List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Halogens and their role in polar boundary-layer ozone depletion. Atmospheric Chemistry and Physics, 2007, 7, 4375-4418.	4.9	593
2	An overview of snow photochemistry: evidence, mechanisms and impacts. Atmospheric Chemistry and Physics, 2007, 7, 4329-4373.	4.9	554
3	Development of a detailed chemical mechanism (MCMv3.1) for the atmospheric oxidation of aromatic hydrocarbons. Atmospheric Chemistry and Physics, 2005, 5, 641-664.	4.9	442
4	Extensive halogen-mediated ozone destruction over the tropical Atlantic Ocean. Nature, 2008, 453, 1232-1235.	27.8	432
5	Tropospheric OH and HO2 radicals: field measurements and model comparisons. Chemical Society Reviews, 2012, 41, 6348.	38.1	416
6	Measurement of OH and HO2 in the Troposphere. Chemical Reviews, 2003, 103, 5163-5198.	47.7	393
7	Accelerated chemistry in the reaction between the hydroxyl radical and methanol at interstellar temperatures facilitated by tunnelling. Nature Chemistry, 2013, 5, 745-749.	13.6	223
8	On the photochemical production of new particles in the coastal boundary layer. Geophysical Research Letters, 1999, 26, 1707-1710.	4.0	197
9	Quantifying the magnitude of a missing hydroxyl radical source in a tropical rainforest. Atmospheric Chemistry and Physics, 2011, 11, 7223-7233.	4.9	195
10	The chemistry of OH and HO <sub>2</sub> radicals in the boundary layer over the tropical Atlantic Ocean. Atmospheric Chemistry and Physics, 2010, 10, 1555-1576.	4.9	156
11	Direct evidence for a substantive reaction between the Criegee intermediate, CH <sub>2</sub> OO, and the water vapour dimer. Physical Chemistry Chemical Physics, 2015, 17, 4859-4863.	2.8	155
12	On the vertical distribution of boundary layer halogens over coastal Antarctica: implications for O <sub>3</sub> , HO <sub>x</sub> , NO <sub>x</sub> and the Hg lifetime. Atmospheric Chemistry and Physics, 2008, 8, 887-900.	4.9	153
13	Free radical modelling studies during the UK TORCH Campaign in Summer 2003. Atmospheric Chemistry and Physics, 2007, 7, 167-181.	4.9	151
14	OH and HO2 radical chemistry in a forested region of north-western Greece. Atmospheric Environment, 2001, 35, 4725-4737.	4.1	149
15	Simulating atmospheric composition over a South-East Asian tropical rainforest: performance of a chemistry box model. Atmospheric Chemistry and Physics, 2010, 10, 279-298.	4.9	132
16	Overview: oxidant and particle photochemical processes above a south-east Asian tropical rainforest (the OP3 project): introduction, rationale, location characteristics and tools. Atmospheric Chemistry and Physics, 2010, 10, 169-199.	4.9	130
17	Modeling OH, HO2, and RO2radicals in the marine boundary layer: 1. Model construction and comparison with field measurements. Journal of Geophysical Research, 1999, 104, 30241-30255.	3.3	126
18	lodine-mediated coastal particle formation: an overview of the Reactive Halogens in the Marine Boundary Layer (RHaMBLe) Roscoff coastal study. Atmospheric Chemistry and Physics, 2010, 10, 2975-2999.	4.9	125

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19	Ozone photochemistry and elevated isoprene during the UK heatwave of august 2003. Atmospheric Environment, 2006, 40, 7598-7613.	4.1	122
20	Impact of halogen monoxide chemistry upon boundary layer OH and HO2concentrations at a coastal site. Geophysical Research Letters, 2005, 32, .	4.0	113
21	Measurement and modelling of air pollution and atmospheric chemistry in the U.K. West Midlands conurbation: Overview of the PUMA Consortium project. Science of the Total Environment, 2006, 360, 5-25.	8.0	109
22	The oxidative capacity of the troposphere: Coupling of field measurements of OH and a global chemistry transport model. Faraday Discussions, 2005, 130, 425.	3.2	108
