

Roy Harrison

List of Publications by Year in descending order

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667
papers

47,002
citations

1981

104
h-index

4217

180
g-index

819
all docs

819
docs citations

819
times ranked

27880
citing authors

#	ARTICLE	IF	CITATIONS
1	Sources and properties of non-exhaust particulate matter from road traffic: A review. <i>Science of the Total Environment</i> , 2008, 400, 270-282.	3.9	1,233
2	Source Apportionment of Atmospheric Polycyclic Aromatic Hydrocarbons Collected from an Urban Location in Birmingham, U.K.. <i>Environmental Science & Technology</i> , 1996, 30, 825-832.	4.6	1,163
3	Particulate matter in the atmosphere: which particle properties are important for its effects on health?. <i>Science of the Total Environment</i> , 2000, 249, 85-101.	3.9	957
4	Estimation of the contribution of road traffic emissions to particulate matter concentrations from field measurements: A review. <i>Atmospheric Environment</i> , 2013, 77, 78-97.	1.9	877
5	Source apportionment of particulate matter in Europe: A review of methods and results. <i>Journal of Aerosol Science</i> , 2008, 39, 827-849.	1.8	812
6	Carbonaceous aerosol in urban and rural European atmospheres: estimation of secondary organic carbon concentrations. <i>Atmospheric Environment</i> , 1999, 33, 2771-2781.	1.9	745
7	The effects of meteorological factors on atmospheric bioaerosol concentrations—a review. <i>Science of the Total Environment</i> , 2004, 326, 151-180.	3.9	692
8	Mobility particle size spectrometers: harmonization of technical standards and data structure to facilitate high quality long-term observations of atmospheric particle number size distributions. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 657-685.	1.2	689
9	Chemical reactivity and long-range transport potential of polycyclic aromatic hydrocarbons—a review. <i>Chemical Society Reviews</i> , 2013, 42, 9333.	18.7	556
10	Particles, air quality, policy and health. <i>Chemical Society Reviews</i> , 2012, 41, 6606.	18.7	551
11	A European aerosol phenomenology—1: physical characteristics of particulate matter at kerbside, urban, rural and background sites in Europe. <i>Atmospheric Environment</i> , 2004, 38, 2561-2577.	1.9	494
12	Ultrafine particles in cities. <i>Environment International</i> , 2014, 66, 1-10.	4.8	483
13	Evaluating the Toxicity of Airborne Particulate Matter and Nanoparticles by Measuring Oxidative Stress Potential—A Workshop Report and Consensus Statement. <i>Inhalation Toxicology</i> , 2008, 20, 75-99.	0.8	482
14	Chemical associations of lead, cadmium, copper, and zinc in street dusts and roadside soils. <i>Environmental Science & Technology</i> , 1981, 15, 1378-1383.	4.6	479
15	Toward Direct Measurement of Atmospheric Nucleation. <i>Science</i> , 2007, 318, 89-92.	6.0	478
16	Estimation of the Contributions of Brake Dust, Tire Wear, and Resuspension to Nonexhaust Traffic Particles Derived from Atmospheric Measurements. <i>Environmental Science & Technology</i> , 2012, 46, 6523-6529.	4.6	445
17	Emissions and indoor concentrations of particulate matter and its specific chemical components from cooking: A review. <i>Atmospheric Environment</i> , 2013, 71, 260-294.	1.9	397
18	Identification of brake wear particles and derivation of a quantitative tracer for brake dust at a major road. <i>Atmospheric Environment</i> , 2010, 44, 141-146.	1.9	360

