

Peter Brimblecombe

List of Publications by Year in descending order

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249
papers

10,616
citations

38660

50
h-index

40881

93
g-index

268
all docs

268
docs citations

268
times ranked

8143
citing authors

#	ARTICLE	IF	CITATIONS
1	Ozone pollution in China: A review of concentrations, meteorological influences, chemical precursors, and effects. <i>Science of the Total Environment</i> , 2017, 575, 1582-1596.	3.9	1,069
2	Thermodynamic Model of the System $H+NH_4+SO_4+NO_3+H_2O$ at Tropospheric Temperatures. <i>Journal of Physical Chemistry A</i> , 1998, 102, 2137-2154.	1.1	695
3	Thermodynamic Model of the System $H+NH_4+Na+SO_4+NO_3+Cl+H_2O$ at 298.15 K. <i>Journal of Physical Chemistry A</i> , 1998, 102, 2155-2171.	1.1	505
4	Stratospheric aerosol growth and HNO_3 gas phase depletion from coupled HNO_3 and water uptake by liquid particles. <i>Geophysical Research Letters</i> , 1994, 21, 2479-2482.	1.5	346
5	Thermodynamics of multicomponent, miscible, ionic solutions. Mixtures including unsymmetrical electrolytes. <i>The Journal of Physical Chemistry</i> , 1992, 96, 9470-9479.	2.9	297
6	A Thermodynamic Model of the System $HCl-HNO_3-H_2SO_4-H_2O$, Including Solubilities of HBr , from <200 to 328 K. <i>The Journal of Physical Chemistry</i> , 1995, 99, 11557-11574.	2.9	275
7	Photo-oxidation of dimethylsulphide in aqueous solution. <i>Marine Chemistry</i> , 1986, 19, 343-353.	0.9	253
8	Thermodynamic modelling of aqueous aerosols containing electrolytes and dissolved organic compounds. <i>Journal of Aerosol Science</i> , 2001, 32, 713-738.	1.8	241
9	Iron and sulfur in the pre-biologic ocean. <i>Precambrian Research</i> , 1985, 28, 205-222.	1.2	181
10	Mapping the impact of climate change on surface recession of carbonate buildings in Europe. <i>Science of the Total Environment</i> , 2009, 407, 2039-2050.	3.9	171
11	Predicting long term freeze-thaw risks on Europe built heritage and archaeological sites in a changing climate. <i>Science of the Total Environment</i> , 2007, 377, 273-281.	3.9	164
12	Historical evidence for a dramatic increase in the nitrate component of acid rain. <i>Nature</i> , 1982, 298, 460-462.	13.7	155
13	Catalytic property of Fe-Al pillared clay for Fenton oxidation of phenol by H_2O_2 . <i>Applied Catalysis B: Environmental</i> , 2009, 85, 201-206.	10.8	149
14	Application of a Multicomponent Thermodynamic Model to Activities and Thermal Properties of 0-40 mol kg ⁻¹ Aqueous Sulfuric Acid from <200 to 328 K. <i>Journal of Chemical & Engineering Data</i> , 1995, 40, 43-64.	1.0	140
15	The solubility and behaviour of acid gases in the marine aerosol. <i>Journal of Atmospheric Chemistry</i> , 1988, 7, 1-18.	1.4	134
16	Indoor air quality at the Correr Museum, Venice, Italy. <i>Science of the Total Environment</i> , 1999, 236, 135-152.	3.9	132
17	A global observational analysis to understand changes in air quality during exceptionally low anthropogenic emission conditions. <i>Environment International</i> , 2021, 157, 106818.	4.8	126
18	Role of vegetation in deposition and dispersion of air pollution in urban parks. <i>Atmospheric Environment</i> , 2019, 201, 73-83.	1.9	124