23	Meteorology, Air Quality, and Health in London: The ClearfLo Project. Bulletin of the American Meteorological Society, 2015, 96, 779-804.	3.3	105
24	Implementation and initial deployment of a field instrument for measurement of OH and HO2 in the troposphere by laser-induced fluorescence. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 2907-2913.	1.7	99
25	Photolysis frequency measurement techniques: results of a comparison within the ACCENT project. Atmospheric Chemistry and Physics, 2008, 8, 5373-5391.	4.9	99
26	Detailed budget analysis of HONO in central London reveals a missing daytime source. Atmospheric Chemistry and Physics, 2016, 16, 2747-2764.	4.9	98
27	Seasonal characteristics of tropical marine boundary layer air measured at the Cape Verde Atmospheric Observatory. Journal of Atmospheric Chemistry, 2010, 67, 87-140.	3.2	97
28	Introduction to the special issue "In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)― Atmospheric Chemistry and Physics, 2019, 19, 7519-7546.	4.9	95
29	High levels of the hydroxyl radical in the winter urban troposphere. Geophysical Research Letters, 2004, 31, .	4.0	94
30	OH and HO <sub>2</sub> chemistry in clean marine air during SOAPEX-2. Atmospheric Chemistry and Physics, 2004, 4, 839-856.	4.9	92
31	Concentrations of OH and HO <sub>2</sub> radicals during NAMBLEX: measurements and steady state analysis. Atmospheric Chemistry and Physics, 2006, 6, 1435-1453.	4.9	91
32	lsoprene oxidation mechanisms: measurements and modelling of OH and HO <sub>2</sub> over a South-East Asian tropical rainforest during the OP3 field campaign. Atmospheric Chemistry and Physics, 2011, 11, 6749-6771.	4.9	88
33	Production of peroxy radicals at night via reactions of ozone and the nitrate radical in the marine boundary layer. Journal of Geophysical Research, 2001, 106, 12669-12687.	3.3	87
34	Theoretical and Experimental Investigation of the Dynamics of the Production of CO from the CH3 + O and CD3 + O Reactions. Journal of Physical Chemistry A, 2001, 105, 8361-8369.	2.5	87
35	DMS and MSA measurements in the Antarctic Boundary Layer: impact of BrO on MSA production. Atmospheric Chemistry and Physics, 2008, 8, 2985-2997.	4.9	87
36	Absorption cross-section measurements of water vapour and oxygen at 185 nm. Implications for the calibration of field instruments to measure OH, HO2and RO2radicals. Geophysical Research Letters, 2000, 27, 1651-1654.	4.0	82

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37	Urban Atmospheric Chemistry During the PUMA Campaign 1: Comparison of Modelled OH and HO2 Concentrations with Measurements. Journal of Atmospheric Chemistry, 2005, 52, 143-164.	3.2	82
38	OH and HO <sub>2</sub> chemistry during NAMBLEX: roles of oxygenates, halogen oxides and heterogeneous uptake. Atmospheric Chemistry and Physics, 2006, 6, 1135-1153.	4.9	82
39	LIF measurements in methane/air flames of radicals important in prompt-NO formation. Combustion and Flame, 1992, 88, 137-148.	5.2	80
40	Impacts of HO <sub>x</sub> regeneration and recycling in the oxidation of isoprene: Consequences for the composition of past, present and future atmospheres. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	78
41	Reporting the sensitivity of laser-induced fluorescence instruments used for HO <sub>2</sub> detection to an interference from RO <sub>2</sub> radicals and introducing a novel approach that enables HO <sub>2</sub> and certain RO <sub>2</sub>	3.1	77
42	Evidence of reactively measured. Atmospheric Measurement Techniques, 2013, 6, 3425-3440. Evidence of reactive iodine chemistry in the Arctic boundary layer. Journal of Geophysical Research, 2010, 115, .	3.3	76