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19	Concentrations and Sources of VOCs in Urban Domestic and Public Microenvironments. <i>Environmental Science & Technology</i> , 2001, 35, 997-1004.	4.6	343
20	OC/EC ratio observations in Europe: Re-thinking the approach for apportionment between primary and secondary organic carbon. <i>Atmospheric Environment</i> , 2011, 45, 6121-6132.	1.9	336
21	Aircraft engine exhaust emissions and other airport-related contributions to ambient air pollution: A review. <i>Atmospheric Environment</i> , 2014, 95, 409-455.	1.9	335
22	Trace Metal Concentrations and Water Solubility in Size-Fractionated Atmospheric Particles and Influence of Road Traffic. <i>Environmental Science & Technology</i> , 2006, 40, 1144-1153.	4.6	322
23	Primary particle formation from vehicle emissions during exhaust dilution in the roadside atmosphere. <i>Atmospheric Environment</i> , 2003, 37, 4109-4119.	1.9	319
24	New considerations for PM, Black Carbon and particle number concentration for air quality monitoring across different European cities. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6207-6227.	1.9	317
25	Urban air quality: The challenge of traffic non-exhaust emissions. <i>Journal of Hazardous Materials</i> , 2014, 275, 31-36.	6.5	314
26	Urban Ambient Particle Metrics and Health. <i>Epidemiology</i> , 2010, 21, 501-511.	1.2	300
27	Critical review of receptor modelling for particulate matter: A case study of India. <i>Atmospheric Environment</i> , 2012, 49, 1-12.	1.9	289
28	Respiratory Health Effects of Airborne Particulate Matter: The Role of Particle Size, Composition, and Oxidative Potentialâ€”The RAPTES Project. <i>Environmental Health Perspectives</i> , 2012, 120, 1183-1189.	2.8	288
29	Sources and processes affecting concentrations of PM10 and PM2.5 particulate matter in Birmingham (U.K.). <i>Atmospheric Environment</i> , 1997, 31, 4103-4117.	1.9	279
30	Nanoparticle emissions from 11 non-vehicle exhaust sources â€” A review. <i>Atmospheric Environment</i> , 2013, 67, 252-277.	1.9	279
31	General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) â€” integrating aerosol research from nano to global scales. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 13061-13143.	1.9	278
32	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in fiveâ€”southern European cities. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3289-3309.	1.9	267
33	Investigation of Ultrafine Particle Formation during Diesel Exhaust Dilution. <i>Environmental Science & Technology</i> , 1999, 33, 3730-3736.	4.6	257
34	In vitro toxicity of particulate matter (PM) collected at different sites in the Netherlands is associated with PM composition, size fraction and oxidative potential - the RAPTES project. <i>Particle and Fibre Toxicology</i> , 2011, 8, 26.	2.8	254
35	Sources and concentration of nanoparticles (<10nm diameter) in the urban atmosphere. <i>Atmospheric Environment</i> , 2001, 35, 1193-1202.	1.9	252
36	Cleaning methods for polythene containers prior to the determination of trace metals in fresh water samples. <i>Analytical Chemistry</i> , 1981, 53, 345-350.	3.2	249