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19	Equilibrium partial pressures and mean activity and osmotic coefficients of 0-100% nitric acid as a function of temperature. <i>The Journal of Physical Chemistry</i> , 1990, 94, 5369-5380.	2.9	121
20	Color changes in architectural limestones from pollution and cleaning. <i>Color Research and Application</i> , 2007, 32, 320-331.	0.8	119
21	Preferential elution of strong acids from a Norwegian ice cap. <i>Nature</i> , 1982, 300, 161-163.	13.7	104
22	The composition of museum atmospheres. <i>Atmospheric Environment Part B Urban Atmosphere</i> , 1990, 24, 1-8.	0.5	102
23	Surfactants in Atmospheric Aerosols. <i>Environmental Science & Technology</i> , 2004, 38, 6501-6506.	4.6	101
24	Climatology of salt transitions and implications for stone weathering. <i>Science of the Total Environment</i> , 2011, 409, 2577-2585.	3.9	98
25	Aesthetic thresholds and blackening of stone buildings. <i>Science of the Total Environment</i> , 2005, 349, 175-189.	3.9	92
26	A chronology of global air quality. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190314.	1.6	87
27	Sea Storms in the Adriatic Sea and the Western Mediterranean during the Last Millennium. <i>Climatic Change</i> , 2000, 46, 209-223.	1.7	86
28	Equilibrium Partial Pressures, Thermodynamic Properties of Aqueous and Solid Phases, and Cl ₂ Production from Aqueous HCl and HNO ₃ and Their Mixtures. <i>Journal of Physical Chemistry A</i> , 1999, 103, 4209-4226.	1.1	85
29	Dew and guttation: formation and environmental significance. <i>Agricultural and Forest Meteorology</i> , 1994, 67, 173-190.	1.9	82
30	Millennium-long damage to building materials in London. <i>Science of the Total Environment</i> , 2009, 407, 1354-1361.	3.9	77
31	Thermodynamic Properties of Aqueous Aerosols to High Supersaturation: A Model of the System Na ⁺ Cl ⁻ NO ₃ ⁻ SO ₂ ⁻ 4H ₂ O at 298.15 K. <i>Aerosol Science and Technology</i> , 1997, 27, 345-366.	1.5	74
32	Black acidic snow in the remote Scottish Highlands. <i>Nature</i> , 1984, 312, 58-61.	13.7	73
33	Heterogeneity of passenger exposure to air pollutants in public transport microenvironments. <i>Atmospheric Environment</i> , 2015, 109, 42-51.	1.9	71
34	Observations of the preferential loss of major ions from melting snow and laboratory ice. <i>Water Research</i> , 1987, 21, 1279-1286.	5.3	67
35	The Elution of Ions Through Field and Laboratory Snowpacks. <i>Annals of Glaciology</i> , 1985, 7, 196-201.	2.8	66
36	Thermodynamic Properties of Aqueous (NH ₄) ₂ SO ₄ to High Supersaturation as a Function of Temperature. <i>Journal of Chemical & Engineering Data</i> , 1995, 40, 1079-1090.	1.0	64

