

Franz Rohrer

List of Publications by Year in descending order

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128
papers

7,866
citations

66343

42
h-index

66911

78
g-index

168
all docs

168
docs citations

168
times ranked

4672
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplified Trace Gas Removal in the Troposphere. <i>Science</i> , 2009, 324, 1702-1704.	12.6	550
2	Strong correlation between levels of tropospheric hydroxyl radicals and solar ultraviolet radiation. <i>Nature</i> , 2006, 442, 184-187.	27.8	352
3	Estimations of global no, emissions and their uncertainties. <i>Atmospheric Environment</i> , 1997, 31, 1735-1749.	4.1	285
4	Observation and modelling of OH and HO ₂ concentrations in the Pearl River Delta 2006: a missing OH source in a VOC rich atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1541-1569.	4.9	269
5	Radical chemistry at a rural site (Wangdu) in the North China Plain: observation and model calculations of OH, HO ₂ and RO ₂ radicals. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 663-690.	4.9	239
6	Characterisation of the photolytic HONO-source in the atmosphere simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 2189-2201.	4.9	237
7	Atmospheric OH reactivities in the Pearl River Delta “China in summer 2006: measurement and model results. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11243-11260.	4.9	231
8	Exploring the atmospheric chemistry of nitrous acid (HONO) at a rural site in Southern China. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1497-1513.	4.9	211
9	Isoprene oxidation by nitrate radical: alkyl nitrate and secondary organic aerosol yields. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6685-6703.	4.9	208
10	Detection of HO ₂ by laser-induced fluorescence: calibration and interferences from RO ₂ radicals. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 1209-1225.	3.1	199
11	The tropospheric cycle of H ₂ : a critical review. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 61, 500.	1.6	196
12	Missing OH source in a suburban environment near Beijing: observed and modelled OH and HO ₂ concentrations in summer 2006. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 1057-1080.	4.9	188
13	Wintertime photochemistry in Beijing: observations of RO ₂ radical concentrations in the North China Plain during the BEST-ONE campaign. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12391-12411.	4.9	177
14	Missing Gas-Phase Source of HONO Inferred from Zeppelin Measurements in the Troposphere. <i>Science</i> , 2014, 344, 292-296.	12.6	154
15	Fast Photochemistry in Wintertime Haze: Consequences for Pollution Mitigation Strategies. <i>Environmental Science & Technology</i> , 2019, 53, 10676-10684.	10.0	147
16	Sources and distribution of NO _x in the upper troposphere at northern mid-latitudes. <i>Journal of Geophysical Research</i> , 1992, 97, 3725-3738.	3.3	145
17	Experimental evidence for efficient hydroxyl radical regeneration in isoprene oxidation. <i>Nature Geoscience</i> , 2013, 6, 1023-1026.	12.9	132
18	SOA from limonene: role of NO ₃ in its generation and degradation. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 3879-3894.	4.9	123