43	The first UK measurements of nitryl chloride using a chemical ionization mass spectrometer in central London in the summer of 2012, and an investigation of the role of Cl atom oxidation. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5638-5657.	3.3	76
44	The Essential Role for Laboratory Studies in Atmospheric Chemistry. Environmental Science & Technology, 2017, 51, 2519-2528.	10.0	75
45	Comparison of OH reactivity measurements in the atmospheric simulation chamber SAPHIR. Atmospheric Measurement Techniques, 2017, 10, 4023-4053.	3.1	74
46	Chemistry of the Antarctic Boundary Layer and the Interface with Snow: an overview of the CHABLIS campaign. Atmospheric Chemistry and Physics, 2008, 8, 3789-3803.	4.9	73
47	A flow-tube based laser-induced fluorescence instrument to measure OH reactivity in the troposphere. Atmospheric Measurement Techniques, 2009, 2, 465-477.	3.1	73
48	Measurements of OH and HO <sub>2</sub> yields from the gas phase ozonolysis of isoprene. Atmospheric Chemistry and Physics, 2010, 10, 1441-1459.	4.9	73
49	OH reactivity in a South East Asian tropical rainforest during the Oxidant and Particle Photochemical Processes (OP3) project. Atmospheric Chemistry and Physics, 2013, 13, 9497-9514.	4.9	73
50	Atmospheric OH reactivity in central London: observations, model predictions and estimates of in situ ozone production. Atmospheric Chemistry and Physics, 2016, 16, 2109-2122.	4.9	73
51	Peroxy radical chemistry and the control of ozone photochemistry at Mace Head, Ireland during the summer of 2002. Atmospheric Chemistry and Physics, 2006, 6, 2193-2214.	4.9	70
52	Chemical composition observed over the mid-Atlantic and the detection of pollution signatures far from source regions. Journal of Geophysical Research, 2007, 112, .	3.3	70
53	Observations of OH and HO <sub>2</sub> radicals in coastal Antarctica. Atmospheric Chemistry and Physics, 2007, 7, 4171-4185.	4.9	69
54	Low Temperature Kinetics of the CH <sub>3</sub> OH + OH Reaction. Journal of Physical Chemistry A, 2014, 118, 2693-2701.	2.5	68

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55	Kinetics of reactions of C2H radical with acetylene, O2, methylacetylene, and allene in a pulsed Laval nozzle apparatus at T=103K. Chemical Physics Letters, 2001, 344, 317-324.	2.6	66
56	Study of Acetone Photodissociation over the Wavelength Range 248â^'330 nm:Â Evidence of a Mechanism Involving Both the Singlet and Triplet Excited Statesâ€. Journal of Physical Chemistry A, 2006, 110, 6742-6756.	2.5	66
57	Comment on "Atmospheric Hydroxyl Radical Production from Electronically Excited NO <sub>2</sub> and H <sub>2</sub> O". Science, 2009, 324, 336-336.	12.6	66
58	Reactive Halogens in the Marine Boundary Layer (RHaMBLe): the tropical North Atlantic experiments. Atmospheric Chemistry and Physics, 2010, 10, 1031-1055.	4.9	66
59	Significant OH production under surface cleaning and air cleaning conditions: Impact on indoor air quality. Indoor Air, 2017, 27, 1091-1100.	4.3	66
60	The North Atlantic Marine Boundary Layer Experiment(NAMBLEX). Overview of the campaign held at Mace Head, Ireland, in summer 2002. Atmospheric Chemistry and Physics, 2006, 6, 2241-2272.	4.9	65
61	Rotational level dependence of predissociation in the v'=3 level of OH A 2Σ+. Journal of Chemical Physics, 1992, 96, 4366-4371.	3.0	64
62	Understanding in situ ozone production in the summertime through radical observations and modelling studies during the Clean air for London project (ClearfLo). Atmospheric Chemistry and Physics, 2018, 18, 2547-2571.	4.9	64
63	Evaluating the sensitivity of radical chemistry and ozone formation to ambient VOCs and NO <sub><i>x</i></sub> in Beijing. Atmospheric Chemistry and Physics, 2021, 21, 2125-2147.	4.9	64
