

Roy Harrison

List of Publications by Year in descending order

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668
papers

47,002
citations

1704

104
h-index

3650

180
g-index

819
all docs

819
docs citations

819
times ranked

25249
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation of the atmospheric HNO_3 - NH_3 - NH_4 - NO_3 equilibrium relationship in a cool, humid climate. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 35, 155.	1.6	14
2	The atmospheric input of nitrogen species to the North Sea. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 45, 53.	1.6	50
3	Marine and land-based influences on atmospheric ammonia and ammonium over Tenerife. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 52, 273.	1.6	7
4	Morphological and nanostructure characteristics of soot particles emitted from a jet-stirred reactor burning aviation fuel. <i>Combustion and Flame</i> , 2022, 236, 111760.	5.2	17
5	Determination of 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanone (NNK) arising from tobacco smoke in airborne particulate matter. <i>Environment International</i> , 2022, 158, 106992.	10.0	2
6	Quality of automatic geocoding tools: a study using addresses from hospital record files in Temuco, Chile. <i>Cadernos De Saude Publica</i> , 2022, 38, e00288920.	1.0	4
7	Formation of secondary organic aerosols from anthropogenic precursors in laboratory studies. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	6.8	51
8	Source apportionment of indoor PM _{2.5} at a residential urban background site in Malta. <i>Atmospheric Environment</i> , 2022, 278, 119093.	4.1	8
9	Leaching material from Antarctic seaweeds and penguin guano affects cloud-relevant aerosol production. <i>Science of the Total Environment</i> , 2022, 831, 154772.	8.0	3
10	Quantifying factors affecting contributions of roadway exhaust and non-exhaust emissions to ambient PM _{10-2.5} and PM _{2.5-0.2} particles. <i>Science of the Total Environment</i> , 2022, 835, 155368.	8.0	18
11	Long-term characterization of roadside air pollutants in urban Beijing and associated public health implications. <i>Environmental Research</i> , 2022, 212, 113277.	7.5	13
12	Measurement report: Interpretation of wide-range particulate matter size distributions in Delhi. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5415-5433.	4.9	7
13	Adverse pregnancy and perinatal outcomes in Latin America and the Caribbean: systematic review and meta-analysis. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2022, 46, 1.	1.1	11
14	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.	10.0	95
15	A study on the performance of low-cost sensors for source apportionment at an urban background site. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 4047-4061.	3.1	12
16	Spatial distribution of particulate matter on winter nights in Temuco, Chile: Studying the impact of residential wood-burning using mobile monitoring. <i>Atmospheric Environment</i> , 2022, 286, 119255.	4.1	5
17	An evaluation of source apportionment of fine OC and PM _{2.5} by multiple methods: APHH-Beijing campaigns as a case study. <i>Faraday Discussions</i> , 2021, 226, 290-313.	3.2	12
18	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.	3.2	9