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19	Dependence of the OH concentration on solar UV. <i>Journal of Geophysical Research</i> , 2000, 105, 3565-3571.	3.3	115
20	Climatologies of NO _x and NO _y : A comparison of data and models. <i>Atmospheric Environment</i> , 1997, 31, 1851-1904.	4.1	111
21	Maximum efficiency in the hydroxyl-radical-based self-cleansing of the troposphere. <i>Nature Geoscience</i> , 2014, 7, 559-563.	12.9	110
22	Effects of NO ₂ and SO ₂ on the secondary organic aerosol formation from photooxidation of α -pinene and limonene. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1611-1628.	4.9	110
23	A broadband cavity enhanced absorption spectrometer for aircraft measurements of glyoxal, methylglyoxal, nitrous acid, nitrogen dioxide, and water vapor. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 423-440.	3.1	93
24	Experimental budgets of OH, HO ₂ , and RO ₂ radicals and implications for ozone formation in the Pearl River Delta in China 2014. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7129-7150.	4.9	92
25	OH in the coastal boundary layer of Crete during MINOS: Measurements and relationship with ozone photolysis. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 639-649.	4.9	86
26	Free Radicals and Fast Photochemistry during BERLIOZ. <i>Journal of Atmospheric Chemistry</i> , 2002, 42, 359-394.	3.2	85
27	Simulation chamber investigation of the reactions of ozone with short-chain alkenes. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	83
28	Actinometric measurements of NO ₂ photolysis frequencies in the atmosphere simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 493-503.	4.9	82
29	Intercomparison of measurements of NO ₂ concentrations in the atmosphere simulation chamber SAPHIR during the NO ₃ Comp campaign. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 21-37.	3.1	77
30	Intercomparison of Two Hydroxyl Radical Measurement Techniques at the Atmosphere Simulation Chamber SAPHIR. <i>Journal of Atmospheric Chemistry</i> , 2007, 56, 187-205.	3.2	76
31	Comparison of OH concentration measurements by DOAS and LIF during SAPHIR chamber experiments at high OH reactivity and low NO concentration. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 1611-1626.	3.1	75
32	Comparison of OH reactivity measurements in the atmospheric simulation chamber SAPHIR. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 4023-4053.	3.1	74
33	On the use of hydrocarbons for the determination of tropospheric OH concentrations. <i>Journal of Geophysical Research</i> , 1998, 103, 18981-18997.	3.3	70
34	The 193 (and 248) nm photolysis of HN ₃ : Formation and internal energy distributions of the NH ($\tilde{v}''=1$), Tj ETQg 0 0 0 rg BT/Overlocl	3.0	67
35	Study of ozone formation and transatlantic transport from biomass burning emissions over West Africa during the airborne Tropospheric Ozone Campaigns TROPOZ I and TROPOZ II. <i>Journal of Geophysical Research</i> , 1998, 103, 19059-19073.	3.3	67
36	Secondary organic aerosol formation from hydroxyl radical oxidation and ozonolysis of monoterpenes. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 991-1012.	4.9	67

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37	No Evidence for a Significant Impact of Heterogeneous Chemistry on Radical Concentrations in the North China Plain in Summer 2014. <i>Environmental Science & Technology</i> , 2020, 54, 5973-5979.	10.0	67
38	Suppression of new particle formation from monoterpene oxidation by NO ₂ . <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2789-2804.	4.9	63
39	OH reactivity at a rural site (Wangdu) in the North China Plain: contributions from OH reactants and experimental OH budget. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 645-661.	4.9	63
40	Modeling of HCHO and CHOCHO at a semi-rural site in southern China during the PRIDE-PRD2006 campaign. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12291-12305.	4.9	59
41	Comparison of measured OH concentrations with model calculations. <i>Journal of Geophysical Research</i> , 1994, 99, 16633.	3.3	58
42	Generation of NH(a ¹) in the 193 nm photolysis of ammonia. <i>Journal of Chemical Physics</i> , 1987, 86, 2036-2043.	3.0	54
43	Intercomparison of NO ₃ radical detection instruments in the atmosphere simulation chamber SAPHIR. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 1111-1140.	3.1	49
44	Investigation of potential interferences in the detection of atmospheric RO ₂ radicals by laser-induced fluorescence under dark conditions. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1431-1447.	3.1	49
45	Global distribution pattern of anthropogenic nitrogen oxide emissions: Correlation analysis of satellite measurements and model calculations. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	44
46	High static stability in the mixing layer above the extratropical tropopause. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	44
47	Importance of isomerization reactions for OH radical regeneration from the photo-oxidation of isoprene investigated in the atmospheric simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3333-3355.	4.9	44
48	Title is missing!. <i>Journal of Atmospheric Chemistry</i> , 1998, 31, 119-137.	3.2	42
49	Vertical profiles of HDO/H ₂ O in the troposphere. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	40
50	Nighttime observation and chemistry of HO ₂ in the Pearl River Delta and Beijing in summer 2006. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4979-4999.	4.9	40
51	Impact of NO ₂ on secondary organic aerosol (SOA) formation from α -pinene and β -pinene photooxidation: the role of highly oxygenated organic nitrates. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 10125-10147.	4.9	40
52	NH(a ¹) emission from the gas-phase photolysis of HN ₃ . <i>Chemical Physics Letters</i> , 1984, 111, 234-237.	2.6	39
53	HO _x budgets during HO _x Comp: A case study of HO _x chemistry under NO _x -limited conditions. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	38
54	Missing SO ₂ oxidant in the coastal atmosphere? – observations from high-resolution measurements of OH and atmospheric sulfur compounds. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 12209-12223.	4.9	38

