Paul B Krummel

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Three decades of global methane sources and sinks. Nature Geoscience, 2013, 6, 813-823.	5.4	1,649
2	The Global Methane Budget 2000â€“2017. Earth System Science Data, 2020, 12, 1561-1623.	3.7	1,199
3	The global methane budget 2000â€“2012. Earth System Science Data, 2016, 8, 697-751.	3.7	824
4	A comprehensive quantification of global nitrous oxide sources and sinks. Nature, 2020, 586, 248-256.	13.7	814
5	The shared socio-economic pathway (SSP) greenhouse gas concentrations and their extensions to 2500. Geoscientific Model Development, 2020, 13, 3571-3605.	1.3	539
6	Renewed growth of atmospheric methane. Geophysical Research Letters, 2008, 35, .	1.5	439
7	Historical greenhouse gas concentrations for climate modelling (CMIP6). Geoscientific Model Development, 2017, 10, 2057-2116.	1.3	350
8	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
9	Evidence for variability of atmospheric hydroxyl radicals over the past quarter century. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	267
10	Source attribution of the changes in atmospheric methane for 2006â€“2008. Atmospheric Chemistry and Physics, 2011, 11, 3689-3700.	1.9	252
11	Global CO₂ fluxes estimated from GOSAT retrievals of total column CO₂. Atmospheric Chemistry and Physics, 2013, 13, 8695-8717.	1.9	251
12	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
13	Trends and seasonal cycles in the isotopic composition of nitrous oxide since 1940. Nature Geoscience, 2012, 5, 261-265.	5.4	220
14	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
15	Increase in CFC-11 emissions from eastern China based on atmospheric observations. Nature, 2019, 569, 546-550.	13.7	148
16	Perfluorocarbons in the global atmosphere: tetrafluoromethane, hexafluoroethane, and octafluoropropane. Atmospheric Chemistry and Physics, 2010, 10, 5145-5164.	1.9	141
17	History of atmospheric SF₆ from 1973 to 2008. Atmospheric Chemistry and Physics, 2010, 10, 10305-10320.	1.9	136
18	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

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19	Observational evidence for interhemispheric hydroxyl-radical parity. Nature, 2014, 513, 219-223.	13.7	121
20	Variability of Optical Depth and Effective Radius in Marine Stratocumulus Clouds. Journals of the Atmospheric Sciences, 2001, 58, 2912-2926.	0.6	118
21	Characterization of uncertainties in atmospheric trace gas inversions using hierarchical Bayesian methods. Atmospheric Chemistry and Physics, 2014, 14, 3855-3864.	1.9	116
22	Observations of Ice Nucleating Particles Over Southern Ocean Waters. Geophysical Research Letters, 2018, 45, 11,989.	1.5	110
23	Variations in global methane sources and sinks during 1910â€“2010. Atmospheric Chemistry and Physics, 2015, 15, 2595-2612.	1.9	108
24	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
25	Recent and future trends in synthetic greenhouse gas radiative forcing. Geophysical Research Letters, 2014, 41, 2623-2630.	1.5	102
26	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
27	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
28	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
29	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
30	Rapid increase in ozone-depleting chloroform emissions from China. Nature Geoscience, 2019, 12, 89-93.	5.4	92
31	Global and regional emissions estimates for N₂O. Atmospheric Chemistry and Physics, 2014, 14, 4617-4641.	1.9	91
32	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
33	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
34	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
35	Atmospheric verification of anthropogenic CO2 emission trends. Nature Climate Change, 2013, 3, 520-524.	8.1	84
36	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

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37	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
38	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
39	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
40	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
41	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
42	Atmospheric observations show accurate reporting and little growth in Indiaâ€™s methane emissions. Nature Communications, 2017, 8, 836.	5.8	67
43	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
44	The increasing atmospheric burden of the greenhouse gas sulfur hexafluoride (SF₆). Atmospheric Chemistry and Physics, 2020, 20, 7271-7290.	1.9	63
45	A decline in emissions of CFC-11 and related chemicals from eastern China. Nature, 2021, 590, 433-437.	13.7	61
46	Exploring causes of interannual variability in the seasonal cycles of tropospheric nitrous oxide. Atmospheric Chemistry and Physics, 2011, 11, 3713-3730.	1.9	60
47	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
48	Nitrous oxide emissions 1999 to 2009 from a global atmospheric inversion. Atmospheric Chemistry and Physics, 2014, 14, 1801-1817.	1.9	59
49	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
50	A decline in global CFC-11 emissions during 2018â˜'2019. Nature, 2021, 590, 428-432.	13.7	55
51	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
52	Title is missing!. Journal of Atmospheric Chemistry, 2003, 45, 79-99.	1.4	51
53	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
54	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