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37	A study of trace metals and polycyclic aromatic hydrocarbons in the roadside environment. Atmospheric Environment, 2003, 37, 2391-2402.	1.9	235
38	Oxidative potential of particulate matter collected at sites with different source characteristics. Science of the Total Environment, 2014, 472, 572-581.	3.9	228
39	Measurements of ultrafine particle concentration and size distribution in the urban atmosphere. Science of the Total Environment, 1999, 235, 51-64.	3.9	227
40	Characterization of ambient PM _{2.5} at a pollution hotspot in New Delhi, India and inference of sources. Atmospheric Environment, 2015, 109, 178-189.	1.9	217
41	Assessing the impact of clean air action on air quality trends in Beijing using a machine learning technique. Atmospheric Chemistry and Physics, 2019, 19, 11303-11314.	1.9	215
42	Tropospheric cycle of nitrous acid. Journal of Geophysical Research, 1996, 101, 14429-14439.	3.3	214
43	Number size distributions and seasonality of submicron particles in Europe 2008-2009. Atmospheric Chemistry and Physics, 2011, 11, 5505-5538.	1.9	214
44	Explaining global surface aerosol number concentrations in terms of primary emissions and particle formation. Atmospheric Chemistry and Physics, 2010, 10, 4775-4793.	1.9	212
45	Review of the efficacy of low emission zones to improve urban air quality in European cities. Atmospheric Environment, 2015, 111, 161-169.	1.9	210
46	Abrupt but smaller than expected changes in surface air quality attributable to COVID-19 lockdowns. Science Advances, 2021, 7, .	4.7	209
47	Ozone levels in European and USA cities are increasing more than at rural sites, while peak values are decreasing. Environmental Pollution, 2014, 192, 295-299.	3.7	207
48	Studies of the coarse particle (2.5-10µm) component in UK urban atmospheres. Atmospheric Environment, 2001, 35, 3667-3679.	1.9	195
49	Size-differentiated composition of inorganic atmospheric aerosols of both marine and polluted continental origin. Atmospheric Environment, 1983, 17, 1733-1738.	1.1	192
50	Major component composition of PM ₁₀ and PM _{2.5} from roadside and urban background sites. Atmospheric Environment, 2004, 38, 4531-4538.	1.9	191
51	Particulate matter and daily mortality and hospital admissions in the west midlands conurbation of the United Kingdom: associations with fine and coarse particles, black smoke and sulphate. Occupational and Environmental Medicine, 2001, 58, 504-510.	1.3	190
52	Fine (PM _{2.5}) and Coarse (PM _{2.5-10}) Particulate Matter on A Heavily Trafficked London Highway: Sources and Processes. Environmental Science & Technology, 2005, 39, 7768-7776.	4.6	187
53	Air pollution-aerosol interactions produce more bioavailable iron for ocean ecosystems. Science Advances, 2017, 3, e1601749.	4.7	182
54	Characterization of Particles from a Current Technology Heavy-Duty Diesel Engine. Environmental Science & Technology, 2000, 34, 748-755.	4.6	181

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55	Review: Particle number size distributions from seven major sources and implications for source apportionment studies. <i>Atmospheric Environment</i> , 2015, 122, 114-132.	1.9	179
56	PMF Analysis of Wide-Range Particle Size Spectra Collected on a Major Highway. <i>Environmental Science & Technology</i> , 2011, 45, 5522-5528.	4.6	178
57	The Contribution of Traffic to Atmospheric Concentrations of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 1999, 33, 3538-3542.	4.6	175
58	Size distribution, mixing state and source apportionment of black carbon aerosol in London during wintertime. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10061-10084.	1.9	171
59	Carcinogenic potential, levels and sources of polycyclic aromatic hydrocarbon mixtures in indoor and outdoor environments and their implications for air quality standards. <i>Environment International</i> , 2011, 37, 383-392.	4.8	170
60	Field measurements of the dissociation of ammonium nitrate and ammonium chloride aerosols. <i>Atmospheric Environment</i> , 1989, 23, 1591-1599.	1.1	167
61	Concentrations, trends and vehicle source profile of polynuclear aromatic hydrocarbons in the U.K. atmosphere. <i>Atmospheric Environment</i> , 1996, 30, 2513-2525.	1.9	166
62	Source apportionment of fine particles at urban background and rural sites in the UK atmosphere. <i>Atmospheric Environment</i> , 2010, 44, 841-851.	1.9	166
63	Traffic and nucleation events as main sources of ultrafine particles in high-insolation developed world cities. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5929-5945.	1.9	161
64	Measurements of the physical properties of particles in the urban atmosphere. <i>Atmospheric Environment</i> , 1999, 33, 309-321.	1.9	158
65	The Policy Relevance of Wear Emissions from Road Transport, Now and in the Future—An International Workshop Report and Consensus Statement. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 136-149.	0.9	157
66	Pragmatic mass closure study for PM1.0, PM2.5 and PM10 at roadside, urban background and rural sites. <i>Atmospheric Environment</i> , 2008, 42, 980-988.	1.9	151
67	Indoor-outdoor relationships of particle number and mass in four European cities. <i>Atmospheric Environment</i> , 2008, 42, 156-169.	1.9	150
68	Intercomparison and evaluation of global aerosol microphysical properties among AeroCom models of a range of complexity. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4679-4713.	1.9	148
69	Boundary layer dynamics over London, UK, as observed using Doppler lidar during REPARTEE-II. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 2111-2125.	1.9	140
70	High nitrate, muddy estuaries as nitrogen sinks: the nitrogen budget of the River Colne estuary (United Kingdom). <i>Estuarine, Coastal and Shelf Science</i> , 2005, 65, 139-150.	0.95	139
71	A study on the relationship between mass concentrations, chemistry and number size distribution of urban fine aerosols in Milan, Barcelona and London. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 2217-2232.	1.9	138
72	Comparative receptor modelling study of airborne particulate pollutants in Birmingham (United Kingdom). <i>Atmospheric Environment</i> , 2007, 41, 136-147.	1.9	136