64	Elevated levels of OH observed in haze events during wintertime in central Beijing. Atmospheric Chemistry and Physics, 2020, 20, 14847-14871.	4.9	62
65	Detection of iodine monoxide radicals in the marine boundary layer using laser induced fluorescence spectroscopy. Journal of Atmospheric Chemistry, 2007, 58, 19-39.	3.2	61
66	Laser induced fluorescence studies of the reactions of O(1D2) with N2, O2, N2O, CH4, H2, CO2, Ar, Kr and n-C4H10. Physical Chemistry Chemical Physics, 2004, 6, 2162.	2.8	59
67	Pressure and temperature-dependent quantum yields for the photodissociation of acetone between 279 and 327.5 nm. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	59
68	Observations of OH and HO <sub>2</sub> radicals over West Africa. Atmospheric Chemistry and Physics, 2010, 10, 8783-8801.	4.9	59
69	HO <sub>x</sub> observations over West Africa during AMMA: impact of isoprene and NO <sub>x</sub> . Atmospheric Chemistry and Physics, 2010, 10, 9415-9429.	4.9	59
70	OH formation from CH3CO+O2: a convenient experimental marker for the acetyl radical. Chemical Physics Letters, 2002, 365, 374-379.	2.6	57
71	Kinetics of C2H radical reactions with ethene, propene and 1-butene measured in a pulsed Laval nozzle apparatus at T=103 and 296 K. Chemical Physics Letters, 2001, 348, 21-26.	2.6	56
72	Coupling of HO <sub>x</sub> , NO <sub>x</sub> and halogen chemistry in the antarctic boundary layer. Atmospheric Chemistry and Physics, 2010, 10, 10187-10209.	4.9	56

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73	Eastern Atlantic Spring Experiment 1997 (EASE97) 2. Comparisons of model concentrations of OH, HO2, and RO2with measurements. Journal of Geophysical Research, 2002, 107, ACH 5-1.	3.3	55
74	Measurements of OH and HO2concentrations in the Southern Ocean marine boundary layer. Journal of Geophysical Research, 2003, 108, .	3.3	54
75	Pulsed Laval nozzle study of the kinetics of OH with unsaturated hydrocarbons at very low temperatures. Physical Chemistry Chemical Physics, 2008, 10, 422-437.	2.8	54
76	A combined experimental and theoretical study of reactions between the hydroxyl radical and oxygenated hydrocarbons relevant to astrochemical environments. Physical Chemistry Chemical Physics, 2014, 16, 3466-3478.	2.8	54
77	The Reaction of CH <sub>3</sub> O <sub>2</sub> Radicals with OH Radicals: A Neglected Sink for CH <sub>3</sub> O <sub>2</sub> in the Remote Atmosphere. Environmental Science & CH <sub>2</sub> 2014, 48, 7700-7701.	10.0	54
78	OH and HO2 measurements in a forested region of north-western Greece. Atmospheric Environment, 2001, 35, 4713-4724.	4.1	53
79	Measurements of uptake coefficients for heterogeneous loss of HO2 onto submicron inorganic salt aerosols. Physical Chemistry Chemical Physics, 2013, 15, 12829.	2.8	53
80	Photolysis of methylethyl, diethyl and methylvinyl ketones and their role in the atmospheric HOx budget. Faraday Discussions, 2005, 130, 73.	3.2	52
81	Observation of a large negative temperature dependence for rate coefficients of reactions of OH with oxygenated volatile organic compounds studied at 86–112 K. Physical Chemistry Chemical Physics, 2010, 12, 13511.	2.8	51
82	The Reaction between CH <sub>3</sub> O <sub>2</sub> and OH Radicals: Product Yields and Atmospheric Implications. Environmental Science & Technology, 2017, 51, 2170-2177.	10.0	51
83	Collisional quenching of OH(A2Σ+, v′=0) by H2O between 211 and 294 K and the development of a unified model for quenching. Chemical Physics Letters, 1999, 302, 132-138.	2.6	50
84	DOAS measurements of formaldehyde and glyoxal above a south-east Asian tropical rainforest. Atmospheric Chemistry and Physics, 2012, 12, 5949-5962.	4.9	49
85	Novel measurements of atmospheric iodine species by resonance fluorescence. Journal of Atmospheric Chemistry, 2008, 60, 51-70.	3.2	47
