

# Stefan Reimann

## List of Publications by Year in descending order

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126  
papers

7,062  
citations

71102

41  
h-index

76900

74  
g-index

192  
all docs

192  
docs citations

192  
times ranked

7204  
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric composition change – global and regional air quality. <i>Atmospheric Environment</i> , 2009, 43, 5268-5350.	4.1	714
2	The shared socio-economic pathway (SSP) greenhouse gas concentrations and their extensions to 2500. <i>Geoscientific Model Development</i> , 2020, 13, 3571-3605.	3.6	539
3	Historical greenhouse gas concentrations for climate modelling (CMIP6). <i>Geoscientific Model Development</i> , 2017, 10, 2057-2116.	3.6	350
4	Evidence for variability of atmospheric hydroxyl radicals over the past quarter century. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	267
5	An analytical inversion method for determining regional and global emissions of greenhouse gases: Sensitivity studies and application to halocarbons. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 1597-1620.	4.9	204
6	History of chemically and radiatively important atmospheric gases from the Advanced Global Atmospheric Gases Experiment (AGAGE). <i>Earth System Science Data</i> , 2018, 10, 985-1018.	9.9	179
7	Measuring atmospheric composition change. <i>Atmospheric Environment</i> , 2009, 43, 5351-5414.	4.1	160
8	Reversal of global atmospheric ethane and propane trends largely due to US oil and natural gas production. <i>Nature Geoscience</i> , 2016, 9, 490-495.	12.9	149
9	Increase in CFC-11 emissions from eastern China based on atmospheric observations. <i>Nature</i> , 2019, 569, 546-550.	27.8	148
10	Radiocarbon ( <sup>14</sup> C)-deduced biogenic and anthropogenic contributions to organic carbon (OC) of urban aerosols from Zürich, Switzerland. <i>Atmospheric Environment</i> , 2004, 38, 4035-4044.	4.1	147
11	Preserving Montreal Protocol Climate Benefits by Limiting HFCs. <i>Science</i> , 2012, 335, 922-923.	12.6	139
12	History of atmospheric SF <sub>6</sub> from 1973 to 2008. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10305-10320.	4.9	136
13	Modern inhalation anesthetics: Potent greenhouse gases in the global atmosphere. <i>Geophysical Research Letters</i> , 2015, 42, 1606-1611.	4.0	119
14	Robust extraction of baseline signal of atmospheric trace species using local regression. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 2613-2624.	3.1	116
15	The anthropogenic contribution to isoprene concentrations in a rural atmosphere. <i>Atmospheric Environment</i> , 2000, 34, 109-115.	4.1	99
16	Oxygenated volatile organic compounds (OVOCs) at an urban background site in Zürich (Europe): Seasonal variation and source allocation. <i>Atmospheric Environment</i> , 2007, 41, 8409-8423.	4.1	93
17	Emissions of ozone-depleting halocarbons from China. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	85
18	Our changing atmosphere: Evidence based on long-term infrared solar observations at the Jungfrauoch since 1950. <i>Science of the Total Environment</i> , 2008, 391, 184-195.	8.0	82

