Paul B Krummel

List of Publications by Year
in descending order

160 papers	13,212 citations	41258 49 h-index	27345 106 g-index

250 all docs	250 docs citations	250 times ranked	11639 citing authors

#	Article	IF	Citations
1	Differences between trends in atmospheric CO₂ and the reported trends in anthropogenic CO₂ emissions. Tellus, Series B: Chemical and Physical Meteorology, 2022, 62, 316.	0.8	22
2	Synoptic variations in atmospheric CO₂ at Cape Grim: a model intercomparison. Tellus, Series B: Chemical and Physical Meteorology, 2022, 62, 810.	0.8	13
3	Australian Fire Emissions of Carbon Monoxide Estimated by Global Biomass Burning Inventories: Variability and Observational Constraints. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	6
4	Forward and Inverse Modelling of Atmospheric Nitrous Oxide Using MIROC4-Atmospheric Chemistry-Transport Model. Journal of the Meteorological Society of Japan, 2022, 100, 361-386.	0.7	8
5	Global emissions of perfluorocyclobutane (PFC-318,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 597 Td (<i>c< resulting from the use of hydrochlorofluorocarbon-22 (HCFC-22) feedstock to produce polytetrafluoroethylene (PTFE) and related fluorochemicals. Atmospheric Chemistry and Physics, 2022, 22, 3371-3378.	1.9	4
6	The Antarctic ozone hole during 2020. Journal of Southern Hemisphere Earth Systems Science, 2022, 72, 19-37.	0.7	11
7	IRIS analyser assessment reveals sub-hourly variability of isotope ratios in carbon dioxide at Baring Head, New Zealand's atmospheric observatory in the Southern Ocean. Atmospheric Measurement Techniques, 2022, 15, 1631-1656.	1.2	0
8	Top-down and bottom-up estimates of anthropogenic methyl bromide emissions from eastern China. Atmospheric Chemistry and Physics, 2022, 22, 5157-5173.	1.9	9
9	Projections of hydrofluorocarbon (HFC) emissions and the resulting global warming based on recent trends in observed abundances and current policies. Atmospheric Chemistry and Physics, 2022, 22, 6087-6101.	1.9	29
10	The Antarctic ozone hole during 2018 and 2019. Journal of Southern Hemisphere Earth Systems Science, 2021, 71, 66-91.	0.7	12
11	Unexpected nascent atmospheric emissions of three ozone-depleting hydrochlorofluorocarbons. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	16
12	Global trends and European emissions of tetrafluoromethane (CF₄), hexafluoroethane (C₂F₆) and octafluoropropane (C₃F₈). Atmospheric Chemistry and Physics, 2021, 21, 2149-2164.	1.9	12
13	Methyl Chloroform Continues to Constrain the Hydroxyl (OH) Variability in the Troposphere. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033862.	1.2	21
14	A decline in global CFC-11 emissions during 2018â^'2019. Nature, 2021, 590, 428-432.	13.7	55
15	A decline in emissions of CFC-11 and related chemicals from eastern China. Nature, 2021, 590, 433-437.	13.7	61
16	Growing Atmospheric Emissions of Sulfuryl Fluoride. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034327.	1.2	10
17	Quantifying the Imprints of Stratospheric Contributions to Interhemispheric Differences in Tropospheric CFCâ€11, CFCâ€12, and N 2 O Abundances. Geophysical Research Letters, 2021, 48, e2021GL093700.	1.5	1
18	H ₂ in Antarctic firn air: Atmospheric reconstructions and implications for anthropogenic emissions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	9

#	Article	IF	Citations
19	Evidence of a recent decline in UKÂemissions of hydrofluorocarbons determined by the InTEM inverse model and atmospheric measurements. Atmospheric Chemistry and Physics, 2021, 21, 12739-12755.	1.9	17
20	First ground-based Fourier transform infrared (FTIR) spectrometer observations of HFC-23 at Rikubetsu, Japan, and Syowa Station, Antarctica. Atmospheric Measurement Techniques, 2021, 14, 5955-5976.	1.2	1
