatile organic compounds in the Los Angeles basin: Weekday-weekend effect. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 5018-5028	4.4	39
195	Air quality implications of the Deepwater Horizon oil spill. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 20280-5	11.5	59
194	Gasoline emissions dominate over diesel in formation of secondary organic aerosol mass. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	163
193	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, n/a-n/a		84
192	Observations of ozone transport from the free troposphere to the Los Angeles basin. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		33
191	Effects of NO _x control and plume mixing on nighttime chemical processing of plumes from coal-fired power plants. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		19
190	Ozone and alkyl nitrate formation from the Deepwater Horizon oil spill atmospheric emissions. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		13

189	Ammonia sources in the California South Coast Air Basin and their impact on ammonium nitrate formation. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	97
188	Multiyear trends in volatile organic compounds in Los Angeles, California: Five decades of decreasing emissions. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		158
187	Airborne observations of methane emissions from rice cultivation in the Sacramento Valley of California. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		48
186	Volatile organic compounds (VOCs) in urban air: How chemistry affects the interpretation of positive matrix factorization (PMF) analysis. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		145
185	Increasing atmospheric burden of ethanol in the United States. <i>Geophysical Research Letters</i> , 2012 , 39,	4.9	36
184	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> , 2012 , 109, 20246-53	11.5	224
183	Long-term changes in lower tropospheric baseline ozone concentrations at northern mid-latitudes. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 11485-11504	6.8	193
182	Primary and secondary sources of formaldehyde in urban atmospheres: Houston Texas region. <i>Atmospheric Chemistry and Physics</i> , 2012 , 12, 3273-3288	6.8	107
181	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	4.9	91
180	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		50
179	Measurement of western U.S. baseline ozone from the surface to the tropopause and assessment of downwind impact regions. <i>Journal of Geophysical Research</i> , 2011 , 116,		63
178	Organic aerosol formation downwind from the Deepwater Horizon oil spill. <i>Science</i> , 2011 , 331, 1295-9	33.3	138
177	Characterizing summertime chemical boundary conditions for airmasses entering the US West Coast. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 1769-1790	6.8	69
176	Dependence of daily peak O ₃ concentrations near Houston, Texas on environmental factors: Wind speed, temperature, and boundary-layer depth. <i>Atmospheric Environment</i> , 2011 , 45, 162-173	5.3	51
175	Air quality progress in North American megacities: A review. <i>Atmospheric Environment</i> , 2011 , 45, 7015-7025	9.5	168
174	City lights and urban air. <i>Nature Geoscience</i> , 2011 , 4, 730-731	18.3	24
173	Establishing policy relevant background (PRB) ozone concentrations in the United States. <i>Environmental Science & Technology</i> , 2011 , 45, 9484-97	10.3	57
172	Comparison between the TOPAZ Airborne Ozone Lidar and In Situ Measurements during TexAQS 2006. <i>Journal of Atmospheric and Oceanic Technology</i> , 2011 , 28, 1243-1257	2	16

171	Increasing springtime ozone mixing ratios in the free troposphere over western North America. <i>Nature</i> , 2010 , 463, 344-8	50.4	340
170	A top-down analysis of emissions from selected Texas power plants during TexAQS 2000 and 2006. <i>Journal of Geophysical Research</i> , 2010 , 115,		51
169	Characterization of NO _x , SO ₂ , ethene, and propene from industrial emission sources in Houston, Texas. <i>Journal of Geophysical Research</i> , 2010 , 115,		39
168	Impacts of transported background ozone on California air quality during the ARCTAS-CARB period: A multi-scale modeling study. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 6947-6968	6.8	60
167	Impact of transported background ozone inflow on summertime air quality in a California ozone exceedance area. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 10093-10109	6.8	63
166	Methane emissions inventory verification in southern California. <i>Atmospheric Environment</i> , 2010 , 44, 1-7	5.3	94
165	Climate change. Clean air for megacities. <i>Science</i> , 2009 , 326, 674-5	33.3	175
164	Comparison of air pollutant emissions among mega-cities. <i>Atmospheric Environment</i> , 2009 , 43, 6435-6444	5.3	98
163	Atmospheric composition change: Global and regional air quality. <i>Atmospheric Environment</i> , 2009 , 43, 5268-5350	5.3	592
162	Overview of the Second Texas Air Quality Study (TexAQS II) and the Gulf of Mexico Atmospheric Composition and Climate Study (GoMACCS). <i>Journal of Geophysical Research</i> , 2009 , 114,		138
161	Contributions of regional transport and local sources to ozone exceedances in Houston and Dallas: Comparison of results from a photochemical grid model to aircraft and surface measurements. <i>Journal of Geophysical Research</i> , 2009 , 114,		28
160	Relationship between photochemical ozone production and NO _x oxidation in Houston, Texas. <i>Journal of Geophysical Research</i> , 2009 , 114,		29
159	Carbonyl sulfide as an inverse tracer for biogenic organic carbon in gas and aerosol phases. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	11
158	Airborne measurements of ethene from industrial sources using laser photo-acoustic spectroscopy. <i>Environmental Science & Technology</i> , 2009 , 43, 2437-42	10.3	50
157	Increasing ozone in marine boundary layer inflow at the west coasts of North America and Europe. <i>Atmospheric Chemistry and Physics</i> , 2009 , 9, 1303-1323	6.8	128
156	Nonmethane hydrocarbons at Pico Mountain, Azores: 1. Oxidation chemistry in the North Atlantic region. <i>Journal of Geophysical Research</i> , 2008 , 113,		37
155	Nonmethane hydrocarbons at Pico Mountain, Azores: 2. Event-specific analyses of the impacts of mixing and photochemistry on hydrocarbon ratios. <i>Journal of Geophysical Research</i> , 2008 , 113,		16
154	Lagrangian analysis of low altitude anthropogenic plume processing across the North Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2008 , 8, 7737-7754	6.8	40