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73	N ₂ O, NO and NO ₂ fluxes from a grassland: Effect of soil pH. <i>Soil Biology and Biochemistry</i> , 1997, 29, 1199-1208.	4.2	135
74	A pragmatic mass closure model for airborne particulate matter at urban background and roadside sites. <i>Atmospheric Environment</i> , 2003, 37, 4927-4933.	1.9	135
75	Source apportionment of polycyclic aromatic hydrocarbons in urban air using positive matrix factorization and spatial distribution analysis. <i>Atmospheric Environment</i> , 2013, 79, 271-285.	1.9	135
76	A review of chemical and physical characterisation of atmospheric metallic nanoparticles. <i>Atmospheric Environment</i> , 2014, 94, 353-365.	1.9	134
77	Non-exhaust vehicle emissions of particulate matter and VOC from road traffic: A review. <i>Atmospheric Environment</i> , 2021, 262, 118592.	1.9	133
78	The use of trajectory cluster analysis to examine the long-range transport of secondary inorganic aerosol in the UK. <i>Atmospheric Environment</i> , 2005, 39, 6686-6695.	1.9	132
79	Toxic metals in street and household dusts. <i>Science of the Total Environment</i> , 1979, 11, 89-97.	3.9	131
80	Evidence for a surface source of atmospheric nitrous acid. <i>Atmospheric Environment</i> , 1994, 28, 1089-1094.	1.9	131
81	A review of receptor modelling of industrially emitted particulate matter. <i>Atmospheric Environment</i> , 2014, 97, 109-120.	1.9	131
82	Analysis of the air pollution climate at a central urban background site. <i>Atmospheric Environment</i> , 2010, 44, 2004-2012.	1.9	127
83	Regression modelling of hourly NO _x and NO ₂ concentrations in urban air in London. <i>Atmospheric Environment</i> , 1997, 31, 4081-4094.	1.9	125
84	Estimation of particle resuspension source strength on a major London Road. <i>Atmospheric Environment</i> , 2007, 41, 8007-8020.	1.9	125
85	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.	3.7	125
86	Climate factors influencing bacterial count in background air samples. <i>International Journal of Biometeorology</i> , 2005, 49, 167-178.	1.3	124
87	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.	1.9	124
88	Spatial variation of particle number and mass over four European cities. <i>Atmospheric Environment</i> , 2007, 41, 6622-6636.	1.9	122
89	Measurement of number, mass and size distribution of particles in the atmosphere. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 2567-2580.	1.6	121
90	Coastal new particle formation: Environmental conditions and aerosol physicochemical characteristics during nucleation bursts. <i>Journal of Geophysical Research</i> , 2002, 107, PAR 12-1.	3.3	121