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19	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.	4.1	102
20	Spatial and temporal trends in carbonaceous aerosols in the United Kingdom. <i>Atmospheric Pollution Research</i> , 2021, 12, 295-305.	3.8	14
21	General discussion: Aerosol formation and growth; VOC sources and secondary organic aerosols. <i>Faraday Discussions</i> , 2021, 226, 479-501.	3.2	1
22	Abrupt but smaller than expected changes in surface air quality attributable to COVID-19 lockdowns. <i>Science Advances</i> , 2021, 7, .	10.3	209
23	General discussion: Multiphase atmospheric chemistry, and source apportionment. <i>Faraday Discussions</i> , 2021, 226, 314-333.	3.2	0
24	General discussion: Sources, sinks and mitigation methods; evaluation of health impacts. <i>Faraday Discussions</i> , 2021, 226, 607-616.	3.2	0
25	Anthropogenic Perturbations to the Atmospheric Molybdenum Cycle. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006787.	4.9	12
26	Source forensics of inorganic and organic nitrogen using $\delta^{15}\text{N}$ for tropospheric aerosols over Mt. Tai. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	10
27	The effect of meteorological conditions and atmospheric composition in the occurrence and development of new particle formation (NPF) events in Europe. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3345-3370.	4.9	21
28	Estimation of hygroscopic growth properties of source-related sub-micrometre particle types in a mixed urban aerosol. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	7
29	Atmospheric conditions and composition that influence $\text{PM}_{2.5}$ oxidative potential in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 5549-5573.	4.9	38
30	More mileage in reducing urban air pollution from road traffic. <i>Environment International</i> , 2021, 149, 106329.	10.0	62
31	Ubiquitous atmospheric contamination by tobacco smoke: Nicotine and a new marker for tobacco smoke-derived particulate matter, nicotelline. <i>Environment International</i> , 2021, 150, 106417.	10.0	20
32	Source apportionment of carbonaceous aerosols in Beijing with radiocarbon and organic tracers: insight into the differences between urban and rural sites. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8273-8292.	4.9	15
33	Source apportionment of fine organic carbon at an urban site of Beijing using a chemical mass balance model. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7321-7341.	4.9	23
34	Open ocean and coastal new particle formation from sulfuric acid and amines around the Antarctic Peninsula. <i>Nature Geoscience</i> , 2021, 14, 383-388.	12.9	54
35	Assessing the sources of particles at an urban background site using both regulatory instruments and low-cost sensors – a comparative study. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 4139-4155.	3.1	14
36	Evaluation of aircraft emissions at London Heathrow Airport. <i>Atmospheric Environment</i> , 2021, 254, 118226.	4.1	10

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37	Strong evidence for the continued contribution of lead deposited during the 20th century to the atmospheric environment in London of today. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	68
38	Differentiation of coarse-mode anthropogenic, marine and dust particles in the High Arctic islands of Svalbard. Atmospheric Chemistry and Physics, 2021, 21, 11317-11335.	4.9	7
39	Chemical source profiles of fine particles for five different sources in Delhi. Chemosphere, 2021, 274, 129913.	8.2	25
40	Analysis of the air pollution climate of a central urban roadside supersite: London, Marylebone Road. Atmospheric Environment, 2021, 258, 118479.	4.1	14
41	On the nature of polycyclic aromatic hydrocarbons associated with sporting walkways dust: Concentrations, sources and relative health risk. Science of the Total Environment, 2021, 781, 146540.	8.0	13
42	Perinatal health impacts of air pollution mitigation policies: applying g formula to preterm birth in Temuco/Padre Las Casas, Chile. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
43	A phenomenology of new particle formation (NPF) at 13 European sites. Atmospheric Chemistry and Physics, 2021, 21, 11905-11925.	4.9	13
44	Organic compound source profiles of PM _{2.5} from traffic emissions, coal combustion, industrial processes and dust. Chemosphere, 2021, 278, 130429.	8.2	32
45	PM _{2.5} -bound silicon-containing secondary organic aerosols (Si-SOA) in Beijing ambient air. Chemosphere, 2021, 288, 132377.	8.2	5
46	Non-exhaust vehicle emissions of particulate matter and VOC from road traffic: A review. Atmospheric Environment, 2021, 262, 118592.	4.1	133
47	Associations between sources of particle number and mortality in four European cities. Environment International, 2021, 155, 106662.	10.0	16
48	Frontier review on comprehensive two-dimensional gas chromatography for measuring organic aerosol. Journal of Hazardous Materials Letters, 2021, 2, 100013.	3.6	9
49	Size~resolved source apportionment of particulate matter from a megacity in northern China based on one-year measurement of inorganic and organic components. Environmental Pollution, 2021, 289, 117932.	7.5	10
50	Long-term trends in nitrogen oxides concentrations and on-road vehicle emission factors in Copenhagen, London and Stockholm. Environmental Pollution, 2021, 290, 118105.	7.5	15
51	General discussion: Urban air quality; Meteorological influences and air quality trends. Faraday Discussions, 2021, 226, 191-206.	3.2	0
52	Insight into PM _{2.5} sources by applying positive matrix factorization (PMF) at urban and rural sites of Beijing. Atmospheric Chemistry and Physics, 2021, 21, 14703-14724.	4.9	35
53	Optimisation of a Numerical Model to Simulate the Dispersion and Chemical Transformations Within the Oxides of Nitrogen/Ozone System as Traffic Pollution Enters an Urban Greenspace. Earth Systems and Environment, 2021, 5, 927.	6.2	1
54	Size-resolved physico-chemical characterization of diesel exhaust particles and efficiency of exhaust aftertreatment. Atmospheric Environment, 2020, 222, 117021.	4.1	16