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55	OH regeneration from methacrolein oxidation investigated in the atmosphere simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 7895-7908.	4.9	38
56	Kinetic Study of the OH-isoprene and O ₃ -isoprene reaction in the atmosphere simulation chamber, SAPHIR. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	37
57	Evidence for an unidentified non-photochemical ground-level source of formaldehyde in the Po Valley with potential implications for ozone production. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1289-1298.	4.9	36
58	Kinetic study of imidogen(a) by emission. <i>The Journal of Physical Chemistry</i> , 1989, 93, 3170-3174.	2.9	35
59	The global tropospheric distribution of NO _x estimated by a three-dimensional chemical tracer model. <i>Journal of Geophysical Research</i> , 1996, 101, 18587-18604.	3.3	35
60	Two-photon formation of NH/ND(A ₃ ¹) in the 193 nm photolysis of ammonia. I. Mechanism and identification of the intermediate species. <i>Chemical Physics</i> , 1987, 118, 141-152.	1.9	34
61	Excitation mechanism for hydroxyl(A) in the argon fluoride excimer laser photolysis of nitric acid. <i>The Journal of Physical Chemistry</i> , 1986, 90, 1294-1299.	2.9	33
62	Electronic quenching of imidogen(c ¹ PI). <i>The Journal of Physical Chemistry</i> , 1989, 93, 7824-7832.	2.9	33
63	Seasonal variability and trends of volatile organic compounds in the lower polar troposphere. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	33
64	Intercomparison of NO ₂ photolysis frequency measurements by actinic flux spectroradiometry and chemical actinometry during JCOM97. <i>Geophysical Research Letters</i> , 2000, 27, 1115-1118.	4.0	32
65	Twenty years of ambient observations of nitrogen oxides and specified hydrocarbons in air masses dominated by traffic emissions in Germany. <i>Faraday Discussions</i> , 2016, 189, 407-437.	3.2	32
66	Statistical analysis of water vapour and ozone in the UT/LS observed during SPURT and MOZAIC. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 6603-6615.	4.9	30
67	Intercomparison of peroxy radical measurements obtained at atmospheric conditions by laser-induced fluorescence and electron spin resonance spectroscopy. <i>Atmospheric Measurement Techniques</i> , 2009, 2, 55-64.	3.1	30
68	Comparisons of observed and modeled OH and HO ₂ concentrations during the ambient measurement period of the HO _x Comp field campaign. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2567-2585.	4.9	30
69	Highly oxygenated organic molecule (HOM) formation in the isoprene oxidation by NO ₃ radical. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9681-9704.	4.9	30
70	Determination of the excitation mechanism for photofragment emission in the ArF laser photolysis of NH ₃ , N ₂ H ₄ , HNO ₃ and CH ₃ NH ₂ . <i>Chemical Physics Letters</i> , 1985, 116, 374-379.	2.6	29
71	Radiative lifetime of metastable NH(b ¹ Σ ⁺). <i>Chemical Physics Letters</i> , 1984, 107, 347-350.	2.6	28
72	Surface NO and NO ₂ mixing ratios measured between 30°N and 30°S in the Atlantic region. <i>Journal of Atmospheric Chemistry</i> , 1992, 15, 253-267.	3.2	28