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37	Photodegradation of haloacetic acids in water. <i>Chemosphere</i> , 2004, 55, 467-476.	4.2	64
38	Carbon in Black Crusts from the Tower of London. <i>Environmental Science & Technology</i> , 2007, 41, 4199-4204.	4.6	64
39	Environmental Pressures on Building Design and Manchester's John Rylands Library. <i>Journal of Design History</i> , 2000, 13, 175-191.	0.0	63
40	Anthropogenic contributions to global carbonyl sulfide, carbon disulfide and organosulfides fluxes. <i>Earth-Science Reviews</i> , 2016, 160, 1-18.	4.0	62
41	Solubilities of pyruvic acid and the lower (C1-C6) carboxylic acids. Experimental determination of equilibrium vapour pressures above pure aqueous and salt solutions. <i>Journal of Atmospheric Chemistry</i> , 1995, 22, 285-302.	1.4	61
42	Methanesulphonic acid, dimethyl sulphoxide and dimethyl sulphone in aerosols. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 353-359.	1.3	59
43	Potential Trace Metal-Organic Complexation in the Atmosphere. <i>Scientific World Journal</i> , The, 2002, 2, 767-786.	0.8	59
44	Thermodynamic Properties of Aqueous Aerosols to High Supersaturation: Measurements of Water Activity of the System Na+Cl-NO3-SO2-H2O at ~ 298.15 K. <i>Aerosol Science and Technology</i> , 1997, 27, 324-344.	1.5	58
45	Evaluation of diesel fleet emissions and control policies from plume chasing measurements of on-road vehicles. <i>Atmospheric Environment</i> , 2015, 122, 171-182.	1.9	57
46	Wet removal of highly soluble gases. <i>Journal of Atmospheric Chemistry</i> , 1984, 2, 95-107.	1.4	55
47	Kinetics of reactions in solutions containing monochloramine and bromide. <i>Water Research</i> , 1989, 23, 1049-1058.	5.3	53
48	Solubility of HOCl in water and aqueous H2SO4 to stratospheric temperatures. <i>Journal of Atmospheric Chemistry</i> , 1995, 21, 81-95.	1.4	52
49	Aesthetics of Simulated Soiling Patterns on Architecture. <i>Environmental Science & Technology</i> , 2004, 38, 3971-3976.	4.6	51
50	The impact of future climate on historic interiors. <i>Science of the Total Environment</i> , 2012, 417-418, 248-254.	3.9	50
51	Dimethylsulphide oxidation in the ocean. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1989, 36, 577-585.	1.6	49
52	Long-term changes in climate and insect damage in historic houses. <i>Studies in Conservation</i> , 2013, 58, 13-22.	0.6	49
53	Trees and parks as "the lungs of cities". <i>Urban Forestry and Urban Greening</i> , 2020, 48, 126552.	2.3	49
54	Rate of hypobromite formation in chlorinated seawater. <i>Water Research</i> , 1986, 20, 865-870.	5.3	48

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55	Predicting twenty-first century recession of architectural limestone in European cities. <i>Environmental Geology</i> , 2008, 56, 455-461.	1.2	48
56	Morphology and chemical properties of polypropylene pellets degraded in simulated terrestrial and marine environments. <i>Marine Pollution Bulletin</i> , 2019, 149, 110626.	2.3	46
57	Carbon dioxide, ammonia and the origin of life. <i>Nature</i> , 1981, 291, 213-215.	13.7	44
58	Long-term deposit at Rothamsted, southern England. <i>Tellus</i> , 1980, 32, 261-267.	0.4	43
59	The solubility and activity coefficient of oxygen in salt solutions and brines. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 3315-3328.	1.6	41
60	Effect of long-term changes in air pollution and climate on the decay and blackening of European stone buildings. <i>Geological Society Special Publication</i> , 2007, 271, 117-130.	0.8	40
61	"Dew" as a sink for sulphur dioxide. <i>Tellus</i> , 1978, 30, 151-157.	0.4	39
62	The Henry's Law Constants of the Haloacetic Acids. <i>Journal of Atmospheric Chemistry</i> , 1998, 29, 85-107.	1.4	39
63	The Clean Air Act after 50 years. <i>Weather</i> , 2006, 61, 311-314.	0.6	39
64	Through-tunnel estimates of vehicle fleet emission factors. <i>Atmospheric Environment</i> , 2015, 123, 180-189.	1.9	39
65	Textural, surface and chemical properties of polyvinyl chloride particles degraded in a simulated environment. <i>Marine Pollution Bulletin</i> , 2018, 133, 392-401.	2.3	39
66	Thermodynamics of halobacterial environments. <i>Canadian Journal of Microbiology</i> , 1981, 27, 899-909.	0.8	38
67	Dispersion of traffic derived air pollutants into urban parks. <i>Science of the Total Environment</i> , 2018, 622-623, 576-583.	3.9	37
68	Acidity of Scottish rainfall influenced by climatic change. <i>Nature</i> , 1986, 322, 359-361.	13.7	36
69	The Big Smoke: A History of Air Pollution in London since Medieval Times. <i>Technology and Culture</i> , 1989, 30, 155.	0.0	36
70	Comment on the "Thermodynamic Dissociation Constant of the Bisulfate Ion from Raman and Ion Interaction Modeling Studies of Aqueous Sulfuric Acid at Low Temperatures". <i>Journal of Physical Chemistry A</i> , 2005, 109, 2703-2706.	1.1	36
71	Refining climate change threats to heritage. <i>Journal of the Institute of Conservation</i> , 2014, 37, 85-93.	0.2	34
72	Tree distribution, morphology and modelled air pollution in urban parks of Hong Kong. <i>Journal of Environmental Management</i> , 2019, 248, 109304.	3.8	34