21	Strong Southern Ocean carbon uptake evident in airborne observations. Science, 2021, 374, 1275-1280.	6.0	44
22	Rapid increase in dichloromethane emissions from China inferred through atmospheric observations. Nature Communications, 2021, 12, 7279.	5.8	24
23	A comprehensive quantification of global nitrous oxide sources and sinks. Nature, 2020, 586, 248-256.	13.7	814
24	Emissions and Marine Boundary Layer Concentrations of Unregulated Chlorocarbons Measured at Cape Point, South Africa. Environmental Science & Technology, 2020, 54, 10514-10523.	4.6	9
25	Country-Scale Analysis of Methane Emissions with a High-Resolution Inverse Model Using GOSAT and Surface Observations. Remote Sensing, 2020, 12, 375.	1.8	28
26	The increasing atmospheric burden of the greenhouse gas sulfur hexafluoride (SF₆). Atmospheric Chemistry and Physics, 2020, 20, 7271-7290.	1.9	63
27	Increase in global emissions of HFC-23 despite near-total expected reductions. Nature Communications, 2020, 11, 397.	5.8	41
28	A Synthesis Inversion to Constrain Global Emissions of Two Very Short Lived Chlorocarbons: Dichloromethane, and Perchloroethylene. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031818.	1.2	18
29	Australian chlorofluorocarbon (CFC) emissions: 1960â€“2017. Environmental Chemistry, 2020, 17, 525.	0.7	6
30	The Global Methane Budget 2000â€“2017. Earth System Science Data, 2020, 12, 1561-1623.	3.7	1,199
31	The shared socio-economic pathway (SSP) greenhouse gas concentrations and their extensions to 2500. Geoscientific Model Development, 2020, 13, 3571-3605.	1.3	539
32	Composition of Clean Marine Air and Biogenic Influences on VOCs during the MUMBA Campaign. Atmosphere, 2019, 10, 383.	1.0	8
33	Identification of platform exhaust on the RV <i>Investigator</i>. Atmospheric Measurement Techniques, 2019, 12, 3019-3038.	1.2	15
34	Emissions of halocarbons from India inferred through atmospheric measurements. Atmospheric Chemistry and Physics, 2019, 19, 9865-9885.	1.9	25
35	Perfluorocyclobutane (PFC-318,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (<i>c</i>-C> in the global atmosphere. Atmospheric Chemistry and Physics, 2019, 19, 10335-10359.	1.9	22
36	Recent Trends in Stratospheric Chlorine From Very Shortâ€Lived Substances. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2318-2335.	1.2	34

#	Article	IF	Citations
37	Abundances, emissions, and loss processes of the long-lived and potent greenhouse gas octafluorooxolane (octafluorotetrahydrofuran,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td (<i>c</i> in the atmosphere. Atmospheric Chemistry and Physics, 2019, 19, 3481-3492.	1.9	4
38	The Macquarie Island (LoFlo2G) high-precision continuous atmospheric carbon dioxide record. Atmospheric Measurement Techniques, 2019, 12, 1103-1121.	1.2	6
39	Increase in CFC-11 emissions from eastern China based on atmospheric observations. Nature, 2019, 569, 546-550.	13.7	148
40	The Antarctic ozone hole during 2017. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 29.	0.7	5
41	Trends in Antarctic ozone hole metrics 2001â€“17. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 52.	0.7	6
42	The Antarctic ozone hole during 2015 and 2016. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 16.	0.7	3
43	The Antarctic ozone hole during 2014. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 1.	0.7	2
44	Rapid increase in ozone-depleting chloroform emissions from China. Nature Geoscience, 2019, 12, 89-93.	5.4	92
45	Top-down constraints on global N₂O emissions at optimal resolution: application of aÂnew dimension reduction technique. Atmospheric Chemistry and Physics, 2018, 18, 735-756.	1.9	22
