

William J Bloss

List of Publications by Year in descending order

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160
papers

7,591
citations

38552

50
h-index

70222

77
g-index

232
all docs

232
docs citations

232
times ranked

8657
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a detailed chemical mechanism (MCMv3.1) for the atmospheric oxidation of aromatic hydrocarbons. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 641-664.	5.0	454
2	Sources and processes affecting concentrations of PM10 and PM2.5 particulate matter in Birmingham (U.K.). <i>Atmospheric Environment</i> , 1997, 31, 4103-4117.	4.2	284
3	Pyroptosis: a new paradigm of cell death for fighting against cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 153.	8.9	274
4	Abrupt but smaller than expected changes in surface air quality attributable to COVID-19 lockdowns. <i>Science Advances</i> , 2021, 7, .	10.9	244
5	On the vertical distribution of boundary layer halogens over coastal Antarctica: implications for O ₃ , HO _x , NO _x and the Hg lifetime. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 887-900.	5.0	154
6	Free radical modelling studies during the UK TORCH Campaign in Summer 2003. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 167-181.	5.0	152
7	Sildenafil reverses cardiac dysfunction in the mdx mouse model of Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19079-19083.	7.6	150
8	Source apportionment of fine and coarse particles at a roadside and urban background site in London during the 2012 summer ClearLo campaign. <i>Environmental Pollution</i> , 2017, 220, 766-778.	7.7	132
9	Iodine-mediated coastal particle formation: an overview of the Reactive Halogens in the Marine Boundary Layer (RHAMBLe) Roscoff coastal study. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 2975-2999.	5.0	128
10	Atmospheric chemistry and physics in the atmosphere of a developed megacity (London): an overview of the REPARTEE experiment and its conclusions. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3065-3114.	5.0	128
11	New directions: Air pollution challenges for developing megacities like Delhi. <i>Atmospheric Environment</i> , 2015, 122, 657-661.	4.2	123
12	Distribution of gaseous and particulate organic composition during dark α -pinene ozonolysis. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 2893-2917.	5.0	122
13	Kinetics of stabilised Criegee intermediates derived from alkene ozonolysis: reactions with SO ₂ , H ₂ O and decomposition under boundary layer conditions. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 4076-4088.	2.9	120
14	Four-year assessment of ambient particulate matter and trace gases in the Delhi-NCR region of India. <i>Sustainable Cities and Society</i> , 2020, 54, 102003.	10.6	119
15	NO ₃ radical production from the reaction between the Criegee intermediate CH ₂ OO and NO ₂ . <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 17070.	2.9	117
16	Impact of halogen monoxide chemistry upon boundary layer OH and HO ₂ concentrations at a coastal site. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	113
17	The oxidative capacity of the troposphere: Coupling of field measurements of OH and a global chemistry transport model. <i>Faraday Discussions</i> , 2005, 130, 425.	3.7	111
18	Kinetics and Products of the IO Self-Reaction. <i>Journal of Physical Chemistry A</i> , 2001, 105, 7840-7854.	2.6	107