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19	Intercomparison of oxygenated volatile organic compound measurements at the SAPHIR atmosphere simulation chamber. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	78
20	A comparison of benzene, toluene and C2-benzenes mixing ratios in automotive exhaust and in the suburban atmosphere during the introduction of catalytic converter technology to the Swiss Car Fleet. <i>Atmospheric Environment</i> , 2000, 34, 3103-3116.	4.1	74
21	Halogenated greenhouse gases at the Swiss High Alpine Site of Jungfraujoch (3580 m asl): Continuous measurements and their use for regional European source allocation. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	74
22	Chloroacetic Acids in Rainwater. <i>Environmental Science &amp; Technology</i> , 1996, 30, 2340-2344.	10.0	70
23	Reconciling reported and unreported HFC emissions with atmospheric observations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5927-5931.	7.1	66
24	Estimation of background concentrations of trace gases at the Swiss Alpine site Jungfraujoch (3580 m) Tj ETQq0 0,0,rgBT /Overlock 10	3.3	65
25	Future Emissions and Atmospheric Fate of HFC-1234yf from Mobile Air Conditioners in Europe. <i>Environmental Science &amp; Technology</i> , 2012, 46, 1650-1658.	10.0	65
26	Residential wood burning in an Alpine valley as a source for oxygenated volatile organic compounds, hydrocarbons and organic acids. <i>Atmospheric Environment</i> , 2008, 42, 8278-8287.	4.1	63
27	The increasing atmospheric burden of the greenhouse gas sulfur hexafluoride (SF <sub>6</sub> ). <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7271-7290.	4.9	63
28	Low European methyl chloroform emissions inferred from long-term atmospheric measurements. <i>Nature</i> , 2005, 433, 506-508.	27.8	61
29	A decline in emissions of CFC-11 and related chemicals from eastern China. <i>Nature</i> , 2021, 590, 433-437.	27.8	61
30	In-situ measurements of atmospheric hydrofluorocarbons (HFCs) and perfluorocarbons (PFCs) at the Shangdianzi regional background station, China. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 10181-10193.	4.9	59
31	Observations of long-lived anthropogenic halocarbons at the high-Alpine site of Jungfraujoch (Switzerland) for assessment of trends and European sources. <i>Science of the Total Environment</i> , 2008, 391, 224-231.	8.0	56
32	An extended Kalman-filter for regional scale inverse emission estimation. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3455-3478.	4.9	56
33	First Observations of the Fourth Generation Synthetic Halocarbons HFC-1234yf, HFC-1234ze(E), and HCFC-1233zd(E) in the Atmosphere. <i>Environmental Science &amp; Technology</i> , 2015, 49, 2703-2708.	10.0	56
34	Discrepancy between simulated and observed ethane and propane levels explained by underestimated fossil emissions. <i>Nature Geoscience</i> , 2018, 11, 178-184.	12.9	56
35	Large decrease of VOC emissions of Switzerland's car fleet during the past decade: results from a highway tunnel study. <i>Atmospheric Environment</i> , 2005, 39, 1009-1018.	4.1	55
36	Measurements of OVOCs and NMHCs in a Swiss Highway Tunnel for Estimation of Road Transport Emissions. <i>Environmental Science &amp; Technology</i> , 2007, 41, 7060-7066.	10.0	55