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91	Observations of new particle formation in urban air. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	121
92	Analysis of atmospheric concentrations of quinones and polycyclic aromatic hydrocarbons in vapour and particulate phases. <i>Atmospheric Environment</i> , 2013, 77, 974-982.	1.9	121
93	Cluster Analysis of Rural, Urban, and Curbside Atmospheric Particle Size Data. <i>Environmental Science & Technology</i> , 2009, 43, 4694-4700.	4.6	118
94	Sources and processes affecting carbonaceous aerosol in central England. <i>Atmospheric Environment</i> , 2008, 42, 1413-1423.	1.9	117
95	New directions: Air pollution challenges for developing megacities like Delhi. <i>Atmospheric Environment</i> , 2015, 122, 657-661.	1.9	117
96	Temporal Trends, Temperature Dependence, and Relative Reactivity of Atmospheric Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 2001, 35, 2264-2267.	4.6	116
97	Personal exposures to airborne metals in London taxi drivers and office workers in 1995 and 1996. <i>Science of the Total Environment</i> , 1999, 235, 253-260.	3.9	115
98	Concentrations of particulate airborne polycyclic aromatic hydrocarbons and metals collected in Lahore, Pakistan. <i>Atmospheric Environment</i> , 1996, 30, 4031-4040.	1.9	114
99	Real-time secondary aerosol formation during a fog event in London. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 2459-2469.	1.9	114
100	Global analysis of continental boundary layer new particle formation based on long-term measurements. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14737-14756.	1.9	113
101	Analysis of incidence of childhood cancer in the West Midlands of the United Kingdom in relation to proximity to main roads and petrol stations. <i>Occupational and Environmental Medicine</i> , 1999, 56, 774-780.	1.3	111
102	Chemical characterisation of single airborne particles in Athens (Greece) by ATOFMS. <i>Atmospheric Environment</i> , 2006, 40, 7614-7631.	1.9	111
103	The wind speed dependence of the concentrations of airborne particulate matter and NO _x . <i>Atmospheric Environment</i> , 2010, 44, 1682-1690.	1.9	111
104	On-road traffic emissions of polycyclic aromatic hydrocarbons and their oxy- and nitro- derivative compounds measured in road tunnel environments. <i>Science of the Total Environment</i> , 2016, 566-567, 1131-1142.	3.9	111
105	Isotopic signatures suggest important contributions from recycled gasoline, road dust and non-exhaust traffic sources for copper, zinc and lead in PM ₁₀ in London, United Kingdom. <i>Atmospheric Environment</i> , 2017, 165, 88-98.	1.9	111
106	Field intercomparison of filter pack and denuder sampling methods for reactive gaseous and particulate pollutants. <i>Atmospheric Environment Part A General Topics</i> , 1990, 24, 2633-2640.	1.3	110
107	Ultrafine particles and PM _{2.5} in the air of cities around the world: Are they representative of each other?. <i>Environment International</i> , 2019, 129, 118-135.	4.8	110
108	The highway as a source of water pollution: An appraisal with the heavy metal lead. <i>Water Research</i> , 1977, 11, 1-11.	5.3	109