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19	Meteorology, Air Quality, and Health in London: The ClearLo Project. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 779-804.	5.5	105
20	Photolysis frequency measurement techniques: results of a comparison within the ACCENT project. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 5373-5391.	5.0	100
21	Coupling dynamics and chemistry in the air pollution modelling of street canyons: A review. <i>Environmental Pollution</i> , 2016, 214, 690-704.	7.7	100
22	Introduction to the special issue "In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)". <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7519-7546.	5.0	97
23	Concentrations of OH and HO ₂ radicals during NAMBLEX: measurements and steady state analysis. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 1435-1453.	5.0	92
24	Total radical yields from tropospheric ethene ozonolysis. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 11002.	2.9	92
25	60 years of UK visibility measurements: impact of meteorology and atmospheric pollutants on visibility. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2085-2101.	5.0	92
26	Error-weighted maximum likelihood (EWML): a new statistically based method to cluster quantitative micropaleontological data. <i>Journal of Paleontology</i> , 1993, 67, 475-486.	1.0	89
27	DMS and MSA measurements in the Antarctic Boundary Layer: impact of BrO on MSA production. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 2985-2997.	5.0	89
28	Rapamycin Upregulates Autophagy by Inhibiting the mTOR-ULK1 Pathway, Resulting in Reduced Podocyte Injury. <i>PLoS ONE</i> , 2013, 8, e63799.	2.5	88
29	A magnetar-powered X-ray transient as the aftermath of a binary neutron-star merger. <i>Nature</i> , 2019, 568, 198-201.	36.2	85
30	OH and HO ₂ chemistry during NAMBLEX: roles of oxygenates, halogen oxides and heterogeneous uptake. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 1135-1153.	5.0	83
31	Theoretical study of the reactions of Criegee intermediates with ozone, alkylhydroperoxides, and carbon monoxide. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 23847-23858.	2.9	82
32	Sources and contributions of wood smoke during winter in London: assessing local and regional influences. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3149-3171.	5.0	81
33	Role of the cytoskeleton in signaling networks. <i>Journal of Cell Science</i> , 2004, 117, 2769-2775.	2.1	76
34	OIO and the atmospheric cycle of iodine. <i>Geophysical Research Letters</i> , 1999, 26, 1857-1860.	4.0	74
35	Chemistry of the Antarctic Boundary Layer and the Interface with Snow: an overview of the CHABLIS campaign. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 3789-3803.	5.0	74
36	Modelling the dispersion and transport of reactive pollutants in a deep urban street canyon: Using large-eddy simulation. <i>Environmental Pollution</i> , 2015, 200, 42-52.	7.7	73

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37	Evaluating the sensitivity of radical chemistry and ozone formation to ambient VOCs and NO _x in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 2125-2147.	5.0	73
38	Observations of OH and HO ₂ radicals in coastal Antarctica. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 4171-4185.	5.0	71
39	Peroxy radical chemistry and the control of ozone photochemistry at Mace Head, Ireland during the summer of 2002. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 2193-2214.	5.0	70
40	Elevated levels of OH observed in haze events during wintertime in central Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14847-14871.	5.0	70
41	Do teachers have more health problems? Results from a French cross-sectional survey. <i>BMC Public Health</i> , 2006, 6, 101.	3.0	69
42	Effect of aerosol composition on the performance of low-cost optical particle counter correction factors. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1181-1193.	3.1	68
43	Global impact of nitrate photolysis in sea-salt aerosol on NO _x , OH, and O ₃ in the marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11185-11203.	5.0	67
44	Night-time chemistry above London: measurements of NO ₃ and N ₂ O ₅ from the BT Tower. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9781-9795.	5.0	66
45	The North Atlantic Marine Boundary Layer Experiment (NAMBLEX). Overview of the campaign held at Mace Head, Ireland, in summer 2002. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 2241-2272.	5.0	65
46	Detection of iodine monoxide radicals in the marine boundary layer using laser induced fluorescence spectroscopy. <i>Journal of Atmospheric Chemistry</i> , 2007, 58, 19-39.	3.2	62
47	Atmospheric isoprene ozonolysis: impacts of stabilised Criegee intermediate reactions with SO ₂ , H ₂ O and dimethyl sulfide. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 9521-9536.	5.0	62
48	Coupling of HO _x , NO _x and halogen chemistry in the antarctic boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10187-10209.	5.0	58
49	Kinetics of the ClO Self-Reaction and 210 nm Absorption Cross Section of the ClO Dimer. <i>Journal of Physical Chemistry A</i> , 2001, 105, 11226-11239.	2.6	57
50	Validity and limitations of simple reaction kinetics to calculate concentrations of organic compounds from ion counts in PTR-MS. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6193-6208.	3.1	57
51	Urban street canyons: Coupling dynamics, chemistry and within-canyon chemical processing of emissions. <i>Atmospheric Environment</i> , 2013, 68, 127-142.	4.2	51
52	Evidence for renoxification in the tropical marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4081-4092.	5.0	50
53	Intercomparison of nitrous acid (HONO) measurement techniques in a megacity (Beijing). <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6449-6463.	3.1	50
54	Novel measurements of atmospheric iodine species by resonance fluorescence. <i>Journal of Atmospheric Chemistry</i> , 2008, 60, 51-70.	3.2	48