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37	Optimal estimation of the surface fluxes of methyl chloride using a 3-D global chemical transport model. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 5515-5533.	4.9	51
38	Influence of mountain venting in the Alps on the ozone chemistry of the lower free troposphere and the European pollution export. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	50
39	Fiber optic distributed temperature sensing for the determination of the nocturnal atmospheric boundary layer height. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 143-149.	3.1	50
40	Observations of 1,1-difluoroethane (HFC-152a) at AGAGE and SOGE monitoring stations in 1994â€“2004 and derived global and regional emission estimates. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	48
41	Atmospheric histories and global emissions of the anthropogenic hydrofluorocarbons HFC-365mfc, HFC-245fa, HFC-227ea, and HFC-236fa. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	48
42	European Emissions of Halogenated Greenhouse Gases Inferred from Atmospheric Measurements. <i>Environmental Science &amp; Technology</i> , 2012, 46, 217-225.	10.0	48
43	Current sources of carbon tetrachloride (CCl <sub>4</sub> ) in our atmosphere. <i>Environmental Research Letters</i> , 2018, 13, 024004.	5.2	47
44	Road vehicle emissions of molecular hydrogen (H <sub>2</sub> ) from a tunnel study. <i>Atmospheric Environment</i> , 2007, 41, 8355-8369.	4.1	46
45	Comparison of four inverse modelling systems applied to the estimation of HFC-125, HFC-134a, and SF <sub>6</sub> emissions over Europe. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10651-10674.	4.9	45
46	Volatile Organic Compounds in the Global Atmosphere. <i>Eos</i> , 2009, 90, 513-514.	0.1	44
47	Radon as a tracer of atmospheric influences on traffic-related air pollution in a small inland city. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 68, 30967.	1.6	43
48	Receptor modeling of C <sub>2</sub> H <sub>2</sub> , C <sub>2</sub> H <sub>4</sub> , C <sub>2</sub> H <sub>6</sub> , C <sub>3</sub> H <sub>8</sub> , and hydrocarbon sources at an urban background site in Zurich, Switzerland: changes between 1993â€“1994 and 2005â€“2006. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 2313-2332.	4.9	42
49	Growth in stratospheric chlorine from short-lived chemicals not controlled by the Montreal Protocol. <i>Geophysical Research Letters</i> , 2015, 42, 4573-4580.	4.0	42
50	Towards a Universal â€œBaselineâ€•Characterisation of Air Masses for High- and Low-Altitude Observing Stations Using Radon-222. <i>Aerosol and Air Quality Research</i> , 2016, 16, 885-899.	2.1	42
51	Global emissions of HFC-143a (CH <sub>3</sub> CF <sub>3</sub> ) and HFC-32 (CH <sub>2</sub> F <sub>2</sub> ) from in situ and air archive atmospheric observations. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9249-9258.	4.9	39
52	The phase-in and phase-out of European emissions of HCFC-141b and HCFC-142b under the Montreal Protocol: Evidence from observations at Mace Head, Ireland and Jungfrauoch, Switzerland from 1994 to 2004. <i>Atmospheric Environment</i> , 2007, 41, 757-767.	4.1	38
53	Perennial observations of molecular hydrogen (H <sub>2</sub> ) at a suburban site in Switzerland. <i>Atmospheric Environment</i> , 2007, 41, 2111-2124.	4.1	38
54	Global and regional emissions of HFC-125 (CHF <sub>2</sub> CF <sub>3</sub> ) from in situ and air archive atmospheric observations at AGAGE and SOGE observatories. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	38

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55	Constraining the carbon tetrachloride (CCl <sub>4</sub> ) budget using its global trend and inter-hemispheric gradient. <i>Geophysical Research Letters</i> , 2014, 41, 5307-5315.	4.0	38
56	Results from the International Halocarbons in Air Comparison Experiment (IHALACE). <i>Atmospheric Measurement Techniques</i> , 2014, 7, 469-490.	3.1	37
57	Continued Emissions of the Ozone-Depleting Substance Carbon Tetrachloride From Eastern Asia. <i>Geophysical Research Letters</i> , 2018, 45, 11423-11430.	4.0	37
58	Atmospheric histories and emissions of chlorofluorocarbons CFC-13 (CClF <sub>3</sub> ), CFC-114 (C <sub>2</sub> Cl <sub>2</sub> F <sub>4</sub> ) and CFC-115 (C <sub>2</sub> ClF <sub>5</sub> ). <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 979-1002.	4.1	37
59	Ambient mixing ratios of atmospheric halogenated compounds at five background stations in China. <i>Atmospheric Environment</i> , 2017, 160, 55-69.	4.1	34
60	Recent Trends in Stratospheric Chlorine From Very Short-Lived Substances. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2318-2335.	3.3	34
61	Hydrocarbon concentrations at the Alpine mountain sites Jungfraujoch and Arosa. <i>Atmospheric Environment</i> , 2005, 39, 1113-1127.	4.1	32
62	Renewed and emerging concerns over the production and emission of ozone-depleting substances. <i>Nature Reviews Earth &amp; Environment</i> , 2020, 1, 251-263.	29.7	32
63	Volatile Organic Compounds in the Po Basin. Part A: Anthropogenic VOCs. <i>Journal of Atmospheric Chemistry</i> , 2005, 51, 271-291.	3.2	31
64	European emissions of the powerful greenhouse gases hydrofluorocarbons inferred from atmospheric measurements and their comparison with annual national reports to UNFCCC. <i>Atmospheric Environment</i> , 2017, 158, 85-97.	4.1	31
65	Global and regional emissions estimates of 1,1-difluoroethane (HFC-152a), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 Td (CH <sub>3</sub> CF <sub>2</sub> ) and air archive observations. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 365-382.	4.9	30
66	Statistical analysis of anthropogenic non-methane VOC variability at a European background location (Jungfraujoch, Switzerland). <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3445-3459.	4.9	29
67	Analysis of 3-year observations of CFC-11, CFC-12 and CFC-113 from a semi-rural site in China. <i>Atmospheric Environment</i> , 2010, 44, 4454-4462.	4.1	29
68	Evidence for under-reported western European emissions of the potent greenhouse gas HFC-23. <i>Geophysical Research Letters</i> , 2011, 38, .	4.0	29
69	A new estimation of the recent tropospheric molecular hydrogen budget using atmospheric observations and variational inversion. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 3375-3392.	4.9	29
70	The determination of a regional atmospheric background mixing ratio for anthropogenic greenhouse gases: A comparison of two independent methods. <i>Atmospheric Environment</i> , 2011, 45, 7396-7405.	4.1	29
71	Measurements of organic trace gases including oxygenated volatile organic compounds at the high alpine site Jungfraujoch (Switzerland): Seasonal variation and source allocations. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	28
72	ACTRIS non-methane hydrocarbon intercomparison experiment in Europe to support WMO GAW and EMEP observation networks. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2715-2736.	3.1	28