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109	Measurement and modelling of air pollution and atmospheric chemistry in the U.K. West Midlands conurbation: Overview of the PUMA Consortium project. <i>Science of the Total Environment</i> , 2006, 360, 5-25.	3.9	109
110	Effect of inhaled sulphur dioxide and carbon particles on heart rate variability and markers of inflammation and coagulation in human subjects. <i>Heart</i> , 2006, 92, 220-227.	1.2	109
111	Quantitative interpretation of divergence between PM10 and PM2.5 mass measurement by TEOM and gravimetric (Partisol) instruments. <i>Atmospheric Environment</i> , 2004, 38, 415-423.	1.9	108
112	The assessment of air and soil as contributors of some trace metals to vegetable plants I. Use of a filtered air growth cabinet. <i>Science of the Total Environment</i> , 1989, 83, 13-34.	3.9	107
113	Biogenic sulphur emissions and inferred non-sea-salt-sulphate cloud condensation nuclei in and around Antarctica. <i>Journal of Geophysical Research</i> , 1997, 102, 12839-12854.	3.3	107
114	The measurement and interpretation of ratios in airborne particles. <i>Atmospheric Environment</i> , 1983, 17, 311-328.	1.1	106
115	The spatial distribution and particle size of some inorganic nitrogen, sulphur and chlorine species over the North Sea. <i>Atmospheric Environment Part A General Topics</i> , 1992, 26, 1689-1699.	1.3	106
116	Increased Oxidative Burden Associated with Traffic Component of Ambient Particulate Matter at Roadside and Urban Background Schools Sites in London. <i>PLoS ONE</i> , 2011, 6, e21961.	1.1	106
117	Source apportionment of particle number size distribution in urban background and traffic stations in four European cities. <i>Environment International</i> , 2020, 135, 105345.	4.8	106
118	Meteorology, Air Quality, and Health in London: The ClearLo Project. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 779-804.	1.7	105
119	Associations between three specific a-cellular measures of the oxidative potential of particulate matter and markers of acute airway and nasal inflammation in healthy volunteers. <i>Occupational and Environmental Medicine</i> , 2015, 72, 49-56.	1.3	105
120	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.	5.1	105
121	Polynuclear aromatic hydrocarbons in raw, potable and waste waters. <i>Water Research</i> , 1975, 9, 331-346.	5.3	104
122	Municipal incinerator as source of polynuclear aromatic hydrocarbons in environment. <i>Environmental Science & Technology</i> , 1976, 10, 451-453.	4.6	103
123	PM10 and PM2.5 emission factors for non-exhaust particles from road vehicles: Dependence upon vehicle mass and implications for battery electric vehicles. <i>Atmospheric Environment</i> , 2021, 244, 117886.	1.9	102
124	Particle size distribution from a modern heavy duty diesel engine. <i>Science of the Total Environment</i> , 1999, 235, 305-317.	3.9	101
125	The effect of sulphur dioxide exposure on indices of heart rate variability in normal and asthmatic adults. <i>European Respiratory Journal</i> , 2001, 17, 604-608.	3.1	101
126	Arctic sea ice melt leads to atmospheric new particle formation. <i>Scientific Reports</i> , 2017, 7, 3318.	1.6	101

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127	Remarkable dynamics of nanoparticles in the urban atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6623-6637.	1.9	100
128	New Directions: Why are PM10 concentrations in Europe not falling?. <i>Atmospheric Environment</i> , 2008, 42, 603-606.	1.9	98
129	A scheme for the physico-chemical speciation of trace metals in freshwater samples. <i>Science of the Total Environment</i> , 1981, 19, 59-82.	3.9	97
130	Preliminary Estimates of Nanoparticle Number Emissions from Road Vehicles in Megacity Delhi and Associated Health Impacts. <i>Environmental Science & Technology</i> , 2011, 45, 5514-5521.	4.6	97
131	The influence of odd-even car trial on fine and coarse particles in Delhi. <i>Environmental Pollution</i> , 2017, 225, 20-30.	3.7	97
132	Comparison of methods for evaluation of wood smoke and estimation of UK ambient concentrations. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 8271-8283.	1.9	96
133	The PM 10 fraction of road dust in the UK and India: Characterization, source profiles and oxidative potential. <i>Science of the Total Environment</i> , 2015, 530-531, 445-452.	3.9	96
134	Hypernutrified estuaries as sources of N2O emission to the atmosphere:the estuary of the River Colne, Essex, UK. <i>Marine Ecology - Progress Series</i> , 1998, 164, 59-71.	0.9	96
135	Particulate Oxidative Burden Associated with Firework Activity. <i>Environmental Science & Technology</i> , 2010, 44, 8295-8301.	4.6	95
136	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.	1.9	95
137	A Review of Road Traffic-Derived Non-Exhaust Particles: Emissions, Physicochemical Characteristics, Health Risks, and Mitigation Measures. <i>Environmental Science & Technology</i> , 2022, 56, 6813-6835.	4.6	95
138	Interpretation of particulate elemental and organic carbon concentrations at rural, urban and kerbside sites. <i>Atmospheric Environment</i> , 2005, 39, 7114-7126.	1.9	93
139	Environmental and biological monitoring of exposures to PAHs and ETS in the general population. <i>Environment International</i> , 2010, 36, 763-771.	4.8	92
140	Mass and number size distributions of particulate matter components: Comparison of an industrial site and an urban background site. <i>Science of the Total Environment</i> , 2014, 475, 29-38.	3.9	92
141	Chemical speciation of lead compounds in street dusts. <i>Environmental Science & Technology</i> , 1980, 14, 336-339.	4.6	91
142	Point sources of air pollution. <i>Occupational Medicine</i> , 2005, 55, 425-431.	0.8	91
143	The chemical composition of highway drainage waters I. Major ions and selected trace metals. <i>Science of the Total Environment</i> , 1985, 43, 63-77.	3.9	90
144	Indoor/outdoor relationships of organic carbon (OC) and elemental carbon (EC) in PM2.5 in roadside environment of Hong Kong. <i>Atmospheric Environment</i> , 2004, 38, 6327-6335.	1.9	90