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55	The trends in total energy, macronutrients and sodium intake among Japanese: findings from the 1995–2016 National Health and Nutrition Survey. <i>British Journal of Nutrition</i> , 2018, 120, 424-434.	2.7	48
56	Atmospheric conditions and composition that influence PM _{2.5} oxidative potential in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 5549-5573.	5.0	48
57	Design of and initial results from a Highly Instrumented Reactor for Atmospheric Chemistry (HIRAC). <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 5371-5390.	5.0	46
58	Effects of halogens on European air-quality. <i>Faraday Discussions</i> , 2017, 200, 75-100.	3.7	46
59	Evaluation of EDAR vehicle emissions remote sensing technology. <i>Science of the Total Environment</i> , 2017, 609, 1464-1474.	8.2	46
60	AtChem (version 1), an open-source box model for the Master Chemical Mechanism. <i>Geoscientific Model Development</i> , 2020, 13, 169-183.	3.7	45
61	A Multidimensional Study of the Reaction CH ₂ +O ₂ : Products and Atmospheric Implications. <i>ChemPhysChem</i> , 2010, 11, 3928-3941.	2.3	43
62	Molecular profiles of EGFR, K-ras, c-met, and FGFR in pulmonary pleomorphic carcinoma, a rare lung malignancy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2011, 137, 1203-1211.	2.6	43
63	Insights into the Formation and Evolution of Individual Compounds in the Particulate Phase during Aromatic Photo-Oxidation. <i>Environmental Science & Technology</i> , 2015, 49, 13168-13178.	10.5	43
64	Rapid rise in premature mortality due to anthropogenic air pollution in fast-growing tropical cities from 2005 to 2018. <i>Science Advances</i> , 2022, 8, eabm4435.	10.9	43
65	In situ ozone production is highly sensitive to volatile organic compounds in Delhi, India. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13609-13630.	5.0	42
66	Large eddy simulation of reactive pollutants in a deep urban street canyon: Coupling dynamics with O ₃ -NO-VOC chemistry. <i>Environmental Pollution</i> , 2017, 224, 171-184.	7.7	41
67	Adult Height in 24 Patients Treated for Growth Hormone Deficiency and Early Puberty ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 229-233.	3.6	40
68	Radical Product Yields from the Ozonolysis of Short Chain Alkenes under Atmospheric Boundary Layer Conditions. <i>Journal of Physical Chemistry A</i> , 2013, 117, 12468-12483.	2.6	40
69	Application of a compact all solid-state laser system to the in situ detection of atmospheric OH, HO ₂ , NO and IO by laser-induced fluorescence. <i>Journal of Environmental Monitoring</i> , 2003, 5, 21-28.	2.1	39
70	The atmospheric impacts of monoterpene ozonolysis on global stabilised Criegee intermediate budgets and SO ₂ oxidation: experiment, theory and modelling. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6095-6120.	5.0	38
71	Nitrous acid (HONO) emissions under real-world driving conditions from vehicles in a UK road tunnel. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5231-5248.	5.0	38
72	Long-term trends in air quality in major cities in the UK and India: a view from space. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6275-6296.	5.0	37

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73	Summertime NO _x measurements during the CHABLIS campaign: can source and sink estimates unravel observed diurnal cycles?. Atmospheric Chemistry and Physics, 2012, 12, 989-1002.	5.0	36
74	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.	5.0	35
75	Extensive field evidence for the release of HONO from the photolysis of nitrate aerosols. Science Advances, 2023, 9, .	10.9	34
76	Communicating the value of atmospheric services. Meteorological Applications, 2010, 17, 243-250.	2.2	32
77	Chemical source profiles of fine particles for five different sources in Delhi. Chemosphere, 2021, 274, 129913.	8.4	29
78	Night-time radical chemistry during the NAMBLEX campaign. Atmospheric Chemistry and Physics, 2007, 7, 587-598.	5.0	28
79	Iodine monoxide at a clean marine coastal site: observations of high frequency variations and inhomogeneous distributions. Atmospheric Chemistry and Physics, 2011, 11, 6721-6733.	5.0	28
80	Rate coefficient for the BrO + HO ₂ reaction at 298 K. Physical Chemistry Chemical Physics, 2002, 4, 3639-3647.	2.9	27
81	Alkyl nitrate photochemistry during the tropospheric organic chemistry experiment. Atmospheric Environment, 2010, 44, 773-785.	4.2	27
82	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. Atmospheric Chemistry and Physics, 2013, 13, 8991-9019.	5.0	27
83	Kinetics and Products of the IO + BrO Reaction. Journal of Physical Chemistry A, 2001, 105, 7855-7864.	2.6	26
84	What are the odds of anxiety disorders running in families? A family study of anxiety disorders in mothers, fathers, and siblings of children with anxiety disorders. European Child and Adolescent Psychiatry, 2018, 27, 615-624.	5.1	26
85	Investigation of vehicle cold start primary NO ₂ emissions inferred from ambient monitoring data in the UK and their implications for urban air quality. Atmospheric Environment, 2019, 199, 402-414.	4.2	26
86	Measurement and interpretation of gas phase formaldehyde concentrations obtained during the CHABLIS campaign in coastal Antarctica. Atmospheric Chemistry and Physics, 2008, 8, 4085-4093.	5.0	23
87	Characterizing the marine Natura 2000 network for the Atlantic region. Aquatic Conservation: Marine and Freshwater Ecosystems, 2008, 18, 86-97.	1.8	22
88	Evaluating chromosomal damage in workers exposed to hexavalent chromium and the modulating role of polymorphisms of DNA repair genes. International Archives of Occupational and Environmental Health, 2012, 85, 473-481.	2.5	22
89	On the interpretation of in situ HONO observations via photochemical steady state. Faraday Discussions, 2016, 189, 191-212.	3.7	22
90	Measurements of iodine monoxide at a semi polluted coastal location. Atmospheric Chemistry and Physics, 2010, 10, 3645-3663.	5.0	20