86	Design of and initial results from a Highly Instrumented Reactor for Atmospheric Chemistry (HIRAC). Atmospheric Chemistry and Physics, 2007, 7, 5371-5390.	4.9	46
87	Direct measurements of OH and other product yields from the HO <sub>2</sub> + CH <sub>3</sub> C(O)O <sub>2</sub> reaction. Atmospheric Chemistry and Physics_2016_16_4023-4042	4.9	46
88	Measurements of Rate Coefficients for Reactions of OH with Ethanol and Propan-2-ol at Very Low Temperatures. Journal of Physical Chemistry A, 2015, 119, 7130-7137.	2.5	45
89	A combined experimental and theoretical study of the reaction between methylglyoxal and OH/OD radical: OH regeneration. Physical Chemistry Chemical Physics, 2007, 9, 4114.	2.8	44
90	Title is missing!. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 2921-2927.	1.7	43

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91	ATMOSPHERIC FIELD MEASUREMENTS OF THE HYDROXYL RADICAL USING LASER-INDUCED FLUORESCENCE SPECTROSCOPY. Annual Review of Physical Chemistry, 2006, 57, 191-216.	10.8	43
92	A Multidimensional Study of the Reaction CH <sub>2</sub> I+O <sub>2</sub> : Products and Atmospheric Implications. ChemPhysChem, 2010, 11, 3928-3941.	2.1	43
93	Photodissociation of acetone: Atmospheric implications of temperature-dependent quantum yields. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	42
94	Determination of the temperature and pressure dependence of the reaction OH + C2H4from 200–400 K using experimental and master equation analyses. Physical Chemistry Chemical Physics, 2006, 8, 5633-5642.	2.8	42
95	Seasonal observations of OH and HO <sub>2</sub> in the remote tropical marine boundary layer. Atmospheric Chemistry and Physics, 2012, 12, 2149-2172.	4.9	42
96	Radical chemistry at night: comparisons between observed and modelled HO <sub>x</sub> , NO <sub>3</sub> and N <sub>2</sub> O <sub>5</sub> during the RONOCO project. Atmospheric Chemistry and Physics, 2014, 14, 1299-1321.	4.9	42
97	Eastern Atlantic Spring Experiment 1997 (EASE97) 1. Measurements of OH and HO2concentrations at Mace Head, Ireland. Journal of Geophysical Research, 2002, 107, ACH 3-1-ACH 3-15.	3.3	41
98	Hydroxyl radical and ozone measurements in England during the solar eclipse of 11 August 1999. Geophysical Research Letters, 2000, 27, 3437-3440.	4.0	40
99	OH yields from the CH3CO+O2 reaction using an internal standard. Chemical Physics Letters, 2007, 445, 108-112.	2.6	40
100	Collisional quenching of OH (A2Σ+, ′=0) by N2, O2 and CO2 between 204 and 294 K. Implications for atmospheric measurements of OH by laser-induced fluorescence. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 2915-2920.	1.7	39
101	An analysis of rapid increases in condensation nuclei concentrations at a remote coastal site in western Ireland. Journal of Geophysical Research, 1999, 104, 13771-13780.	3.3	39
102	Quenching of OH (A2Σ+, ′=0) by several collision partners between 200 and 344 K. Cross-section measurements and model comparisons. Physical Chemistry Chemical Physics, 2000, 2, 67-72.	2.8	38
103	Low-Temperature Kinetics of Reactions of the OH Radical with Propene and 1-Butene Studied by a Pulsed Laval Nozzle Apparatus Combined with Laser-Induced Fluorescence. Journal of Physical Chemistry A, 2001, 105, 7889-7895.	2.5	38
104	Application of a compact all solid-state laser system to the in situ detection of atmospheric OH, HO2, NO and IO by laser-induced fluorescence. Journal of Environmental Monitoring, 2003, 5, 21-28.	2.1	38
105	Measurement and calculation of OH reactivity at a United Kingdom coastal site. Journal of Atmospheric Chemistry, 2009, 64, 53-76.	3.2	38
106	Photo-tautomerization of acetaldehyde as a photochemical source of formic acid in the troposphere. Nature Communications, 2018, 9, 2584.	12.8	38