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145	Particulate matter air pollution and respiratory symptoms in individuals having either asthma or chronic obstructive pulmonary disease: a European multicentre panel study. <i>Environmental Health</i> , 2012, 11, 75.	1.7	89
146	Seasonal and diurnal variations of BTEX and their potential for ozone formation in the urban background atmosphere of the coastal city Jeddah, Saudi Arabia. <i>Air Quality, Atmosphere and Health</i> , 2014, 7, 467-480.	1.5	88
147	Atmospheric chemistry of automotive lead. <i>Environmental Science & Technology</i> , 1979, 13, 558-565.	4.6	87
148	Receptor modelling of both particle composition and size distribution from a background site in London, UK. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10107-10125.	1.9	87
149	The chemical composition of airborne particles in the UK atmosphere. <i>Science of the Total Environment</i> , 1995, 168, 195-214.	3.9	86
150	A Study of the Size Distributions and the Chemical Characterization of Airborne Particles in the Vicinity of a Large Integrated Steelworks. <i>Aerosol Science and Technology</i> , 2008, 42, 981-991.	1.5	86
151	The balance of heavy metals through a sewage treatment works I. Lead, cadmium and copper. <i>Science of the Total Environment</i> , 1979, 12, 13-23.	3.9	85
152	Dry deposition of ozone: some measurements of deposition velocity and of vertical profiles to 100 metres. <i>Atmospheric Environment</i> , 1985, 19, 1807-1818.	1.1	85
153	Primary and secondary marine organic aerosols over the North Atlantic Ocean during the MAP experiment. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	85
154	On the spatial distribution and evolution of ultrafine particles in Barcelona. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 741-759.	1.9	85
155	Characterization and source apportionment of carbonaceous PM _{2.5} particles in China - A review. <i>Atmospheric Environment</i> , 2018, 189, 187-212.	1.9	85
156	Relationship of personal exposure to volatile organic compounds to home, work and fixed site outdoor concentrations. <i>Science of the Total Environment</i> , 2011, 409, 478-488.	3.9	84
157	Vapour pressure of ammonium chloride aerosol: Effect of temperature and humidity. <i>Atmospheric Environment</i> , 1987, 21, 2711-2715.	1.1	83
158	Polynuclear Aromatic Hydrocarbon Concentrations in Road Dust and Soil Samples Collected in the United Kingdom and Pakistan. <i>Environmental Technology (United Kingdom)</i> , 1995, 16, 45-53.	1.2	82
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