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73	The difficulties of abating smoke in late Victorian York. Atmospheric Environment Part B Urban Atmosphere, 1990, 24, 49-55.	0.5	33
74	Equilibrium Vapor Pressure of H ₂ O above Aqueous H ₂ SO ₄ at Low Temperature. Journal of Chemical & Engineering Data, 1996, 41, 765-778.	1.0	33
75	Formaldehyde Oxidation and Lead Corrosion. Studies in Conservation, 2000, 45, 226-232.	0.6	33
76	Air Pollution and Architecture: Past, Present and Future. Journal of Architectural Conservation, 2000, 6, 30-46.	0.1	33
77	Millennium-long recession of limestone facades in London. Environmental Geology, 2008, 56, 463-471.	1.2	33
78	Henry's law constants of low molecular weight (<130) organic acids. Journal of Aerosol Science, 1992, 23, 897-900.	1.8	31
79	Preventing salt damage in porous materials. Studies in Conservation, 1994, 39, 90-93.	0.6	31
80	Air Pollution and Health History. , 1999, , 5-18.		31
81	The Distribution of Soiling by Coarse Particulate Matter in the Museum Environment. Indoor Air, 2001, 11, 232-240.	2.0	30
82	Future thermohygro-metric climate within historic houses. Journal of Cultural Heritage, 2012, 13, 1-6.	1.5	30
83	Source contributions and mass loadings for chemicals of emerging concern: Chemometric application of pharmaco-signature in different aquatic systems. Environmental Pollution, 2016, 208, 79-86.	3.7	28
84	Surfactants in South East Asian Aerosols. Environmental Chemistry, 2005, 2, 198.	0.7	27
85	Regulatory effects on particulate pollution in the early hours of Chinese New Year, 2015. Environmental Monitoring and Assessment, 2017, 189, 467.	1.3	27
86	Urban park layout and exposure to traffic-derived air pollutants. Landscape and Urban Planning, 2020, 194, 103682.	3.4	27
87	The composition of acidic meltwaters during snowmelt in the Scottish Highlands. Water, Air, and Soil Pollution, 1987, 36, 75-90.	1.1	26
88	The Henry's Law Constant of Trichloroacetic Acid. Water, Air, and Soil Pollution, 1998, 101, 197-215.	1.1	26
89	Air quality indexing. International Journal of Environment and Pollution, 2009, 36, 305.	0.2	26
90	The effect of uric acid on outdoor copper and bronze. Science of the Total Environment, 2009, 407, 2383-2389.	3.9	26