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73	Recent increases in the atmospheric growth rate and emissions of HFC-23 (CHF <sub>3</sub> ) and the link to HCFC-22 (CHClF <sub>2</sub> ) production. Atmospheric Chemistry and Physics, 2018, 18, 4153-4169.	4.9	27
74	Volatile Organic Compounds in the Po Basin. Part B: Biogenic VOCs. Journal of Atmospheric Chemistry, 2005, 51, 293-315.	3.2	26
75	Reassessing the variability in atmospheric H <sub>2</sub> using the two-way nested TM5 model. Journal of Geophysical Research D: Atmospheres, 2013, 118, 3764-3780.	3.3	26
76	European Emissions of HFC-365mfc, a Chlorine-Free Substitute for the Foam Blowing Agents HCFC-141b and CFC-11. Environmental Science & Technology, 2007, 41, 1145-1151.	10.0	25
77	Estimates of European emissions of methyl chloroform using a Bayesian inversion method. Atmospheric Chemistry and Physics, 2014, 14, 9755-9770.	4.9	25
78	Emissions of the Refrigerants HFC-134a, HCFC-22, and CFC-12 from Road Traffic: Results from a Tunnel Study (Gubrist Tunnel, Switzerland). Environmental Science & Technology, 2004, 38, 1998-2004.	10.0	24
79	Atmospheric histories and global emissions of halons H <sub>1211</sub> (CBrClF <sub>2</sub> ), H <sub>1301</sub> (CBrF <sub>3</sub> ), and H <sub>2402</sub> (CBrF <sub>2</sub> CBF <sub>2</sub> ). Journal of Geophysical Research D: Atmospheres, 2016, 121, 3663-3686.	3.3	24
80	China's Hydrofluorocarbon Emissions for 2011-2017 Inferred from Atmospheric Measurements. Environmental Science and Technology Letters, 2019, 6, 479-486.	8.7	24
81	Perfluorocyclobutane (PFC-318), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (&i&gt;-C&am	4.9	22
82	in the global atmosphere. Atmospheric Chemistry and Physics, 2019, 19, 10335-10359.		
82	A photochemical modeling study of ozone and formaldehyde generation and budget in the Po basin. Journal of Geophysical Research, 2007, 112, .	3.3	21
83	Emissions of anthropogenic hydrogen to the atmosphere during the potential transition to an increasingly H <sub>2</sub> -intensive economy. International Journal of Hydrogen Energy, 2011, 36, 1122-1135.	7.1	20
84	Adjustment of the wastewater matrix for optimization of membrane systems applied for water reuse in breweries. Journal of Membrane Science, 2014, 465, 68-77.	8.2	20
85	First appearance and rapid growth of anthropogenic HFC-245fa (CHF <sub>2</sub> CH <sub>2</sub> CF <sub>3</sub> ) in the atmosphere. Geophysical Research Letters, 2006, 33, .	4.0	19
86	Ambient measurements of aromatic and oxidized VOCs by PTR-MS and GC-MS: intercomparison between four instruments in a boreal forest in Finland. Atmospheric Measurement Techniques, 2015, 8, 4453-4473.	3.1	19
87	Localization of source regions of selected hydrofluorocarbons combining data collected at two European mountain stations. Science of the Total Environment, 2008, 391, 232-240.	8.0	18
88	THE CLASS OF NONLINEAR STOCHASTIC MODELS AS A BACKGROUND FOR THE BURSTY BEHAVIOR IN FINANCIAL MARKETS. International Journal of Modeling, Simulation, and Scientific Computing, 2012, 15, 1250071.	1.4	18
89	A study of four-year HCFC-22 and HCFC-142b in-situ measurements at the Shangdianzi regional background station in China. Atmospheric Environment, 2012, 63, 43-49.	4.1	18
90	Molecular hydrogen (H <sub>2</sub> ) emissions from gasoline and diesel vehicles. Science of the Total Environment, 2010, 408, 3596-3606.	8.0	17