46	Recent increases in the atmospheric growth rate and emissions of HFC-23 (CHF₃) and the link to HCFC-22 (CHClF₂) production. Atmospheric Chemistry and Physics, 2018, 18, 4153-4169.	1.9	27
47	Atmospheric histories and emissions of chlorofluorocarbons CFC-13 (CClF₃), Î£CFC-114 (C₂Cl₂F₄ and CFC-115 (C₂ClF₅). Atmospheric Chemistry and Physics, 2018, 18, 979-1002.	1.9	44
48	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. Scientific Reports, 2018, 8, 4669.	1.6	11
49	Characterizing Atmospheric Transport Pathways to Antarctica and the Remote Southern Ocean Using Radon-222. Frontiers in Earth Science, 2018, 6, .	0.8	37
50	Net Community Production in the Southern Ocean: Insights From Comparing Atmospheric Potential Oxygen to Satellite Ocean Color Algorithms and Ocean Models. Geophysical Research Letters, 2018, 45, 10,549-10,559.	1.5	6
51	Continued Emissions of the Ozoneâ€Depleting Substance Carbon Tetrachloride From Eastern Asia. Geophysical Research Letters, 2018, 45, 11423-11430.	1.5	37
52	Observations of Ice Nucleating Particles Over Southern Ocean Waters. Geophysical Research Letters, 2018, 45, 11,989.	1.5	110
53	History of chemically and radiatively important atmospheric gases from the Advanced Global Atmospheric Gases Experiment (AGAGE). Earth System Science Data, 2018, 10, 985-1018.	3.7	179
54	Role of atmospheric oxidation in recent methane growth. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5373-5377.	3.3	231

#	Article	IF	Citations
55	Atmospheric observations show accurate reporting and little growth in Indiaâ€™s methane emissions. Nature Communications, 2017, 8, 836.	5.8	67
56	Deriving Global OH Abundance and Atmospheric Lifetimes for Longâ€Lived Gases: A Search for CH₃CCl₃ Alternatives. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11,914.	1.2	26
57	Variability and quasi-decadal changes in the methane budget over the period 2000â€“2012. Atmospheric Chemistry and Physics, 2017, 17, 11135-11161.	1.9	85
58	The recent increase of atmospheric methane from 10 years of ground-based NDACC FTIR observations since 2005. Atmospheric Chemistry and Physics, 2017, 17, 2255-2277.	1.9	33
59	Changing trends and emissions of hydrochlorofluorocarbons (HCFCs) and their hydrofluorocarbon (HFCs) replacements. Atmospheric Chemistry and Physics, 2017, 17, 4641-4655.	1.9	42
60	Historical greenhouse gas concentrations for climate modelling (CMIP6). Geoscientific Model Development, 2017, 10, 2057-2116.	1.3	350
61	Isotopic ordering in atmospheric O₂ as a tracer of ozone photochemistry and the tropical atmosphere. Journal of Geophysical Research D: Atmospheres, 2016, 121, 12,541.	1.2	15
62	Atmospheric histories and global emissions of halons Hâ€1211 (CBrClF₂), Hâ€1301 (CBrF₃), and Hâ€2402 (CBrF₂CBrF₂). Journal of Geophysical Research D: Atmospheres, 2016, 121, 3663-3686.	1.2	24
63	Role of OH variability in the stalling of the global atmospheric CH₄ growth rate from 1999 to 2006. Atmospheric Chemistry and Physics, 2016, 16, 7943-7956.	1.9	68
64	Atmospheric abundance and global emissions of perfluorocarbons CF₄, C₂F₆ and C₃F₈ since 1800 inferred from ice core, firn, air archive and in situ measurements. Atmospheric Chemistry and Physics, 2016, 16, 11733-11754.	1.9	35
65	Model sensitivity studies of the decrease in atmospheric carbon tetrachloride. Atmospheric Chemistry and Physics, 2016, 16, 15741-15754.	1.9	5
66	Global HCFC-22 measurements with MIPAS: retrieval, validation, global distribution and its evolution over 2005â€“2012. Atmospheric Chemistry and Physics, 2016, 16, 3345-3368.	1.9	27
67	Global and regional emissions estimates of 1,1-difluoroethane (HFC-152a,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (CH&a and air archive observations. Atmospheric Chemistry and Physics, 2016, 16, 365-382.	1.9	30