153	Atmospheric in situ measurement of nitrate radical (NO ₃) and other photolysis rates using spectroradiometry and filter radiometry. <i>Journal of Geophysical Research</i> , 2007 , 112,		32
152	Effects of mixing on evolution of hydrocarbon ratios in the troposphere. <i>Journal of Geophysical Research</i> , 2007 , 112,		117
151	Determination of urban volatile organic compound emission ratios and comparison with an emissions database. <i>Journal of Geophysical Research</i> , 2007 , 112,		218
150	Critical evaluation of US on-road vehicle emission inventories. <i>Atmospheric Environment</i> , 2006 , 40, 2288-2300	3.9	199
149	Air emission inventories in North America: a critical assessment. <i>Journal of the Air and Waste Management Association</i> , 2006 , 56, 1115-29	2.4	30
148	North American Regional Reanalysis. <i>Bulletin of the American Meteorological Society</i> , 2006 , 87, 343-360	6.1	2503
147	Effects of changing power plant NO _x emissions on ozone in the eastern United States: Proof of concept. <i>Journal of Geophysical Research</i> , 2006 , 111,		192
146	Reactive nitrogen transport and photochemistry in urban plumes over the North Atlantic Ocean. <i>Journal of Geophysical Research</i> , 2006 , 111,		70
145	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,		52
144	International Consortium for Atmospheric Research on Transport and Transformation (ICARTT): North America to Europe Overview of the 2004 summer field study. <i>Journal of Geophysical Research</i> , 2006 , 111,		195
143	A Multiwinter Analysis of Channeled Flow through a Prominent Gap along the Northern California Coast during CALJET and PACJET. <i>Monthly Weather Review</i> , 2006 , 134, 1815-1841	2.4	25
142	Temporal changes in U.S. benzene emissions inferred from atmospheric measurements. <i>Environmental Science & Technology</i> , 2005 , 39, 1403-8	10.3	57
141	A springtime comparison of tropospheric ozone and transport pathways on the east and west coasts of the United States. <i>Journal of Geophysical Research</i> , 2005 , 110,		34
140	An investigation of the chemistry of ship emission plumes during ITCT 2002. <i>Journal of Geophysical Research</i> , 2005 , 110,		79
139	Direct transport of midlatitude stratospheric ozone into the lower troposphere and marine boundary layer of the tropical Pacific Ocean. <i>Journal of Geophysical Research</i> , 2005 , 110,		75
138	Turbulence and Gravity Waves within an Upper-Level Front. <i>Journals of the Atmospheric Sciences</i> , 2005 , 62, 3885-3908	2.1	73
137	Aircraft observations of daytime NO ₃ and N ₂ O ₅ and their implications for tropospheric chemistry. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005 , 176, 270-278	4.7	59
136	Lagrangian transport model forecasts and a transport climatology for the Intercontinental Transport and Chemical Transformation 2002 (ITCT 2K2) measurement campaign. <i>Journal of Geophysical Research</i> , 2004 , 109,		53