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91	Evidence of a recent decline in UK emissions of hydrofluorocarbons determined by the InTEM inverse model and atmospheric measurements. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 12739-12755.	4.9	17
92	Atmospheric molecular hydrogen (H <sub>2</sub> ): observations at the high-altitude site Jungfrauoch, Switzerland. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 63, 64.	1.6	16
93	Toward resolving the budget discrepancy of ozone-depleting carbon tetrachloride (CCl <sub>4</sub> ): an analysis of top-down emissions from China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11729-11738.	4.9	16
94	Changes in HCFC Emissions in China During 2011–2017. <i>Geophysical Research Letters</i> , 2019, 46, 10034-10042.	4.0	16
95	Unexpected nascent atmospheric emissions of three ozone-depleting hydrochlorofluorocarbons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
96	Severe Aromatic Hydrocarbon Pollution in the Arctic Town of Longyearbyen (Svalbard) Caused by Snowmobile Emissions. <i>Environmental Science &amp; Technology</i> , 2009, 43, 4791-4795.	10.0	15
97	Optimized approach to retrieve information on atmospheric carbonyl sulfide (OCS) above the Jungfrauoch station and change in its abundance since 1995. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 186, 81-95.	2.3	15
98	Emissions of carbon tetrachloride from Europe. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 12849-12859.	4.9	14
99	Regional Emissions of Anthropogenic Halocarbons Derived from Continuous Measurements of Ambient Air in Switzerland. <i>Chimia</i> , 2003, 57, 522-528.	0.6	13
100	Peroxy radicals in the summer free troposphere: seasonality and potential for heterogeneous loss. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 1989-2006.	4.9	13
101	Molecular hydrogen (H <sub>2</sub> ) combustion emissions and their isotope (D/H) signatures from domestic heaters, diesel vehicle engines, waste incinerator plants, and biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 6275-6289.	4.9	13
102	HFC-43-10 atmospheric abundances and global emission estimates. <i>Geophysical Research Letters</i> , 2014, 41, 2228-2235.	4.0	12
103	First observations, trends, and emissions of $\text{CH}_2\text{ClF}$ in the global atmosphere. <i>Geophysical Research Letters</i> , 2015, 42, 7817-7824.	4.0	12
104	Abrupt reversal in emissions and atmospheric abundance of HCFC-133a (CF <sub>3</sub> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 To	4.0	12
105	Abundance and sources of atmospheric halocarbons in the Eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4069-4092.	4.9	12
106	Dynamic gravimetric preparation of metrologically traceable primary calibration standards for halogenated greenhouse gases. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3351-3372.	3.1	12
107	Global trends and European emissions of tetrafluoromethane (CF <sub>4</sub> ), hexafluoroethane (C <sub>2</sub> F <sub>6</sub> ) and octafluoropropane (C <sub>3</sub> F <sub>8</sub> ). <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2149-2164.	4.9	12
108	Swiss halocarbon emissions for 2019 to 2020 assessed from regional atmospheric observations. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 2447-2466.	4.9	11