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55	Arctic ship-based evidence of new particle formation events in the Chukchi and East Siberian Seas. <i>Atmospheric Environment</i> , 2020, 223, 117232.	4.1	2
56	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.	10.4	105
57	Evaluation of ultrafine particle concentrations and size distributions at London Heathrow Airport. <i>Atmospheric Environment</i> , 2020, 222, 117148.	4.1	19
58	Traffic-induced multicomponent ultrafine particle microphysics in the WRF v3.6.1 large eddy simulation model: General behaviour from idealised scenarios at the neighbourhood-scale. <i>Atmospheric Environment</i> , 2020, 223, 117213.	4.1	9
59	Source apportionment of particle number size distribution in urban background and traffic stations in four European cities. <i>Environment International</i> , 2020, 135, 105345.	10.0	106
60	Enrichment of organic nitrogen in primary biological particles during advection over the North Atlantic. <i>Atmospheric Environment</i> , 2020, 222, 117160.	4.1	2
61	Neighbourhood-scale dispersion of traffic-induced ultrafine particles in central London: WRF large eddy simulations. <i>Environmental Pollution</i> , 2020, 266, 115223.	7.5	6
62	Airborne particulate matter. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190319.	3.4	40
63	Contribution of Water-Soluble Organic Matter from Multiple Marine Geographic Eco-Regions to Aerosols around Antarctica. <i>Environmental Science & Technology</i> , 2020, 54, 7807-7817.	10.0	13
64	On the annual variability of Antarctic aerosol size distributions at Halley Research Station. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 4461-4476.	4.9	21
65	Cleaning City Skies. <i>One Earth</i> , 2020, 2, 113-116.	6.8	0
66	Source apportionment of fine organic carbon (OC) using receptor modelling at a rural site of Beijing: Insight into seasonal and diurnal variation of source contributions. <i>Environmental Pollution</i> , 2020, 266, 115078.	7.5	19
67	Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7531-7552.	4.9	35
68	Behaviour of traffic emitted semi-volatile and intermediate volatility organic compounds within the urban atmosphere. <i>Science of the Total Environment</i> , 2020, 720, 137470.	8.0	20
69	Temporal variations of atmospheric black carbon and its relation to other pollutants and meteorological factors at an urban traffic site in Istanbul. <i>Atmospheric Pollution Research</i> , 2020, 11, 1051-1062.	3.8	20
70	Composition and emission factors of traffic- emitted intermediate volatility and semi-volatile hydrocarbons (C10–C36) at a street canyon and urban background sites in central London, UK. <i>Atmospheric Environment</i> , 2020, 231, 117448.	4.1	16
71	Long-term trends in PM2.5 mass and particle number concentrations in urban air: The impacts of mitigation measures and extreme events due to changing climates. <i>Environmental Pollution</i> , 2020, 263, 114500.	7.5	38
72	Molecular insights into new particle formation in Barcelona, Spain. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 10029-10045.	4.9	27