135	A case study of transpacific warm conveyor belt transport: Influence of merging airstreams on trace gas import to North America. <i>Journal of Geophysical Research</i> , 2004 , 109,	148
134	Photostationary state deviation—Estimated peroxy radicals and their implications for HO _x and ozone photochemistry at a remote northern Atlantic coastal site. <i>Journal of Geophysical Research</i> , 2004 , 109,	14
133	On the life cycle of a stratospheric intrusion and its dispersion into polluted warm conveyor belts. <i>Journal of Geophysical Research</i> , 2004 , 109,	69
132	A case study of stratosphere-troposphere exchange during the 1996 North Atlantic Regional Experiment. <i>Journal of Geophysical Research</i> , 2004 , 109,	5
131	Export of NO _y from the North American boundary layer: Reconciling aircraft observations and global model budgets. <i>Journal of Geophysical Research</i> , 2004 , 109,	67
130	Distributions of ozone in the region of the subtropical jet: An analysis of in situ aircraft measurements. <i>Journal of Geophysical Research</i> , 2004 , 109,	15
129	Particle characteristics following cloud-modified transport from Asia to North America. <i>Journal of Geophysical Research</i> , 2004 , 109,	80
128	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,	76
127	Fraction and composition of NO _y transported in air masses lofted from the North American continental boundary layer. <i>Journal of Geophysical Research</i> , 2004 , 109,	35
126	Gas-phase chemical characteristics of Asian emission plumes observed during ITCT 2K2 over the eastern North Pacific Ocean. <i>Journal of Geophysical Research</i> , 2004 , 109,	71
125	Evaluation of GOME satellite measurements of tropospheric NO ₂ and HCHO using regional data from aircraft campaigns in the southeastern United States. <i>Journal of Geophysical Research</i> , 2004 , 109,	89
124	Measurement of peroxy-carboxylic nitric anhydrides (PANs) during the ITCT 2K2 aircraft intensive experiment. <i>Journal of Geophysical Research</i> , 2004 , 109,	54
123	Ozone production in transpacific Asian pollution plumes and implications for ozone air quality in California. <i>Journal of Geophysical Research</i> , 2004 , 109,	170
122	Changes in the photochemical environment of the temperate North Pacific troposphere in response to increased Asian emissions. <i>Journal of Geophysical Research</i> , 2004 , 109,	74
121	Intercontinental Transport and Chemical Transformation 2002 (ITCT 2K2) and Pacific Exploration of Asian Continental Emission (PEACE) experiments: An overview of the 2002 winter and spring intensives. <i>Journal of Geophysical Research</i> , 2004 , 109,	84
120	Nitric acid loss rates measured in power plant plumes. <i>Journal of Geophysical Research</i> , 2004 , 109,	20
119	Forecasting for a Lagrangian aircraft campaign. <i>Atmospheric Chemistry and Physics</i> , 2004 , 4, 1113-1124	6.8 19
118	Determination of emissions from observations of atmospheric compounds. <i>Advances in Global Change Research</i> , 2004 , 427-476	1.2

117	Signatures of terminal alkene oxidation in airborne formaldehyde measurements during TexAQS 2000. <i>Journal of Geophysical Research</i> , 2003 , 108, n/a-n/a		115
116	Particle growth in urban and industrial plumes in Texas. <i>Journal of Geophysical Research</i> , 2003 , 108, n/a-n/a		95
115	Emission sources and ocean uptake of acetonitrile (CH ₃ CN) in the atmosphere. <i>Journal of Geophysical Research</i> , 2003 , 108,		153
114	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,		225
113	Increasing background ozone during spring on the west coast of North America. <i>Geophysical Research Letters</i> , 2003 , 30,	4-9	141
112	Variability in ammonium nitrate formation and nitric acid depletion with altitude and location over California. <i>Journal of Geophysical Research</i> , 2003 , 108,		72
111	Fossil-fueled power plants as a source of atmospheric carbon monoxide. <i>Journal of Environmental Monitoring</i> , 2003 , 5, 35-9		21
110	Export of NO _y from the North American boundary layer during 1996 and 1997 North Atlantic Regional Experiments. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 11-1-ACH 11-13		47
109	Ozone production from Canadian wildfires during June and July of 1995. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 7-1		138
108	Decadal change in carbon monoxide to nitrogen oxide ratio in U.S. vehicular emissions. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 5-1		83
107	Trace gas composition of midlatitude cyclones over the western North Atlantic Ocean: A conceptual model. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 1-1		55
106	Trace gas composition of midlatitude cyclones over the western North Atlantic Ocean: A seasonal comparison of O ₃ and CO. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 2-1		42
105	Particle growth in the plumes of coal-fired power plants. <i>Journal of Geophysical Research</i> , 2002 , 107, AAC 9-1		72
104	Transatlantic transport of pollution and its effects on surface ozone in Europe and North America. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 4-1		220
103	Fast-response airborne in situ measurements of HNO ₃ during the Texas 2000 Air Quality Study. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 8-1		89
102	Stratospheric versus pollution influences on ozone at Bermuda: Reconciling past analyses. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 1-1		49
101	Electrical discharge source for tropospheric ozone-rich transients. <i>Journal of Geophysical Research</i> , 2002 , 107, ACH 16-1		26
100	Observations of ozone formation in power plant plumes and implications for ozone control strategies. <i>Science</i> , 2001 , 292, 719-23	33-3	214