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55	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
56	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
57	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
58	Precipitation in marine cumulus and stratocumulus.. Atmospheric Research, 2000, 54, 117-155.	1.8	46
59	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
60	Strong Southern Ocean carbon uptake evident in airborne observations. Science, 2021, 374, 1275-1280.	6.0	44
61	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
62	Growth in stratospheric chlorine from shortâ€lived chemicals not controlled by the Montreal Protocol. Geophysical Research Letters, 2015, 42, 4573-4580.	1.5	42
63	Changing trends and emissions of hydrochlorofluorocarbons (HCFCs) and their hydrofluorocarbon (HFCs) replacements. Atmospheric Chemistry and Physics, 2017, 17, 4641-4655.	1.9	42
64	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
65	Measuring Entrainment, Divergence, and Vorticity on the Mesoscale from Aircraft. Journal of Atmospheric and Oceanic Technology, 1999, 16, 1384-1400.	0.5	41
66	Increase in global emissions of HFC-23 despite near-total expected reductions. Nature Communications, 2020, 11, 397.	5.8	41
67	Global and regional emission estimates for HCFC-22. Atmospheric Chemistry and Physics, 2012, 12, 10033-10050.	1.9	40
68	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
69	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
70	Results from the International Halocarbons in Air Comparison Experiment (IHALACE). Atmospheric Measurement Techniques, 2014, 7, 469-490.	1.2	37
71	Characterizing Atmospheric Transport Pathways to Antarctica and the Remote Southern Ocean Using Radon-222. Frontiers in Earth Science, 2018, 6, .	0.8	37
72	Continued Emissions of the Ozoneâ€Depleting Substance Carbon Tetrachloride From Eastern Asia. Geophysical Research Letters, 2018, 45, 11423-11430.	1.5	37

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73	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	35
74	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
75	Global modelling of H₂ mixing ratios and isotopic compositions with the TM5 model. Atmospheric Chemistry and Physics, 2011, 11, 7001-7026.	1.9	35
76	Atmospheric monitoring of the CO2CRC Otway Project and lessons for large scale CO2 storage projects. Energy Procedia, 2011, 4, 3666-3675.	1.8	35
77	Australian carbon tetrachloride emissions in a global context. Environmental Chemistry, 2014, 11, 77.	0.7	35
78	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
79	Atmospheric [illegible] bons CF₄, C₂F₆ and C₃F₈ since 1800 inferred from ice core, firn, air archive and in situ measurements. Atmospheric Chemistry and Physics, [illegible]	1.9	35
80	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
81	Recent Trends in Stratospheric Chlorine From Very Shortâ€Lived Substances. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2318-2335.	1.2	34
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	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
90	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

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91	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
92	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
93	How well do different tracers constrain the firn diffusivity profile?. Atmospheric Chemistry and Physics, 2013, 13, 1485-1510.	1.9	25
94	Emissions of halocarbons from India inferred through atmospheric measurements. Atmospheric Chemistry and Physics, 2019, 19, 9865-9885.	1.9	25
95	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
96	Rapid increase in dichloromethane emissions from China inferred through atmospheric observations. Nature Communications, 2021, 12, 7279.	5.8	24
97	Atmospheric histories and growth trends of C₄F₁₀, C₅F₁₂, C₆F₁₄, C₇F₁₆ and C₈F₁₈. Atmospheric Che	1.9	23
98	Quantifying aluminum and semiconductor industry perfluorocarbon emissions from atmospheric measurements. Geophysical Research Letters, 2014, 41, 4787-4794.	1.5	23
99	Microphysical properties of boundary layer clouds over the Southern Ocean during ACE 1. Journal of Geophysical Research, 1998, 103, 16651-16663.	3.3	22
100	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
101	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
102	Perfluorocyclobutane (PFC-318,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (<i>c</i>-C<sub&an in the global atmosphere. Atmospheric Chemistry and Physics, 2019, 19, 10335-10359.	1.9	22
103	Methyl Chloroform Continues to Constrain the Hydroxyl (OH) Variability in the Troposphere. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033862.	1.2	21
104	Correction of aircraft pyranometer measurements for diffuse radiance and alignment errors. Journal of Geophysical Research, 1998, 103, 16753-16758.	3.3	18
105	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
106	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
107	Precursors to Particles (P2P) at Cape Grim 2006: campaign overview. Environmental Chemistry, 2007, 4, 143.	0.7	17
108	The Antarctic ozone hole during 2010. Australian Meteorological Magazine, 2011, 61, 253-267.	0.4	17