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73	Differences in the composition of organic aerosols between winter and summer in Beijing: a study by direct-infusion ultrahigh-resolution mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13303-13318.	4.9	15
74	A comparison of PM _{2.5} -bound polycyclic aromatic hydrocarbons in summer Beijing (China) and Delhi (India). <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14303-14319.	4.9	30
75	An interlaboratory comparison of aerosol inorganic ion measurements by ion chromatography: implications for aerosol pH estimate. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 6325-6341.	3.1	16
76	Cluster analysis of urban ultrafine particles size distributions. <i>Atmospheric Pollution Research</i> , 2019, 10, 45-52.	3.8	24
77	Experimental vapour pressures of eight n-alkanes (C ₁₇ , C ₁₈ , C ₂₀ , C ₂₂ , C ₂₄ , C ₂₆ , C ₂₈ and C ₃₁) measured at ambient temperatures. <i>Atmospheric Environment</i> , 2019, 213, 739-745.	4.1	11
78	Simultaneous measurements of aerosol size distributions at three sites in the European high Arctic. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7377-7395.	4.9	26
79	Surface ozone climatology of South Eastern Brazil and the impact of biomass burning events. <i>Journal of Environmental Management</i> , 2019, 252, 109645.	7.8	31
80	Insight into the composition of organic compounds (C ₆) in PM _{2.5} in wintertime in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10865-10881.	4.9	12
81	Characterization of Gas and Particulate Phase Organic Emissions (C ₉ –C ₃₇) from a Diesel Engine and the Effect of Abatement Devices. <i>Environmental Science & Technology</i> , 2019, 53, 11345-11352.	10.0	25
82	Assessing the impact of clean air action on air quality trends in Beijing using a machine learning technique. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11303-11314.	4.9	215
83	Receptor modelling of both particle composition and size distribution from a background site in London, UK – a two-step approach. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4863-4876.	4.9	12
84	Analysis of new particle formation (NPF) events at nearby rural, urban background and urban roadside sites. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5679-5694.	4.9	30
85	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.	4.9	95
86	High-time-resolution source apportionment of PM _{2.5} in Beijing with multiple models. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6595-6609.	4.9	77
87	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.	10.0	110
88	Simultaneous Detection of Alkylamines in the Surface Ocean and Atmosphere of the Antarctic Sympagic Environment. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 854-862.	2.7	34
89	Alkanes and aliphatic carbonyl compounds in wintertime PM _{2.5} in Beijing, China. <i>Atmospheric Environment</i> , 2019, 202, 244-255.	4.1	28
90	Aliphatic carbonyl compounds (C ₈ –C ₂₆) in wintertime atmospheric aerosol in London, UK. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2233-2246.	4.9	6

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91	Interpretation of particle number size distributions measured across an urban area during the FASTER campaign. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 39-55.	4.9	32
92	Observations of highly oxidized molecules and particle nucleation in the atmosphere of Beijing. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14933-14947.	4.9	26
93	Use of data imputation tools to reconstruct incomplete air quality datasets: A case-study in Temuco, Chile. <i>Atmospheric Environment</i> , 2019, 200, 40-49.	4.1	32
94	Chemical and Physical Properties of Indoor Aerosols. <i>Issues in Environmental Science and Technology</i> , 2019, , 66-96.	0.4	5
95	Comprehensive chemical characterization of lubricating oils used in modern vehicular engines utilizing GC-MS-TOFMS. <i>Fuel</i> , 2018, 220, 792-799.	6.4	43
96	Identification of specific sources of airborne particles emitted from within a complex industrial (steelworks) site. <i>Atmospheric Environment</i> , 2018, 183, 122-134.	4.1	14
97	Characterization of distinct Arctic aerosol accumulation modes and their sources. <i>Atmospheric Environment</i> , 2018, 183, 1-10.	4.1	36
98	Sensitivity of a Chemical Mass Balance model for PM _{2.5} to source profiles for differing styles of cooking. <i>Atmospheric Environment</i> , 2018, 178, 282-285.	4.1	15
99	Vertical variation of PM _{2.5} mass and chemical composition, particle size distribution, NO ₂ , and BTEX at a high rise building. <i>Environmental Pollution</i> , 2018, 235, 339-349.	7.5	47
100	Urban atmospheric chemistry: a very special case for study. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	6.8	42
101	Novel insights on new particle formation derived from a pan-european observing system. <i>Scientific Reports</i> , 2018, 8, 1482.	3.3	39
102	Climate and atmospheric science: raising the temperature. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	6.8	0
103	Factors controlling the lung dose of road traffic-generated sub-micrometre aerosols from outdoor to indoor environments. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 615-625.	3.3	14
104	Regions of open water and melting sea ice drive new particle formation in North East Greenland. <i>Scientific Reports</i> , 2018, 8, 6109.	3.3	36
105	Modelling traffic-induced multicomponent ultrafine particles in urban street canyon compartments: Factors that inhibit mixing. <i>Environmental Pollution</i> , 2018, 238, 186-195.	7.5	17
106	The influence of particle composition upon the evolution of urban ultrafine diesel particles on the neighbourhood scale. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17143-17155.	4.9	5
107	Diesel exhaust nanoparticles and their behaviour in the atmosphere. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20180492.	2.1	24
108	Vertical and horizontal distribution of regional new particle formation events in Madrid. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16601-16618.	4.9	30