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91	Modelling segregation effects of heterogeneous emissions on ozone levels in idealised urban street canyons: Using photochemical box models. <i>Environmental Pollution</i> , 2014, 188, 132-143.	7.7	18
92	Evaluating the real changes of air quality due to clean air actions using a machine learning technique: Results from 12 Chinese mega-cities during 2013â€“2020. <i>Chemosphere</i> , 2022, 300, 134608.	8.4	18
93	HONO measurement by differential photolysis. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 2483-2495.	3.1	17
94	Enhanced wintertime oxidation of VOCs via sustained radical sources in the urban atmosphere. <i>Environmental Pollution</i> , 2021, 274, 116563.	7.7	16
95	Remember, remember the 5th ofâ€“November; gunpowder, particles and smog. <i>Weather</i> , 2015, 70, 320-324.	0.8	15
96	Size-dependent chemical ageing of oleic acid aerosol under dry and humidified conditions. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15561-15579.	5.0	15
97	Quantification of within-vehicle exposure to NOx and particles: Variation with outside air quality, route choice and ventilation options. <i>Atmospheric Environment</i> , 2020, 240, 117810.	4.2	15
98	Impacts of emergency health protection measures upon air quality, traffic and public health: evidence from Oxford, UK. <i>Environmental Pollution</i> , 2022, 293, 118584.	7.7	15
99	Is the ocean surface a source of nitrous acid (HONO) in the marine boundary layer?. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 18213-18225.	5.0	15
100	Projection of North Atlantic Oscillation and its effect on tracer transport. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15581-15592.	5.0	14
101	Secondary organic aerosol formation and composition from the photo-oxidation of methyl chavicol (estragole). <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 5349-5368.	5.0	13
102	Reduced prevalence of placental malaria in primiparae with blood group O. <i>Malaria Journal</i> , 2014, 13, 289.	2.2	12
103	Modelling photochemical pollutants in a deep urban street canyon: Application of a coupled two-box model approximation. <i>Atmospheric Environment</i> , 2016, 143, 86-107.	4.2	12
104	Surfaceâ€“atmosphere exchange of inorganic water-soluble gases and associated ions in bulk aerosol above agricultural grassland pre- and postfertilisation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16953-16978.	5.0	12
105	Using Task Farming to Optimise a Street-Scale Resolution Air Quality Model of the West Midlands (UK). <i>Atmosphere</i> , 2021, 12, 983.	2.3	12
106	Modelling the Impact of National vs. Local Emission Reduction on PM2.5 in the West Midlands, UK Using WRF-CMAQ. <i>Atmosphere</i> , 2022, 13, 377.	2.3	12
107	Mapping gas-phase organic reactivity and concomitant secondary organic aerosol formation: chemometric dimension reduction techniques for the deconvolution of complex atmospheric data sets. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8077-8100.	5.0	11
108	Soluble β -klotho downregulates Orai1-mediated store-operated Ca^{2+} entry via PI3K-dependent signaling. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 647-658.	2.8	11