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109	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
110	Interannual variability in tropospheric nitrous oxide. Geophysical Research Letters, 2013, 40, 4426-4431.	1.5	15
111	Simulation of atmospheric N₂O with GEOS-Chem and its adjoint: evaluation of observational constraints. Geoscientific Model Development, 2015, 8, 3179-3198.	1.3	15
112	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
113	Identification of platform exhaust on the RV <i>Investigator</i>. Atmospheric Measurement Techniques, 2019, 12, 3019-3038.	1.2	15
114	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
115	Synoptic variations in atmospheric CO₂ at Cape Grim: a model intercomparison. Tellus, Series B: Chemical and Physical Meteorology, 2022, 62, 810.	0.8	13
116	Reply to 'Anthropogenic CO2 emissions'. Nature Climate Change, 2013, 3, 604-604.	8.1	13
117	The Antarctic ozone hole during 2008 and 2009. Australian Meteorological Magazine, 2011, 61, 77-90.	0.4	13
118	Thermodynamic structure and entrainment of stratocumulus over the Southern Ocean. Journal of Geophysical Research, 1998, 103, 16637-16650.	3.3	12
119	HFC-43-10mee atmospheric abundances and global emission estimates. Geophysical Research Letters, 2014, 41, 2228-2235.	1.5	12
120	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
121	Abrupt reversal in emissions and atmospheric abundance of HCFC-133a (CF₃) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.5	12
122	The Antarctic ozone hole during 2018 and 2019. Journal of Southern Hemisphere Earth Systems Science, 2021, 71, 66-91.	0.7	12
123	Global trends and European emissions of tetrafluoromethane (CF₄), hexafluoroethane (C₂F₆) and octafluoropropane (C₃F₈). Atmospheric Chemistry and Physics, 2021, 21, 2149-2164.	1.9	12
124	Chemical evidence of inter-hemispheric air mass intrusion into the Northern Hemisphere mid-latitudes. Scientific Reports, 2018, 8, 4669.	1.6	11
125	Postfrontal nanoparticles at Cape Grim: observations. Environmental Chemistry, 2009, 6, 508.	0.7	11
126	The Antarctic ozone hole during 2020. Journal of Southern Hemisphere Earth Systems Science, 2022, 72, 19-37.	0.7	11

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127	Growing Atmospheric Emissions of Sulfuryl Fluoride. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD034327.	1.2	10
128	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
129	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
130	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
131	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
132	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
133	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
134	Composition of Clean Marine Air and Biogenic Influences on VOCs during the MUMBA Campaign. Atmosphere, 2019, 10, 383.	1.0	8
135	A short climatology of nanoparticles at the Cape Grim Baseline Air Pollution Station, Tasmania. Environmental Chemistry, 2007, 4, 301.	0.7	8
136	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
137	The atmospheric boundary layer in the CSIRO global climate model: simulations versus observations. Climate Dynamics, 2002, 19, 397-415.	1.7	7
138	The Antarctic ozone hole during 2011. Australian Meteorological Magazine, 2014, 64, 293-311.	0.4	7
139	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
140	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
141	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
142	The Macquarie Island (LoFlo2G) high-precision continuous atmospheric carbon dioxide record. Atmospheric Measurement Techniques, 2019, 12, 1103-1121.	1.2	6
143	Trends in Antarctic ozone hole metrics 2001â€“17. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 52.	0.7	6
144	Australian chlorofluorocarbon (CFC) emissions: 1960â€“2017. Environmental Chemistry, 2020, 17, 525.	0.7	6

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145	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
146	Model sensitivity studies of the decrease in atmospheric carbon tetrachloride. Atmospheric Chemistry and Physics, 2016, 16, 15741-15754.	1.9	5
147	The Antarctic ozone hole during 2017. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 29.	0.7	5
148	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
149	Abundances, emissions, and loss processes of the long-lived and potent greenhouse gas octafluorooxolane (octafluorotetrahydrofuran,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (<i>c</i&an in the atmosphere. Atmospheric Chemistry and Physics, 2019, 19, 3481-3492.	1.9	4
150	Global emissions of perfluorocyclobutane (PFC-318,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 557 Td (<i>c</i&g 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
151	The Antarctic ozone hole during 2015 and 2016. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 16.	0.7	3
152	The Antarctic ozone hole during 2012. Australian Meteorological Magazine, 2014, 64, 313-330.	0.4	3
153	The Antarctic ozone hole during 2014. Journal of Southern Hemisphere Earth Systems Science, 2019, 69, 1.	0.7	2
154	Correction to â€œSulfuryl fluoride in the global atmosphereâ€. Journal of Geophysical Research, 2009, 114, .	3.3	1
155	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
156	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
157	The Antarctic ozone hole during 2013. Australian Meteorological Magazine, 2015, 65, 247-266.	0.4	1
158	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
159	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
160	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