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91	The partition of manganese into aragonite between 30 and 60Å° C. <i>Chemical Geology</i> , 1977, 19, 145-151.	1.4	25
92	The Henry's law constant of dimethyl sulphoxide. <i>Environmental Technology Letters</i> , 1987, 8, 483-486.	0.4	25
93	A generalised multicomponent thermodynamic model applied to the (NH ₄) ₂ SO ₄ -H ₂ SO ₄ -H ₂ O system to high supersaturation and low relative humidity at 298.15 K. <i>Journal of Aerosol Science</i> , 1995, 26, 19-38.	1.8	25
94	Investigation on the mechanism of non-photocatalytically TiO ₂ -induced reactive oxygen species and its significance on cell cycle and morphology. <i>Journal of Applied Toxicology</i> , 2016, 36, 1355-1363.	1.4	25
95	Clothing as a source of fibres within museums. <i>Journal of Cultural Heritage</i> , 2000, 1, 445-454.	1.5	24
96	Ionic Surface Active Compounds in Atmospheric Aerosols. <i>Scientific World Journal</i> , The, 2002, 2, 1138-1146.	0.8	24
97	The use and meanings of "time of wetness"™ in understanding building stone decay. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2013, 46, 469-476.	0.8	24
98	Museum display cases and the exchange of water vapour. <i>Studies in Conservation</i> , 1983, 28, 179-188.	0.6	23
99	The effects of visitor activity on dust in historic collections. <i>The Conservator</i> , 2002, 26, 72-84.	0.2	23
100	Damage function for historic paper. Part III: Isochrones and demography of collections. <i>Heritage Science</i> , 2015, 3, .	1.0	23
101	Selections from the history of environmental pollution, with special attention to air pollution. Part 1.. <i>International Journal of Environment and Pollution</i> , 2004, 22, 641.	0.2	22
102	The globalization of local air pollution. <i>Globalizations</i> , 2005, 2, 429-441.	1.9	22
103	Preparation of black sand-based magnetic photocatalysts for photocatalytic oxidation of aqueous phenol. <i>Applied Catalysis B: Environmental</i> , 2009, 87, 1-8.	10.8	21
104	The Elution of Ions Through Field and Laboratory Snowpacks. <i>Annals of Glaciology</i> , 1985, 7, 196-201.	2.8	21
105	The cementation of coarse dust to indoor surfaces. <i>Journal of Cultural Heritage</i> , 2009, 10, 410-414.	1.5	20
106	Trends in insect catch at historic properties. <i>Journal of Cultural Heritage</i> , 2015, 16, 127-133.	1.5	20
107	History of Urban Air Pollution. <i>Environmental Pollution</i> , 1998, , 7-20.	0.4	20
108	The loss of halide and sulphate ions from melting ice. <i>Water Research</i> , 1988, 22, 693-700.	5.3	19

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109	Rediscovering Atmospheric Surfactants. <i>Environmental Chemistry</i> , 2004, 1, 11.	0.7	19
110	Removal of Dyes from Water Using a TiO ₂ Photocatalyst Supported on Black Sand. <i>Water, Air, and Soil Pollution</i> , 2009, 198, 233-241.	1.1	19
111	Damage function for historic paper. Part II: Wear and tear. <i>Heritage Science</i> , 2015, 3, .	1.0	19
112	Effect of road blockages on local air pollution during the Hong Kong protests and its implications for air quality management. <i>Science of the Total Environment</i> , 2015, 536, 443-448.	3.9	19
113	Wool and reduced sulphur gases in museum air. <i>Studies in Conservation</i> , 1992, 37, 53-60.	0.6	18
114	Contribution of Dust at Floor Level to Particle Deposit within the Sainsbury Centre for Visual Arts. <i>Studies in Conservation</i> , 2000, 45, 127.	0.6	18
115	Potential Damage to Modern Building Materials from 21st Century Air Pollution. <i>Scientific World Journal, The</i> , 2010, 10, 116-125.	0.8	18
116	Changes in air pollution and attitude to fireworks in Beijing. <i>Atmospheric Environment</i> , 2020, 231, 117549.	1.9	18
117	Economics of Dust. <i>Studies in Conservation</i> , 2007, 52, 135-146.	0.6	17
118	The Odd“Even Behaviour of Dicarboxylic Acids Solubility in the Atmospheric Aerosols. <i>Water, Air, and Soil Pollution</i> , 2009, 198, 65-75.	1.1	17
119	Fine-scale spatial structure of air pollutant concentrations along bus routes. <i>Science of the Total Environment</i> , 2019, 658, 1-7.	3.9	17
120	Mapping Climate Change, Natural Hazards and Tokyo’s Built Heritage. <i>Atmosphere</i> , 2020, 11, 680.	1.0	17
121	Weathering of materials at Notre-Dame from changes in air pollution and climate in Paris, 1325“2090. <i>Journal of Cultural Heritage</i> , 2021, 50, 88-94.	1.5	17
122	Thermodynamic properties of carboxylic acids relevant to their solubility in aqueous solutions. <i>Journal of Aerosol Science</i> , 1992, 23, 901-904.	1.8	16
123	A particle accumulation study during the reconstruction of The Great Court, British Museum. <i>Journal of Cultural Heritage</i> , 2002, 3, 283-287.	1.5	16
124	Source identification and budget analysis on elevated levels of formaldehyde within the ship plumes: a ship-plume photochemical/dynamic model analysis. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11969-11985.	1.9	16
125	Long-term damage to glass in Paris in a changing environment. <i>Science of the Total Environment</i> , 2012, 431, 151-156.	3.9	16
126	Tracing typhoon effects on particulate transport in a submarine canyon using polycyclic aromatic hydrocarbons. <i>Marine Chemistry</i> , 2013, 157, 1-11.	0.9	16