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109	A retrospective study of risk factors for stress urinary incontinence 1 year after delivery in multiparous women. <i>International Urogynecology Journal</i> , 2022, 33, 2275-2281.	1.4	11
110	Interference from alkenes in chemiluminescent NO ₂ measurements. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 5977-5991.	3.1	11
111	Implications of regional surface ozone increases on visibility degradation in southeast China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 64, 19625.	1.6	10
112	Insights into air pollution chemistry and sulphate formation from nitrous acid (HONO) measurements during haze events in Beijing. <i>Faraday Discussions</i> , 2021, 226, 223-238.	3.7	10
113	Suppression of anthropogenic secondary organic aerosol formation by isoprene. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	6.9	10
114	Impact of HO ₂ aerosol uptake on radical levels and O ₃ production during summertime in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 5679-5697.	5.0	10
115	High pressure synthesis and crystal structure of a ternary superconductor Ca ₂ Al ₃ Si ₄ containing layer structured calcium sub-network isomorphous with black phosphorus. <i>Journal of Solid State Chemistry</i> , 2013, 198, 445-451.	3.0	9
116	Synthesis and Anticancer Activity of Structure Simplified Naturally Inspired Dimeric Chromenone Derivatives. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6917-6929.	2.5	9
117	Measurement report: Interpretation of wide-range particulate matter size distributions in Delhi. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5415-5433.	5.0	9
118	Field Calibration and Evaluation of an Internet-of-Things-Based Particulate Matter Sensor. <i>Frontiers in Environmental Science</i> , 2022, 9, .	3.3	8
119	Impacts of net zero policies on air quality in a metropolitan area of the United Kingdom: Towards world health organization air quality guidelines. <i>Environmental Research</i> , 2023, 236, 116704.	7.7	8
120	Modelling atmospheric composition in urban street canyons. <i>Weather</i> , 2011, 66, 106-110.	0.8	7
121	Pharmacokinetics of a Fixed-Dose Combination of Mitiglinide and Metformin versus Concurrent Administration of Individual Formulations in Healthy Subjects. <i>Clinical Drug Investigation</i> , 2012, 32, 799-804.	2.2	7
122	Who Benefits From Gerontological Curriculum Enrichment? A Comparison of BSW and MSW Student Outcomes. <i>Journal of Baccalaureate Social Work: Sharing Knowledge, Ideas and Research To Promote</i> , 2008, 13, 17-33.	0.2	7
123	Pastoral power in HIV prevention: Converging rationalities of care in Christian and medical practices in Papua New Guinea. <i>Social Science and Medicine</i> , 2017, 193, 51-58.	4.0	6
124	A-Priori Calibration of a Structured Light Underwater 3D Sensor. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 635.	2.7	6
125	Technological Change in Dairy Farming with Increased Price Volatility. <i>Journal of Agricultural Economics</i> , 2021, 72, 564-588.	3.6	6
126	Particulate matter in a lockdown home: evaluation, calibration, results and health risk from an IoT enabled low-cost sensor network for residential air quality monitoring. <i>Environmental Science Atmospheres</i> , 2023, 3, 65-84.	2.1	6