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109	Mapping and quantifying isomer sets of hydrocarbons (C_{12} and C_{13}) in diesel exhaust, lubricating oil and diesel fuel samples using GC-MS. Atmospheric Measurement Techniques, 2018, 11, 3047-3058.		4
110	Global analysis of continental boundary layer new particle formation based on long-term measurements. Atmospheric Chemistry and Physics, 2018, 18, 14737-14756.	4.9	113
111	Technical note: Use of an atmospheric simulation chamber to investigate the effect of different engine conditions on unregulated VOC-IVOC diesel exhaust emissions. Atmospheric Chemistry and Physics, 2018, 18, 11073-11096.	4.9	21
112	Comparison of Machine Learning Approaches with a General Linear Model To Predict Personal Exposure to Benzene. Environmental Science & Technology, 2018, 52, 11215-11222.	10.0	15
113	Mechanisms of reactivity of benzo(a)pyrene and other PAH inferred from field measurements. Atmospheric Pollution Research, 2018, 9, 1214-1220.	3.8	3
114	Phenomenology of summer ozone episodes over the Madrid Metropolitan Area, central Spain. Atmospheric Chemistry and Physics, 2018, 18, 6511-6533.	4.9	42
115	Ozone balances in urban Saudi Arabia. Npj Climate and Atmospheric Science, 2018, 1, .	6.8	10
116	Characterization and source apportionment of carbonaceous PM _{2.5} particles in China - A review. Atmospheric Environment, 2018, 189, 187-212.	4.1	85
117	Current State of Particulate Air Quality. , 2018, , 1-19.		1
118	Diurnal variation of nanocluster aerosol concentrations and emission factors in a street canyon. Atmospheric Environment, 2018, 189, 98-106.	4.1	43
119	Abiotic and biotic sources influencing spring new particle formation in North East Greenland. Atmospheric Environment, 2018, 190, 126-134.	4.1	30
120	Non-technological Measures on Road Traffic to Abate Urban Air Pollution. , 2018, , 229-260.		4
121	Source apportionment of fine and coarse particles at a roadside and urban background site in London during the 2012 summer ClearfLo campaign. Environmental Pollution, 2017, 220, 766-778.	7.5	125
122	Physical properties and lung deposition of particles emitted from five major indoor sources. Air Quality, Atmosphere and Health, 2017, 10, 1-14.	3.3	75
123	Health risk associated with airborne particulate matter and its components in Jeddah, Saudi Arabia. Science of the Total Environment, 2017, 590-591, 531-539.	8.0	37
124	Air pollutionâ€‘aerosol interactions produce more bioavailable iron for ocean ecosystems. Science Advances, 2017, 3, e1601749.	10.3	182
125	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. Atmospheric Environment, 2017, 165, 88-98.	4.1	111
126	The influence of oddâ€‘even car trial on fine and coarse particles in Delhi. Environmental Pollution, 2017, 225, 20-30.	7.5	97