68	Source and meteorological influences on air quality (CO, CH4 & CO2) at a Southern Hemisphere urban site. Atmospheric Environment, 2016, 126, 274-289.	1.9	46
69	Towards a Universal â€œBaselineâ€•Characterisation of Air Masses for High- and Low-Altitude Observing Stations Using Radon-222. Aerosol and Air Quality Research, 2016, 16, 885-899.	0.9	42
70	The global methane budget 2000â€“2012. Earth System Science Data, 2016, 8, 697-751.	3.7	824
71	First observations, trends, and emissions of <scp>HCFCâ€31 (CH₂ClF)</scp> in the global atmosphere. Geophysical Research Letters, 2015, 42, 7817-7824.	1.5	12
72	Abrupt reversal in emissions and atmospheric abundance of HCFC-133a (CF₃) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (	1.5	12

#	Article	IF	Citations
73	Growth in stratospheric chlorine from shortâ€lived chemicals not controlled by the Montreal Protocol. Geophysical Research Letters, 2015, 42, 4573-4580.	1.5	42
74	Variations in global methane sources and sinks during 1910â€“2010. Atmospheric Chemistry and Physics, 2015, 15, 2595-2612.	1.9	108
75	Biomass burning emissions of trace gases and particles in marine air at Cape Grim, Tasmania. Atmospheric Chemistry and Physics, 2015, 15, 13393-13411.	1.9	27
76	Simulations of atmospheric methane for Cape Grim, Tasmania, to constrain southeastern Australian methane emissions. Atmospheric Chemistry and Physics, 2015, 15, 305-317.	1.9	9
77	Seasonal changes in the tropospheric carbon monoxide profile over the remote Southern Hemisphere evaluated using multi-model simulations and aircraft observations. Atmospheric Chemistry and Physics, 2015, 15, 3217-3239.	1.9	14
78	Simulation of atmospheric N₂O with GEOS-Chem and its adjoint: evaluation of observational constraints. Geoscientific Model Development, 2015, 8, 3179-3198.	1.3	15
79	Reconciling reported and unreported HFC emissions with atmospheric observations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5927-5931.	3.3	66
80	The Antarctic ozone hole during 2013. Australian Meteorological Magazine, 2015, 65, 247-266.	0.4	1
81	Seasonal climate summary southern hemisphere (spring 2014): El NiÃ±o continues to try to break through, and Australia has its warmest spring on record (again!). Australian Meteorological Magazine, 2015, 65, 267-292.	0.4	7
82	Results from the International Halocarbons in Air Comparison Experiment (IHALACE). Atmospheric Measurement Techniques, 2014, 7, 469-490.	1.2	37
83	Observational evidence for interhemispheric hydroxyl-radical parity. Nature, 2014, 513, 219-223.	13.7	121
84	Australian carbon tetrachloride emissions in a global context. Environmental Chemistry, 2014, 11, 77.	0.7	35
85	Quantifying aluminum and semiconductor industry perfluorocarbon emissions from atmospheric measurements. Geophysical Research Letters, 2014, 41, 4787-4794.	1.5	23
86	HFC-43-10mee atmospheric abundances and global emission estimates. Geophysical Research Letters, 2014, 41, 2228-2235.	1.5	12
87	Characterization of uncertainties in atmospheric trace gas inversions using hierarchical Bayesian methods. Atmospheric Chemistry and Physics, 2014, 14, 3855-3864.	1.9	116
88	Estimating regional fluxes of CO₂ and CH₄ using space-borne observations of XCH₄: XCO₂. Atmospheric Chemistry and Physics, 2014, 14, 12883-12895.	1.9	35
89	Nitrous oxide emissions 1999 to 2009 from a global atmospheric inversion. Atmospheric Chemistry and Physics, 2014, 14, 1801-1817.	1.9	59
90	TransCom N₂O model inter-comparison â€“ Part 1: Assessing the influence of transport and surface fluxes on tropospheric N₂O variability. Atmospheric Chemistry and Physics, 2014, 14, 4349-4368.	1.9	34