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127	Observations of speciated isoprene nitrates in Beijing: implications for isoprene chemistry. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6315-6330.	5.0	5
128	Seasonal variation in nitryl chloride and its relation to gas-phase precursors during the JULIAC campaign in Germany. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 13137-13152.	5.0	5
129	A nocturnal atmospheric loss of CH ₂ I ₂ in the remote marine boundary layer. <i>Journal of Atmospheric Chemistry</i> , 2017, 74, 145-156.	3.2	4
130	An instrument for in situ measurement of total ozone reactivity. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1655-1670.	3.1	4
131	Transgenic <i>Hyoscyamus muticus</i> (Egyptian henbane). <i>Biotechnology in Agriculture and Forestry</i> , 2001, , 171-200.	0.0	4
132	Radical chemistry and ozone production at a UK coastal receptor site. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 14393-14424.	5.0	4
133	The Dramatic Haemostatic Effect of Covered Self-expandable Metallic Stents for Duodenal and Biliary Bleeding. <i>Internal Medicine</i> , 2021, 60, 883-889.	0.7	3
134	Escore de condiç�o corporal em ovinos visando a sua efici�ncia reprodutiva e produtiva. <i>Pubvet</i> , 2011, 5, .	0.0	3
135	Chemical characteristics and source apportionment of particulate matter (PM _{2.5}) in Dammam, Saudi Arabia: Impact of dust storms. <i>Atmospheric Environment: X</i> , 2022, 14, 100164.	1.5	3
136	Exposures to Particles and Volatile Organic Compounds across Multiple Transportation Modes. <i>Sustainability</i> , 2023, 15, 4005.	3.3	3
137	BRUCELLOSIS CONTROL IN LIGHTLY INFECTED AREAS. <i>Australian Veterinary Journal</i> , 1953, 29, 284-287.	1.0	2
138	Urban case studies: general discussion. <i>Faraday Discussions</i> , 2016, 189, 473-514.	3.7	2
139	Experimental chemical budgets of OH, HO ₂ , and RO ₂ radicals in rural air in western Germany during the JULIAC campaign 2019. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 2003-2033.	5.0	2
140	Chemical complexity of the urban atmosphere and its consequences: general discussion. <i>Faraday Discussions</i> , 2016, 189, 137-167.	3.7	1
141	Insights into HONO sources from observations during a solar eclipse. <i>Environmental Science Atmospheres</i> , 2021, 1, 395-405.	2.1	1
142	Inatividade f�sica no deslocamento para a escola e fatores associados em adolescentes de uma cidade do Sul do Brasil. <i>Revista Brasileira De Educaç�o F�sica E Esporte: RBEFE</i> , 2020, 34, 123-132.	0.1	1
143	Caring for older adults in a Nursing Wellness Centre. <i>Elderly Care</i> , 1987, 7, 15-18.	0.1	1
144	Evaluating Actions to Improve Air Quality at University Hospitals Birmingham NHS Foundation Trust. <i>Sustainability</i> , 2022, 14, 11128.	3.3	1

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145	Factors Influencing the Formation of Nitrous Acid from Photolysis of Particulate Nitrate. Journal of Physical Chemistry A, 0, , .	2.6	1
146	Predicting real-time within-vehicle air pollution exposure with mass-balance and machine learning approaches using on-road and air quality data. Atmospheric Environment, 2024, 318, 120233.	4.2	1
147	FrAG: A Framework for the Analysis of Games. , 2023, , .		1
148	A case of a destructive lesion of sphenoidal sinus. Indian Journal of Otolaryngology, 2002, 54, 146-7.	0.1	0
149	Another view on gravity. Physics World, 2011, 24, 20-20.	0.0	0
150	Timescales of mixing and of chemistry: general discussion. Faraday Discussions, 2016, 189, 253-276.	3.7	0
151	Using routing apps to model real-time road traffic emissions. Weather, 2020, 75, 341-346.	0.8	0
152	The Splitting of Herakles. , 2020, , 15-38.		0
153	Análise das práticas de controles contábeis dos microempreendedores de Food trucks. Research, Society and Development, 2020, 9, e135973871.	0.1	0
154	Cardiovascular risk factors and brain white matter lesions in HTLV-1-associated Amyelopathy/tropical spastic paraparesis (HAM/TSP). Journal of NeuroVirology, 2022, , 1.	2.1	0
155	Ethical Considerations in the Consultancy and Advisory Process. , 2010, , 51-67.		0
156	The association of pain impact and sleep disruption with opioid withdrawal during opioid use disorder treatment. British Journal of Clinical Pharmacology, 2024, 90, 1408-1417.	2.3	0
157	Regional impact assessment of air quality improvement: The air quality lifecourse assessment tool (AQ-LAT) for the West Midlands combined authority (WMCA) area. Environmental Pollution, 2024, , 123871.	7.7	0
158	ESTRATÉGIAS PARA PROMOÇÃO DA EDUCAÇÃO FINANCEIRA NO ENSINO MÉDIO: UM RELATO DE EXPERIÊNCIA. Revista Políticas Públicas & Cidades, 2024, 13, e745.	0.0	0
159	The impact of multi-decadal changes in VOC speciation on urban ozone chemistry: a case study in Birmingham, United Kingdom. Atmospheric Chemistry and Physics, 2024, 24, 6219-6231.	5.0	0
160	Unveiling the impact of three-dimensional (3D) technology on rhinoplasty: a systematic review and meta-analysis. Facial Plastic Surgery, 0, , .	1.1	0