99	Airborne vacuum ultraviolet resonance fluorescence instrument for in situ measurement of CO. <i>Journal of Geophysical Research</i> , 2001 , 106, 24237-24244		12
98	Alkyl nitrate measurements during STERAO 1996 and NARE 1997: Intercomparison and survey of results. <i>Journal of Geophysical Research</i> , 2001 , 106, 23043-23053		15
97	Trace gas signatures of the airstreams within North Atlantic cyclones: Case studies from the North Atlantic Regional Experiment (NARE 07) aircraft intensive. <i>Journal of Geophysical Research</i> , 2001 , 106, 5437-5456		103
96	Isoprene and its oxidation products, methacrolein and methylvinyl ketone, at an urban forested site during the 1999 Southern Oxidants Study. <i>Journal of Geophysical Research</i> , 2001 , 106, 8035-8046		81
95	Methods for gas-phase measurements of ozone, ozone precursors and aerosol precursors. <i>Atmospheric Environment</i> , 2000 , 34, 1921-1957	5-3	108
94	Review of observation-based analysis of the regional factors influencing ozone concentrations. <i>Atmospheric Environment</i> , 2000 , 34, 2045-2061	5-3	116
93	Numerical simulations of the July 10 Stratospheric-Tropospheric Experiment: Radiation, Aerosols, and Ozone/Deep Convection Experiment convective system: Kinematics and transport. <i>Journal of Geophysical Research</i> , 2000 , 105, 19973-19990		48
92	Airborne intercomparison of vacuum ultraviolet fluorescence and tunable diode laser absorption measurements of tropospheric carbon monoxide. <i>Journal of Geophysical Research</i> , 2000 , 105, 24251-24261		132
91	Mixing of anthropogenic pollution with stratospheric ozone: A case study from the North Atlantic wintertime troposphere. <i>Journal of Geophysical Research</i> , 2000 , 105, 24363-24374		48
90	Airborne measurements of isoprene, CO, and anthropogenic hydrocarbons and their implications. <i>Journal of Geophysical Research</i> , 2000 , 105, 9091-9105		61
89	An overview of the Stratospheric-Tropospheric Experiment: Radiation, Aerosols, and Ozone (STERAO)-Deep Convection experiment with results for the July 10, 1996 storm. <i>Journal of Geophysical Research</i> , 2000 , 105, 10023-10045		81
88	Do emissions from ships have a significant impact on concentrations of nitrogen oxides in the marine boundary layer?. <i>Geophysical Research Letters</i> , 2000 , 27, 2229-2232	4-9	61
87	New Directions: Does pollution increase or decrease tropospheric ozone in Winter/Spring?. <i>Atmospheric Environment</i> , 1999 , 33, 5147-5149	5-3	13
86	Design and initial characterization of an inlet for gas-phase NO _y measurements from aircraft. <i>Journal of Geophysical Research</i> , 1999 , 104, 5483-5492		95
85	Trace gas mixing ratio variability versus lifetime in the troposphere and stratosphere: Observations. <i>Journal of Geophysical Research</i> , 1999 , 104, 16091-16113		71
84	The Nonmethane Hydrocarbon Intercomparison Experiment (NOMHICE): Task 3. <i>Journal of Geophysical Research</i> , 1999 , 104, 26069-26086		54
83	An internally consistent set of globally distributed atmospheric carbon monoxide mixing ratios developed using results from an intercomparison of measurements. <i>Journal of Geophysical Research</i> , 1998 , 103, 19285-19293		67
82	Spatial and temporal variability of nonmethane hydrocarbon mixing ratios and their relation to photochemical lifetime. <i>Journal of Geophysical Research</i> , 1998 , 103, 13557-13567		72

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