#	Article	IF	Citations
91	Global and regional emissions estimates for N₂O. Atmospheric Chemistry and Physics, 2014, 14, 4617-4641.	1.9	91
92	Corrigendum to "Global and regional emission estimates for HCFC-22", Atmos. Chem. Phys., 12, 10033â€“10050, 2012. Atmospheric Chemistry and Physics, 2014, 14, 4857-4858.	1.9	4
93	On the consistency between global and regional methane emissions inferred from SCIAMACHY, TANSO-FTS, IASI and surface measurements. Atmospheric Chemistry and Physics, 2014, 14, 577-592.	1.9	91
94	TransCom N₂O model inter-comparison â€“ Part 2: Atmospheric inversion estimates of N₂O emissions. Atmospheric Chemistry and Physics, 2014, 14, 6177-6194.	1.9	49
95	Global emissions of HFC-143a (CH₃CF₃) and HFC-32 (CH₂F₂) from in situ and air archive atmospheric observations. Atmospheric Chemistry and Physics, 2014, 14, 9249-9258.	1.9	39
96	Recent and future trends in synthetic greenhouse gas radiative forcing. Geophysical Research Letters, 2014, 41, 2623-2630.	1.5	102
97	The Antarctic ozone hole during 2011. Australian Meteorological Magazine, 2014, 64, 293-311.	0.4	7
98	The Antarctic ozone hole during 2012. Australian Meteorological Magazine, 2014, 64, 313-330.	0.4	3
99	Reply to 'Anthropogenic CO2 emissions'. Nature Climate Change, 2013, 3, 604-604.	8.1	13
100	Three decades of global methane sources and sinks. Nature Geoscience, 2013, 6, 813-823.	5.4	1,649
101	Atmospheric verification of anthropogenic CO2 emission trends. Nature Climate Change, 2013, 3, 520-524.	8.1	84
102	Re-evaluation of the lifetimes of the major CFCs and CH₃CCl₃ using atmospheric trends. Atmospheric Chemistry and Physics, 2013, 13, 2691-2702.	1.9	105
103	Global CO₂ fluxes estimated from GOSAT retrievals of total column CO₂. Atmospheric Chemistry and Physics, 2013, 13, 8695-8717.	1.9	251
104	How well do different tracers constrain the firn diffusivity profile?. Atmospheric Chemistry and Physics, 2013, 13, 1485-1510.	1.9	25
105	Estimating regional methane surface fluxes: the relative importance of surface and GOSAT mole fraction measurements. Atmospheric Chemistry and Physics, 2013, 13, 5697-5713.	1.9	94
106	Interannual variability in tropospheric nitrous oxide. Geophysical Research Letters, 2013, 40, 4426-4431.	1.5	15
107	Reassessing the variability in atmospheric H₂ using the twoâ€way nested TM5 model. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3764-3780.	1.2	26
108	Seasonal climate summary southern hemisphere (spring 2012): warmer and drier across much of Australia, along with a new southern hemisphere sea ice extend record. Australian Meteorological Magazine, 2013, 63, 427-442.	0.4	1

#	Article	IF	Citations
109	Global and regional emission estimates for HCFC-22. Atmospheric Chemistry and Physics, 2012, 12, 10033-10050.	1.9	40
110	Corrigendum to "Source attribution of the changes in atmospheric methane for 2006â€“2008" published in Atmos. Chem. Phys., 11, 3689â€“3700, 2011. Atmospheric Chemistry and Physics, 2012, 12, 9381-9382.	1.9	0
111	C₄F₁₀, C₅F₁₂, C₆F₁₄, C₇F₁₆ and	1.9	23
112	Trends and seasonal cycles in the isotopic composition of nitrous oxide since 1940. Nature Geoscience, 2012, 5, 261-265.	5.4	220
113	Atmospheric histories and global emissions of the anthropogenic hydrofluorocarbons HFC-365mfc, HFC-245fa, HFC-227ea, and HFC-236fa. Journal of Geophysical Research, 2011, 116, .	3.3	48
114	Global CO₂fluxes inferred from surface air-sample measurements and from TCCON retrievals of the CO₂total column. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	85
115	Source attribution of the changes in atmospheric methane for 2006â€“2008. Atmospheric Chemistry and Physics, 2011, 11, 3689-3700.	1.9	252
116	Exploring causes of interannual variability in the seasonal cycles of tropospheric nitrous oxide. Atmospheric Chemistry and Physics, 2011, 11, 3713-3730.	1.9	60