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127	Measuring bioavailable PAHs in estuarine water using semipermeable membrane devices with performance reference compounds. <i>Marine Pollution Bulletin</i> , 2014, 89, 376-383.	2.3	16
128	Enrichment behavior of contemporary PAHs and legacy PCBs at the sea-surface microlayer in harbor water. <i>Chemosphere</i> , 2020, 245, 125647.	4.2	16
129	Kerbside NOx and CO concentrations and emission factors of vehicles on a busy road. <i>Atmospheric Environment</i> , 2022, 271, 118878.	1.9	16
130	The antiquity of "smokeless zones"™. <i>Atmospheric Environment</i> , 1987, 21, 2485.	1.1	15
131	Multidisciplinary Environmental Monitoring at the Kunsthistorisches Museum, Vienna. <i>Instrumentation Science and Technology</i> , 2003, 21, 273-294.	0.8	15
132	The bibliometrics of atmospheric environment. <i>Atmospheric Environment</i> , 2009, 43, 9-12.	1.9	15
133	Temporal humidity variations in the heritage climate of south east England. <i>Heritage Science</i> , 2013, 1, 3.	1.0	15
134	Effect of sub-urban scale lockdown on air pollution in Beijing. <i>Urban Climate</i> , 2020, 34, 100725.	2.4	15
135	Traffic-derived noise, air pollution and urban park design. <i>Journal of Urban Design</i> , 2020, 25, 590-606.	0.6	15
136	Spatio-temporal variability of airborne particulate matter in the São Paulo subway. <i>Building and Environment</i> , 2021, 189, 107526.	3.0	15
137	Long-range Transport of Air Pollutants to Taiwan during the COVID-19 Lockdown in Hubei Province. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200392.	0.9	15
138	Equilibrium Water Partial Pressures and Salt Solubilities in Aqueous NH ₄ HSO ₄ to Low Temperatures. <i>Journal of Physical Chemistry A</i> , 1999, 103, 3678-3686.	1.1	14
139	Pressures from long term environmental change at the shrines and temples of Nikkō. <i>Heritage Science</i> , 2018, 6, .	1.0	14
140	Citizen perception of APEC blue and air pollution management. <i>Atmospheric Environment</i> , 2019, 214, 116853.	1.9	14
141	Indoor and Outdoor Exposure to PM _{2.5} during COVID-19 Lockdown in Suburban Malaysia. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200476.	0.9	14
142	A numerical study of local traffic volume and air quality within urban street canyons. <i>Science of the Total Environment</i> , 2021, 791, 148138.	3.9	14
143	Determination of local traffic emission and non-local background source contribution to on-road air pollution using fixed-route mobile air sensor network. <i>Environmental Pollution</i> , 2021, 290, 118055.	3.7	14
144	Long-term deposit at Rothamsted, southern England. <i>Tellus</i> , 2022, 32, 261.	0.4	14