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73	Extending water vapor trend observations over Boulder into the tropopause region: Trend uncertainties and resulting radiative forcing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 11269-11284.	3.3	28
74	Collision-induced intersystem crossing $\text{NH}(\tilde{c}^1\tilde{a}^1) \rightarrow \text{NH}(\tilde{A}^3)$. <i>Journal of Chemical Physics</i> , 1987, 86, 226-233.	3.3	27
75	Tritiated water vapor in the stratosphere: Vertical profiles and residence time. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 8-1.	3.3	27
76	Investigation of the α -pinene photooxidation by OH in the atmosphere simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6631-6650.	4.9	27
77	Isotope effect in the formation of H_2 from H_2CO studied at the atmospheric simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 5343-5357.	4.9	25
78	Simulation chamber studies on the NO_3 chemistry of atmospheric aldehydes. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	4.0	24
79	Intercomparison of Hantzsch and fiber-laser-induced-fluorescence formaldehyde measurements. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 1571-1580.	3.1	24
80	Uptake of Water-soluble Gas-phase Oxidation Products Drives Organic Particulate Pollution in Beijing. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091351.	4.0	24
81	Investigation of the oxidation of methyl vinyl ketone (MVK) by OH radicals in the atmospheric simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 8001-8016.	4.9	22
82	Hydroxyl(A) production in the 193-nm photolysis of nitrous acid. <i>The Journal of Physical Chemistry</i> , 1986, 90, 2635-2639.	2.9	21
83	Comparison of N_2O_5 mixing ratios during NO_3 Comp 2007 in SAPHIR. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 2763-2777.	3.1	21
84	Atmospheric photochemistry of aromatic hydrocarbons: OH budgets during SAPHIR chamber experiments. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6941-6952.	4.9	21
85	Actinic Radiation and Photolysis Processes in the Lower Troposphere: Effect of Clouds and Aerosols. <i>Journal of Atmospheric Chemistry</i> , 2002, 42, 413-441.	3.2	20
86	Evaluation of OH and HO_2 concentrations and their budgets during photooxidation of 2-methyl-3-butene-2-ol (MBO) in the atmospheric simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11409-11422.	4.9	20
87	Experimental and theoretical study on the impact of a nitrate group on the chemistry of alkoxy radicals. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5474-5495.	2.8	20
88	Free Radicals and Fast Photochemistry during BERLIOZ. , 2002, , 359-394.		20
89	The passive transport of NO_x emissions from aircraft studied with a hierarchy of models. <i>Atmospheric Environment</i> , 1997, 31, 1783-1799.	4.1	18
90	Concentration and stable carbon isotopic composition of ethane and benzene using a global three-dimensional isotope inclusive chemical tracer model. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	18

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91	Stable carbon isotope ratios of toluene in the boundary layer and the lower free troposphere. Atmospheric Chemistry and Physics, 2013, 13, 11059-11071.	4.9	17
92	Investigation of the α -pinene photooxidation by OH in the atmospheric simulation chamber SAPHIR. Atmospheric Chemistry and Physics, 2019, 19, 11635-11649.	4.9	17
93	Highly Oxygenated Organic Nitrates Formed from NO ₃ Radical-Initiated Oxidation of β -Pinene. Environmental Science & Technology, 2021, 55, 15658-15671.	10.0	17
94	Climate and Weather of the Sun-Earth System (CAWSES). Springer Atmospheric Sciences, 2013, , .	0.3	16
95	Tropospheric mixing ratios of NO obtained during TROPOZ II in the latitude region 67°N-56°S. Journal of Geophysical Research, 1997, 102, 25429-25449.	3.3	15
96	A new plant chamber facility, PLUS, coupled to the atmosphere simulation chamber SAPHIR. Atmospheric Measurement Techniques, 2016, 9, 1247-1259.	3.1	15
97	Gas-Particle Partitioning and SOA Yields of Organonitrate Products from NO ₃ -Initiated Oxidation of Isoprene under Varied Chemical Regimes. ACS Earth and Space Chemistry, 2021, 5, 785-800.	2.7	15
98	On the use of nonmethane hydrocarbons for the determination of age spectra in the lower stratosphere. Journal of Geophysical Research, 2007, 112, .	3.3	14
99	Parameterization of Thermal Properties of Aging Secondary Organic Aerosol Produced by Photo-Oxidation of Selected Terpene Mixtures. Environmental Science & Technology, 2014, 48, 6168-6176.	10.0	14
100	Ambient and laboratory observations of organic ammonium salts in PM ₁ . Faraday Discussions, 2017, 200, 331-351.	3.2	14
101	The IAGOS NO _x instrument "design, operation and first results from deployment aboard passenger aircraft. Atmospheric Measurement Techniques, 2018, 11, 3737-3757.	3.1	14
102	Comparison of formaldehyde measurements by Hantzsch, CRDS and DOAS in the SAPHIR chamber. Atmospheric Measurement Techniques, 2021, 14, 4239-4253.	3.1	14
103	The dependence of soil H ₂ uptake on temperature and moisture: a reanalysis of laboratory data. Tellus, Series B: Chemical and Physical Meteorology, 2022, 63, 1040.	1.6	12
104	Deposition velocity of H ₂ : a new algorithm for its dependence on soil moisture and temperature. Tellus, Series B: Chemical and Physical Meteorology, 2022, 65, 19904.	1.6	12
105	Response to Comment on "Missing gas-phase source of HONO inferred from Zeppelin measurements in the troposphere". Science, 2015, 348, 1326-1326.	12.6	10
106	Evolution of NO ₃ reactivity during the oxidation of isoprene. Atmospheric Chemistry and Physics, 2020, 20, 10459-10475.	4.9	10
107	On the significance of regional trace gas distributions as derived from aircraft campaigns in PEM-West A and B. Journal of Geophysical Research, 1997, 102, 28333-28351.	3.3	9
108	On the decay of stratospheric pollutants: Diagnosing the longest-lived eigenmode. Journal of Geophysical Research, 2004, 109, .	3.3	9