117	Global modelling of H₂ mixing ratios and isotopic compositions with the TM5 model. Atmospheric Chemistry and Physics, 2011, 11, 7001-7026.	1.9	35
118	Atmospheric monitoring of the CO2CRC Otway Project and lessons for large scale CO2 storage projects. Energy Procedia, 2011, 4, 3666-3675.	1.8	35
119	The Antarctic ozone hole during 2008 and 2009. Australian Meteorological Magazine, 2011, 61, 77-90.	0.4	13
120	The Antarctic ozone hole during 2010. Australian Meteorological Magazine, 2011, 61, 253-267.	0.4	17
121	Atmospheric three-dimensional inverse modeling of regional industrial emissions and global oceanic uptake of carbon tetrachloride. Atmospheric Chemistry and Physics, 2010, 10, 10421-10434.	1.9	32
122	History of atmospheric SF₆ from 1973 to 2008. Atmospheric Chemistry and Physics, 2010, 10, 10305-10320.	1.9	136
123	Perfluorocarbons in the global atmosphere: tetrafluoromethane, hexafluoroethane, and octafluoropropane. Atmospheric Chemistry and Physics, 2010, 10, 5145-5164.	1.9	141
124	Optimal estimation of the surface fluxes of methyl chloride using a 3-D global chemical transport model. Atmospheric Chemistry and Physics, 2010, 10, 5515-5533.	1.9	51
125	HFC-23 (CHF₃) emission trend response to HCFC-22 (CHClF₂) production and recent HFC-23 emission abatement measures. Atmospheric Chemistry and Physics, 2010, 10, 7875-7890.	1.9	76
126	Stratospheric influence on the seasonal cycle of nitrous oxide in the troposphere as deduced from aircraft observations and model simulations. Journal of Geophysical Research, 2010, 115, .	3.3	43

#	Article	IF	Citations
127	CO₂ surface fluxes at grid point scale estimated from a global 21 year reanalysis of atmospheric measurements. Journal of Geophysical Research, 2010, 115, .	3.3	276
128	Growth Rate, Seasonal, Synoptic, Diurnal Variations and Budget of Methane in the Lower Atmosphere. Journal of the Meteorological Society of Japan, 2009, 87, 635-663.	0.7	74
129	Global and regional emissions of HFCâ€125 (CHF₂CF₃) from in situ and air archive atmospheric observations at AGAGE and SOGE observatories. Journal of Geophysical Research, 2009, 114, .	3.3	38
130	Correction to â€œSulfuryl fluoride in the global atmosphereâ€• Journal of Geophysical Research, 2009, 114, .	3.3	1
131	Postfrontal nanoparticles at Cape Grim: observations. Environmental Chemistry, 2009, 6, 508.	0.7	11
132	Estimation of regional emissions of nitrous oxide from 1997 to 2005 using multinetwork measurements, a chemical transport model, and an inverse method. Journal of Geophysical Research, 2008, 113, .	3.3	92
133	Renewed growth of atmospheric methane. Geophysical Research Letters, 2008, 35, .	1.5	439
134	Optimal estimation of the soil uptake rate of molecular hydrogen from the Advanced Global Atmospheric Gases Experiment and other measurements. Journal of Geophysical Research, 2007, 112, .	3.3	54
135	Observations of 1,1-difluoroethane (HFC-152a) at AGAGE and SOGE monitoring stations in 1994â€“2004 and derived global and regional emission estimates. Journal of Geophysical Research, 2007, 112, .	3.3	48
136	A short climatology of nanoparticles at the Cape Grim Baseline Air Pollution Station, Tasmania. Environmental Chemistry, 2007, 4, 301.	0.7	8
137	Precursors to Particles (P2P) at Cape Grim 2006: campaign overview. Environmental Chemistry, 2007, 4, 143.	0.7	17
138	Global trends, seasonal cycles, and European emissions of dichloromethane, trichloroethene, and tetrachloroethene from the AGAGE observations at Mace Head, Ireland, and Cape Grim, Tasmania. Journal of Geophysical Research, 2006, 111, .	3.3	67