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145	Effects of Seasonality and Transport Route on Chemical Characteristics of PM _{2.5} and PM _{2.5-10} in the East Asian Pacific Rim Region. <i>Aerosol and Air Quality Research</i> , 2017, 17, 2988-3005.	0.9	14
146	Equilibrium partial pressures of strong acids over concentrated solutions—III. The temperature variation of HNO ₃ solubility. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 1945-1955.	1.3	13
147	Formaldehyde Oxidation and Lead Corrosion. <i>Studies in Conservation</i> , 2000, 45, 226.	0.6	13
148	Damage function for historic paper. Part I: Fitness for use. <i>Heritage Science</i> , 2015, 3, .	1.0	13
149	Transport and fluxes of terrestrial polycyclic aromatic hydrocarbons in a small mountain river and submarine canyon system. <i>Journal of Environmental Management</i> , 2016, 178, 30-41.	3.8	13
150	Effect of pool fire scale of heavy fuel oil on the characteristics of PAH emissions. <i>Fuel</i> , 2019, 235, 933-943.	3.4	13
151	Long term trends in London fog. <i>Science of the Total Environment</i> , 1981, 22, 19-29.	3.9	12
152	The effect of long-term trends in dampness on historic buildings. <i>Weather</i> , 2006, 61, 278-281.	0.6	12
153	Webbing clothes moth catch and the management of heritage environments. <i>International Biodeterioration and Biodegradation</i> , 2014, 96, 50-57.	1.9	12
154	Diurnal trends in redox characteristics of water-soluble and -insoluble PM components. <i>Environmental Pollution</i> , 2019, 254, 112841.	3.7	12
155	Reducing the Influence of Environmental Factors on Performance of a Diffusion-Based Personal Exposure Kit. <i>Sensors</i> , 2021, 21, 4637.	2.1	12
156	Effect of Fireworks, Chinese New Year and the COVID-19 Lockdown on Air Pollution and Public Attitudes. <i>Aerosol and Air Quality Research</i> , 2020, 20, 2318-2331.	0.9	12
157	The transfer of heritage modelling from research to practice. <i>Heritage Science</i> , 2022, 10, .	1.0	12
158	The solubility measurements of sodium dicarboxylate salts; sodium oxalate, malonate, succinate, glutarate, and adipate in water from T=(279.15 to 358.15)K. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 980-983.	1.0	11
159	Statistics of insect catch within historic properties. <i>Heritage Science</i> , 2013, 1, 34.	1.0	11
160	Diurnal and weekly patterns of primary pollutants in Beijing under COVID-19 restrictions. <i>Faraday Discussions</i> , 2021, 226, 138-148.	1.6	11
161	Silverfish (<i>Zygentoma</i>) in Austrian Museums before and during COVID-19 lockdown. <i>International Biodeterioration and Biodegradation</i> , 2021, 164, 105296.	1.9	11
162	Environment and Architectural Stone. , 2011, , 317-346.		11

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163	Museum Display Cases and the Exchange of Water Vapour. <i>Studies in Conservation</i> , 1983, 28, 179.	0.6	10
164	The History of Air Pollution in York, England. <i>Journal of the Air and Waste Management Association</i> , 1992, 42, 1562-1566.	0.2	10
165	The rate of metal catalyzed oxidation of sulfur dioxide in collagen surrogates. <i>Journal of Cultural Heritage</i> , 2003, 4, 137-147.	1.5	10
166	Ammonia chemistry within Danish churches. <i>Science of the Total Environment</i> , 2012, 417-418, 13-20.	3.9	10
167	Surfactants in the sea-surface microlayer and sub-surface water at estuarine locations: Their concentration, distribution, enrichment, and relation to physicochemical characteristics. <i>Marine Pollution Bulletin</i> , 2015, 97, 78-84.	2.3	10
168	The effects of flow rate and temperature on SPMD measurements of bioavailable PAHs in seawater. <i>Marine Pollution Bulletin</i> , 2015, 97, 217-223.	2.3	10
169	Monitoring the accumulated water soluble airborne compounds deposited on surfaces of showcases and walls in museums, archives and historical buildings. <i>Heritage Science</i> , 2017, 5, .	1.0	10
170	Air Change in Low and High-Rise Apartments. <i>Urban Science</i> , 2020, 4, 25.	1.1	10
171	Seasonal Variation of Saccharides and Furfural in Atmospheric Aerosols at a Semi-Urban Site. <i>Aerosol and Air Quality Research</i> , 2015, 15, 821-832.	0.9	10
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