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127	Distinct high molecular weight organic compound (HMW-OC) types in aerosol particles collected at a coastal urban site. <i>Atmospheric Environment</i> , 2017, 171, 118-125.	4.1	3
128	Efficacy of Recent Emissions Controls on Road Vehicles in Europe and Implications for Public Health. <i>Scientific Reports</i> , 2017, 7, 1152.	3.3	33
129	Antarctic sea ice region as a source of biogenic organic nitrogen in aerosols. <i>Scientific Reports</i> , 2017, 7, 6047.	3.3	63
130	Loss processes affecting submicrometer particles in a house heavily affected by road traffic emissions. <i>Aerosol Science and Technology</i> , 2017, 51, 1201-1211.	3.1	9
131	Arctic sea ice melt leads to atmospheric new particle formation. <i>Scientific Reports</i> , 2017, 7, 3318.	3.3	101
132	Air quality across a European hotspot: Spatial gradients, seasonality, diurnal cycles and trends in the Veneto region, NE Italy. <i>Science of the Total Environment</i> , 2017, 576, 210-224.	8.0	56
133	Sources of sub-micrometre particles near a major international airport. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12379-12403.	4.9	43
134	Phenomenology of high-ozone episodes in NE Spain. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2817-2838.	4.9	45
135	Characterization of Traffic-Related Particulate Matter Emissions in a Road Tunnel in Birmingham, UK: Trace Metals and Organic Molecular Markers. <i>Aerosol and Air Quality Research</i> , 2017, 17, 117-130.	2.1	46
136	Source Apportionment of the Lung Dose of Ambient Submicrometre Particulate Matter. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1548-1557.	2.1	13
137	Timescales of mixing and of chemistry: general discussion. <i>Faraday Discussions</i> , 2016, 189, 253-276.	3.2	0
138	Modelling component evaporation and composition change of traffic-induced ultrafine particles during travel from street canyon to urban background. <i>Faraday Discussions</i> , 2016, 189, 529-546.	3.2	17
139	Chemical complexity of the urban atmosphere and its consequences: general discussion. <i>Faraday Discussions</i> , 2016, 189, 137-167.	3.2	1
140	Numerical modelling strategies for the urban atmosphere: general discussion. <i>Faraday Discussions</i> , 2016, 189, 635-660.	3.2	0
141	Molecular composition of organic aerosols at urban background and road tunnel sites using ultra-high resolution mass spectrometry. <i>Faraday Discussions</i> , 2016, 189, 51-68.	3.2	50
142	Using Variable Ionization Energy Time-of-Flight Mass Spectrometry with Comprehensive GC-MS To Identify Isomeric Species. <i>Analytical Chemistry</i> , 2016, 88, 4211-4220.	6.5	74
143	The characterisation of diesel exhaust particles – composition, size distribution and partitioning. <i>Faraday Discussions</i> , 2016, 189, 69-84.	3.2	50
144	Is particulate air pollution at the front door a good proxy of residential exposure?. <i>Environmental Pollution</i> , 2016, 213, 347-358.	7.5	12