107	The atmospheric chemistry of trace gases and particulate matter emitted by different land uses in Borneo. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 3177-3195.	4.0	36
108	Measurements of the HO <sub>2</sub> Uptake Coefficients onto Single Component Organic Aerosols. Environmental Science & Technology, 2015, 49, 4878-4885.	10.0	36

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110Validation of the calibration of a laser-induced fluorescence instrument for the measurement of OH4.96.9111The importance of OH radeals/Chantal law temperature turnelling reactions in interstellar clouds1.78.0112Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing.4.98.0113Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing.4.98.0114Kinetic Chemistry and Physics, 2005, 113, 2243-2254.9.09.0115Recontains for emmonal of CH(D)(M- 0 and 1) by collisions with N2 CCO, 02, No and NO2-27 298 Kand with CO2-27 205 a 824711K aCPV 893, Journal of the Chemical Society, Faraday Transactions, 1996, 92, 2235-2241, 1.79.0114Kinetic Study of the OH - Clyoxal Reaction: Experimental Evidence and Quantification of Direct OH2.69.0115Time recolved pulsed FIR emission studies of atom-radical reactions: Product chemiluminescence9.09.0116Photochemical Impacts of haze pollution in an urban environment. Atmospheric Chemistry and9.09.0117Chelsonal quenching of A1E+ NO and A2I <sup>2</sup> CH in low pressure flames. Chemical Physics Letters, 1991.9.09.0118Fast photomultiplier tube gating system for photon counting applications. Review of Scientific9.09.0119Uptake of HO&ampltsub&ampgt radicals onto Arizona test dust particles using aerosol flow ubsc. Atmospheric Chemistry and Physics, 2016, 16, 16, 19, 209.09.0110Iptake of HO&ampltsub&ampgt babbaampgt; radicals onto Arizona test dust particles using aerosol fl	109	Rapid Acceleration of Hydrogen Atom Abstraction Reactions of OH at Very Low Temperatures through Weakly Bound Complexes and Tunneling. Accounts of Chemical Research, 2018, 51, 2620-2627.	15.6	36
111The Importance of OH tadicalse" neutral low temperature tunnelling reactions in interstellar clouds1735112Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing.4.935113Rate constants for removal of CHD)(M2= 0 and 1) by collisions with N2_CO, O2, NO and NO2st 298 K and with CO2st 296 Ab/TIK ABD/S 873. journal of the Chemical Society, Faraday Transactions, 1996, 92, 2335-2341. 1734114Recting, Journal of Physical Chemistry A 2013, 117, 11027-11037.2.634115Time-resolved pulsed PH exists and studies of atom-rafical reactions: Product chemiluminescence3.6116Photochemical impacts of hase pollution in an urban environment. Atmospheric Chemistry and4.932117Collisional queenching of A 21F: NO and A 21 <sup>°</sup> CH in low pressure flames. Chemical Physics Letters, 1991,2.631118Fast photomultiplier tube gating system for photon counting applications. Review of Scientific1.331119Uptake of HO&amplitzub&ampgt22amplitzub&ampgt1: radicals onto Arizona test dut particles using anstruments, 1998, 69, 4068-4073.4.92.9120The effect of viscosity and diffusion on the HO&amplitzubAampgt1: SubAampgt1: Supprise, 2016, 16, 54.92.8121Instruments, 1996, 69, 4068-4073.4.92.8122Instruments, 1998, 69, 4068-4073.4.92.8123Instruments, 1998, 69, 4068-4073.4.92.8124Interferonmeter userfor time-resolved FTR emission spectroscopy. Measurement Science4.92.8125Interferonmeter userfor	110	Validation of the calibration of a laser-induced fluorescence instrument for the measurement of OH radicals in the atmosphere. Atmospheric Chemistry and Physics, 2004, 4, 571-583.	4.9	35
112Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing.4.935113Rete constants for removal of CH(D)(M2- 0 and 1) by collisions with N2, CO, O2, NO and NO221298 K and with CO221296 409/371K a09/s 873, Journal of the Chemical Society, Faraday Transactions, 1996, 92, 23355231.734114Kinetic Study of the OH + Clyozal Reaction: Experimental Evidence and Quantification of Direct OH Recycling. Journal of Physical Chemistry A, 2013, 117, 1102711037.2.634115Immersolved pulsed TIR emission studies of atom-radical reactions: Product chemilitminescence from the O(39)-CF2(K) F1A1) reaction. Chemical Physics Letters, 1989, 158, 167-171.2.632116Photochemical Impacts of haze pollution in an urban environment. Atmospheric Chemistry and Physics, 2019, 19, 969999714.3.631117Collisional quenching of A 21× NO and A 21° CH in low pressure flames. Chemistry and Physics Letters, 1991, sci S 335 517.3.631116Fast photomultiplier tube gating system for photon counting applications. Review of Scientific in an erosol flow tube. Atmospheric Chemistry and Physics, 2014, 14, 7397 7408.3.932117Refer of HOSampylt; sub&ampygt sub&ampygt uptabe by in 355 13047.3.93232118Fast photomultiplier tube gating system for photon counting applications. Review of Scientific in an erosol flow tube. Atmospheric Chemistry and Physics, 2016, 16.3.932117Signification on the HO&ampylt sub&ampygt sub&ampygt uptabe by in 355 13047.4.93.632118Rest photomultiplier tube, satistive to volatile organic compounds i	111	The importance of OH radical–neutral low temperature tunnelling reactions in interstellar clouds using a new model. Molecular Physics, 2015, 113, 2243-2254.	1.7	35
113Rate constants for removal of CH(D)(Hy= 0 and 1) by collisions with N2, CO, O2, NO and NO2at 298 K and with CO2at 296 & 0/FTIK & 0/F 873. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 2335-2341, 1794114Kinetic Study of the OH + Clyosal Reaction: Experimental Evidence and Quantification of Direct OH2.534115Time resolved pulsed TTR emission studies of atom radical reactions: Product chemiluminescence from the O(3P)-CP2(X) TA1) reaction. Chemical Physics Letters, 1989, 158, 167-171.2.631116Photochemical impacts of haze pollution in an urban environment. Atmospheric Chemistry and Physics, 2019, 19, 9699-9714.2.631117Collisional quenching of A 215+ NO and A 21° CH in low pressure flames. Chemical Physics Letters, 1991.2.631118Instruments, 1998, 69, 4068-4073.31119Uprake of HoRampitsub&ampgt: Zampit; radicals onto Arizona test dust particles using 	112	Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing. Atmospheric Chemistry and Physics, 2020, 20, 7531-7552.	4.9	35
114Kinetic Study of the OH + Clyoxal Reaction: Experimental Evidence and Quantification of Direct OH2.534116Innereceolved pulsed FIIR mission studies of atom-radical reactions: Product chemilluminescence2.633116Photochemical impacts of haze pollution in an urban environment. Atmospheric Chemistry and4.932117Collisional quenching of A 21£+ NO and A 21° CH in low pressure flames. Chemical Physics Letters, 1991,2.631118Fast photomultiplier tube gating system for photon counting applications. Review of Scientific1.331119Uptake of HO&amplt sub&ampgt 2&amplt sub&ampgt radicals onto Arizona test dust particles using an aerosol flow tube. Atmospheric Chemistry and Physics, 2014, 14, 7397.7408.4.92.8119Interfect of viscosity and diffusion on the HO&amplt sub&ampgt Z&amplt sub&ampgt Z&amplt sub&ampgt Z&amplt sub&ampgt S&amplt sub&ampgt S&amplt sub&ampgt J&amplt sub&am	113	Rate constants for removal of CH(D)( $\hat{l}$ /2= 0 and 1) by collisions with N2, CO, O2, NO and NO2at 298 K and with CO2at 296 $\hat{a}$ ©1/2T/K $\hat{a}$ ©1/2 873. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 2335-2341.	. 1.7	34
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