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109	Estimating European Halocarbon Emissions Using Lagrangian Backward Transport Modeling and in Situ Measurements at the Jungfrauoch High-Alpine Site. <i>Geophysical Monograph Series</i> , 0, , 207-222.	0.1	10
110	Retrieval of HCFC-142b (CH <sub>3</sub> CClF <sub>2</sub> ) from ground-based high-resolution infrared solar spectra: Atmospheric increase since 1989 and comparison with surface and satellite measurements. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 186, 96-105.	2.3	10
111	Observing the atmospheric evolution of ozone-depleting substances. <i>Comptes Rendus - Geoscience</i> , 2018, 350, 384-392.	1.2	10
112	Growing Atmospheric Emissions of Sulfuryl Fluoride. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034327.	3.3	10
113	An evaluation of the current radiative forcing benefit of the Montreal Protocol at the high-Alpine site Jungfrauoch. <i>Science of the Total Environment</i> , 2008, 391, 217-223.	8.0	8
114	Spectrometric monitoring of atmospheric carbon tetrafluoride (CF <sub>4</sub> ) above the Jungfrauoch station since 1989: evidence of continued increase but at a slowing rate. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 333-344.	3.1	7
115	Long-term evolution and seasonal modulation of methanol above Jungfrauoch (46.5° N, 8.0° E): optimisation of the retrieval strategy, comparison with model simulations and independent observations. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 3861-3872.	3.1	5
116	Comparison of halocarbon measurements in an atmospheric dry whole air sample. <i>Elementa</i> , 2015, 3, .	3.2	5
117	The $\hat{\pm}$ -beauty contest: Choosing numbers, thinking intervals. <i>Games and Economic Behavior</i> , 2008, 64, 470-486.	0.8	4
118	Abundances, emissions, and loss processes of the long-lived and potent greenhouse gas octafluorooxolane (octafluorotetrahydrofuran, C <sub>4</sub> F <sub>8</sub> O) in the atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3481-3492.	4.9	4
119	Atmospheric CH <sub>3</sub> CCl <sub>3</sub> observations in China: Historical trends and implications. <i>Atmospheric Research</i> , 2020, 231, 104658.	4.1	4
120	Automated fragment formula annotation for electron ionisation, high resolution mass spectrometry: application to atmospheric measurements of halocarbons. <i>Journal of Cheminformatics</i> , 2021, 13, 78.	6.1	4
121	Global-Scale Tropospheric Lagrangian Particle Models With Linear Chemistry. <i>Geophysical Monograph Series</i> , 0, , 235-250.	0.1	3
122	Low number concentration of ice nucleating particles in an aged smoke plume. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2018, 144, 1991-1994.	2.7	2
123	Long-term Observations of Atmospheric Halogenated Organic Trace Gases. <i>Chimia</i> , 2020, 74, 136.	0.6	2
124	Tracking New Halogenated Alkenes in the Atmosphere. <i>Chimia</i> , 2016, 70, 365.	0.6	2
125	Price dynamics from a simple multiplicative random process model. <i>European Physical Journal B</i> , 2007, 56, 381-394.	1.5	0
126	Final report on CCQM-P151: Halocarbons in dry whole air. <i>Metrologia</i> , 2014, 51, 08014-08014.	1.2	0