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145	Recent advances in the application of 2-dimensional gas chromatography with soft and hard ionisation time-of-flight mass spectrometry in environmental analysis. <i>Chemical Science</i> , 2016, 7, 3968-3977.	7.4	32
146	Relationship of polycyclic aromatic hydrocarbons with oxy(quinone) and nitro derivatives during air mass transport. <i>Science of the Total Environment</i> , 2016, 572, 1175-1183.	8.0	30
147	Differential health effects of short-term exposure to source-specific particles in London, U.K.. <i>Environment International</i> , 2016, 97, 246-253.	10.0	38
148	Influence of petrochemical installations upon PAH concentrations at sites in Western Saudi Arabia. <i>Atmospheric Pollution Research</i> , 2016, 7, 954-960.	3.8	19
149	Urban case studies: general discussion. <i>Faraday Discussions</i> , 2016, 189, 473-514.	3.2	1
150	On the simultaneous deployment of two single-particle mass spectrometers at an urban background and a roadside site during SAPUSS. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 9693-9710.	4.9	27
151	Size-dependent chemical ageing of oleic acid aerosol under dry and humidified conditions. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 15561-15579.	4.9	15
152	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in five southern European cities. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3289-3309.	4.9	267
153	Emission of ultrafine particles from the incineration of municipal solid waste: A review. <i>Atmospheric Environment</i> , 2016, 140, 519-528.	4.1	45
154	Characterisation of iron-rich atmospheric submicrometre particles in the roadside environment. <i>Atmospheric Environment</i> , 2016, 140, 167-175.	4.1	70
155	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.	8.0	111
156	Evaporation of traffic-generated nanoparticles during advection from source. <i>Atmospheric Environment</i> , 2016, 125, 1-7.	4.1	29
157	Source apportionment of wide range particle size spectra and black carbon collected at the airport of Venice (Italy). <i>Atmospheric Environment</i> , 2016, 139, 56-74.	4.1	35
158	Factors, origin and sources affecting PM ₁ concentrations and composition at an urban background site. <i>Atmospheric Research</i> , 2016, 180, 262-273.	4.1	62
159	Analysis of size-segregated winter season aerosol data from New Delhi, India. <i>Atmospheric Pollution Research</i> , 2016, 7, 100-109.	3.8	40
160	Fine Iron Aerosols Are Internally Mixed with Nitrate in the Urban European Atmosphere. <i>Environmental Science & Technology</i> , 2016, 50, 4212-4220.	10.0	22
161	Detection of brake wear aerosols by aerosol time-of-flight mass spectrometry. <i>Atmospheric Environment</i> , 2016, 129, 167-175.	4.1	23
162	Case Studies of Source Apportionment and Suggested Measures at Southern European Cities. <i>Issues in Environmental Science and Technology</i> , 2016, , 168-263.	0.4	4

#	ARTICLE	IF	CITATIONS
163	Chapter 10 New Considerations for PM, Black Carbon, and Particle Number Concentration for Air Quality Monitoring Across Different European Cities. , 2016, , 177-218.		0
164	Diurnal variability of polycyclic aromatic compound (PAC) concentrations: Relationship with meteorological conditions and inferred sources. Atmospheric Environment, 2015, 122, 427-438.	4.1	45
165	Investigating a two-component model of solid fuel organic aerosol in London: processes, PM<sub>1</sub> contributions, and seasonality. Atmospheric Chemistry and Physics, 2015, 15, 2429-2443.	4.9	31
166	Receptor modelling of fine particles in southern England using CMB including comparison with AMS-PMF factors. Atmospheric Chemistry and Physics, 2015, 15, 2139-2158.	4.9	40
167	Sources and contributions of wood smoke during winter in London: assessing local and regional influences. Atmospheric Chemistry and Physics, 2015, 15, 3149-3171.	4.9	76
168	Traffic and nucleation events as main sources of ultrafine particles in high-insolation developed world cities. Atmospheric Chemistry and Physics, 2015, 15, 5929-5945.	4.9	161
169	Investigating the annual behaviour of submicron secondary inorganic and organic aerosols in London. Atmospheric Chemistry and Physics, 2015, 15, 6351-6366.	4.9	46
170	Receptor modelling of both particle composition and size distribution from a background site in London, UK. Atmospheric Chemistry and Physics, 2015, 15, 10107-10125.	4.9	87
171	Urinary metabolites of polycyclic aromatic hydrocarbons in Saudi Arabian schoolchildren in relation to sources of exposure. Environmental Research, 2015, 140, 495-501.	7.5	34
172	The PM 10 fraction of road dust in the UK and India: Characterization, source profiles and oxidative potential. Science of the Total Environment, 2015, 530-531, 445-452.	8.0	96
173	Clean air in Europe: beyond the horizon?. European Respiratory Journal, 2015, 45, 7-10.	6.7	26
174	Reducing the health effect of particles from agriculture. Lancet Respiratory Medicine,the, 2015, 3, 831-832.	10.7	21
175	Spatial and indoor/outdoor gradients in urban concentrations of ultrafine particles and PM 2.5 mass and chemical components. Atmospheric Environment, 2015, 103, 307-320.	4.1	32
176	Local and Regional Components of Aerosol in a Heavily Trafficked Street Canyon in Central London Derived from PMF and Cluster Analysis of Single-Particle ATOFMS Spectra. Environmental Science & Technology, 2015, 49, 3330-3340.	10.0	41
177	Characterization of ambient PM2.5 at a pollution hotspot in New Delhi, India and inference of sources. Atmospheric Environment, 2015, 109, 178-189.	4.1	217
178	Study of gaseous benzene effects upon A549 lung epithelial cells using a novel exposure system. Toxicology Letters, 2015, 237, 38-45.	0.8	13
179	Spatial, seasonal trends and transboundary transport of PM2.5 inorganic ions in the Veneto region (Northeastern Italy). Atmospheric Environment, 2015, 117, 19-31.	4.1	39
180	Factors Affecting the Ambient Physicochemical Properties of Cerium-Containing Particles Generated by Nanoparticle Diesel Fuel Additive Use. Aerosol Science and Technology, 2015, 49, 371-380.	3.1	15