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109	Seasonal variations and profile measurements of photolysis frequencies $J(\text{O}^1\text{D})$ and $J(\text{NO}_2)$ at the ECHO forest field site. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	8
110	A correlation study of high-altitude and midaltitude clouds and galactic cosmic rays by MIPAS-Envisat. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	8
111	Seasonal measurements of OH, NO_x , and $J(\text{O}^1\text{D})$ at Mace Head, Ireland. <i>Geophysical Research Letters</i> , 2013, 40, 1659-1663.	4.0	8
112	The balances of mixing ratios and segregation intensity: a case study from the field (ECHO 2003). <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10333-10362.	4.9	8
113	Characterization of a chemical modulation reactor (CMR) for the measurement of atmospheric concentrations of hydroxyl radicals with a laser-induced fluorescence instrument. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 1851-1877.	3.1	8
114	Atmospheric photooxidation and ozonolysis of β -carene and 3-carene and 3-caronaldehyde: rate constants and product yields. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 12665-12685.	4.9	8
115	Intelligent microcomputer interface for continuous registration and storage of spectra by photon counting. <i>Review of Scientific Instruments</i> , 1984, 55, 375-378.	1.3	6
116	Photooxidation of pinonaldehyde at ambient conditions investigated in the atmospheric simulation chamber SAPHIR. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13701-13719.	4.9	6
117	Global Measurements of Photochemically Active Compounds. , 1994, , 205-222.		4
118	Actinic Radiation and Photolysis Processes in the Lower Troposphere: Effect of Clouds and Aerosols. , 2002, , 413-441.		4
119	Atmospheric photo-oxidation of myrcene: OH reaction rate constant, gas-phase oxidation products and radical budgets. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 16067-16091.	4.9	4
120	Perturbations in UV Laser Photolysis Experiments: Blast Wave Formation. <i>Zeitschrift Fur Physikalische Chemie</i> , 1988, 158, 131-146.	2.8	3
121	Dry deposition of molecular hydrogen in the presence of H_2 production. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 20620.	1.6	3
122	Mixing Ratios and Photostationary State of NO and NO ₂ Observed During the POPCORN Field Campaign at a Rural Site in Germany. , 1998, , 119-137.		3
123	Detection of nitrous acid in the atmospheric simulation chamber SAPHIR using open-path incoherent broadband cavity-enhanced absorption spectroscopy and extractive long-path absorption photometry. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 945-964.	3.1	3
124	Investigation of the limonene photooxidation by OH at different NO concentrations in the atmospheric simulation chamber SAPHIR (Simulation of Atmospheric Photochemistry In a large) <i>Journal of Geophysical Research</i> , 2010, 115, 10333-10362.	4.9	3
125	Does the onset of new particle formation occur in the planetary boundary layer?. , 2013, ,		1
126	The Atmospheric Distribution of NO, O ₃ , CO, and CH ₄ above the North Atlantic Based on the STRATOZ III Flight. , 1993, , 171-187.		1

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127	Air quality observations onboard commercial and targeted Zeppelin flights in Germany – a platform for high-resolution trace-gas and aerosol measurements within the planetary boundary layer. Atmospheric Measurement Techniques, 2022, 15, 3827-3842.	3.1	1
128	Do Galactic Cosmic Rays Impact the Cirrus Cloud Cover?. Springer Atmospheric Sciences, 2013, , 79-87.	0.3	0