139	Trace gas emissions from Melbourne, Australia, based on AGAGE observations at Cape Grim, Tasmania, 1995â€“2000. Atmospheric Environment, 2005, 39, 6334-6344.	1.9	35
140	Identification of Regional Sources of Methyl Bromide and Methyl Iodide from AGAGE Observations at Cape Grim, Tasmania. Journal of Atmospheric Chemistry, 2005, 50, 59-77.	1.4	32
141	Improved continuousin situmeasurements of C1â€“C3PFCs, HFCs, HCFCs, CFCs and SF6in Europe and Australia. Journal of Integrative Environmental Sciences, 2005, 2, 253-261.	0.8	9
142	Evidence for variability of atmospheric hydroxyl radicals over the past quarter century. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	267
143	AGAGE Observations of Methyl Bromide and Methyl Chloride at Mace Head, Ireland, and Cape Grim, Tasmania, 1998â€“2001. Journal of Atmospheric Chemistry, 2004, 47, 243-269.	1.4	58
144	Rapid growth of hydrofluorocarbon 134a and hydrochlorofluorocarbons 141b, 142b, and 22 from Advanced Global Atmospheric Gases Experiment (AGAGE) observations at Cape Grim, Tasmania, and Mace Head, Ireland. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	96

#	Article	IF	Citations
145	Atmospheric histories of halocarbons from analysis of Antarctic firn air: Methyl bromide, methyl chloride, chloroform, and dichloromethane. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	59
146	Title is missing!. Journal of Atmospheric Chemistry, 2003, 45, 79-99.	1.4	51
147	In situ measurements of atmospheric methane at GAGE/AGAGE sites during 1985â€“2000 and resulting source inferences. Journal of Geophysical Research, 2002, 107, ACH 20-1.	3.3	135
148	The atmospheric boundary layer in the CSIRO global climate model: simulations versus observations. Climate Dynamics, 2002, 19, 397-415.	1.7	7
149	Variability of Optical Depth and Effective Radius in Marine Stratocumulus Clouds. Journals of the Atmospheric Sciences, 2001, 58, 2912-2926.	0.6	118
150	Precipitation in marine cumulus and stratocumulus.. Atmospheric Research, 2000, 54, 117-155.	1.8	46
151	Characteristics of marine boundary layers during two Lagrangian measurement periods: 1. General conditions and mean characteristics. Journal of Geophysical Research, 1999, 104, 21751-21765.	3.3	8
152	Measuring Entrainment, Divergence, and Vorticity on the Mesoscale from Aircraft. Journal of Atmospheric and Oceanic Technology, 1999, 16, 1384-1400.	0.5	41
153	Microphysical and short-wave radiative structure of stratocumulus clouds over the Southern Ocean: Summer results and seasonal differences. Quarterly Journal of the Royal Meteorological Society, 1998, 124, 151-168.	1.0	82
154	Microphysical properties of boundary layer clouds over the Southern Ocean during ACE 1. Journal of Geophysical Research, 1998, 103, 16651-16663.	3.3	22
155	Bidirectional mixing in an ACE 1 marine boundary layer overlain by a second turbulent layer. Journal of Geophysical Research, 1998, 103, 16411-16432.	3.3	99
156	Thermodynamic structure and entrainment of stratocumulus over the Southern Ocean. Journal of Geophysical Research, 1998, 103, 16637-16650.	3.3	12
157	Correction of aircraft pyranometer measurements for diffuse radiance and alignment errors. Journal of Geophysical Research, 1998, 103, 16753-16758.	3.3	18
158	A line of convection embedded in a stratocumulus-topped boundary layer. Quarterly Journal of the Royal Meteorological Society, 1997, 123, 207-221.	1.0	6
159	Microphysical and short-wave radiative structure of wintertime stratocumulus clouds over the Southern Ocean. Quarterly Journal of the Royal Meteorological Society, 1996, 122, 1307-1339.	1.0	69
160	The Surface Energy Balance at Local and Regional Scales-A Comparison of General Circulation Model Results with Observations. Journal of Climate, 1993, 6, 1090-1109.	1.2	46