#	ARTICLE	IF	CITATIONS
181	Quantification of air quality impacts of London Heathrow Airport (UK) from 2005 to 2012. Atmospheric Environment, 2015, 116, 308-319.	4.1	30
182	Civil aviation, air pollution and human health. Environmental Research Letters, 2015, 10, 041001.	5.2	37
183	Review of the efficacy of low emission zones to improve urban air quality in European cities. Atmospheric Environment, 2015, 111, 161-169.	4.1	210
184	New directions: Air pollution challenges for developing megacities like Delhi. Atmospheric Environment, 2015, 122, 657-661.	4.1	117
185	A review of hygroscopic growth factors of submicron aerosols from different sources and its implication for calculation of lung deposition efficiency of ambient aerosols. Air Quality, Atmosphere and Health, 2015, 8, 429-440.	3.3	43
186	Review: Particle number size distributions from seven major sources and implications for source apportionment studies. Atmospheric Environment, 2015, 122, 114-132.	4.1	179
187	On the Origin of AMS "Cooking Organic Aerosol" at a Rural Site. Environmental Science & Technology, 2015, 49, 13964-13972.	10.0	38
188	Meteorology, Air Quality, and Health in London: The ClearLo Project. Bulletin of the American Meteorological Society, 2015, 96, 779-804.	3.3	105
189	Receptor modelling study of polycyclic aromatic hydrocarbons in Jeddah, Saudi Arabia. Science of the Total Environment, 2015, 506-507, 401-408.	8.0	32
190	Polycyclic aromatic hydrocarbons, brachial artery distensibility and blood pressure among children residing near an oil refinery. Environmental Research, 2015, 136, 133-140.	7.5	46
191	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. Occupational and Environmental Medicine, 2015, 72, 49-56.	2.8	105
192	WORKSHOP ON THE SOURCES, QUANTIFICATION AND HEALTH IMPLICATIONS OF BIOAEROSOLS WORKSHOP REPORT. American Journal of Pharmacology and Toxicology, 2014, 9, 189-199.	0.7	2
193	Air pollution exposure affects circulating white blood cell counts in healthy subjects: the role of particle composition, oxidative potential and gaseous pollutants " the RAPTES project. Inhalation Toxicology, 2014, 26, 141-165.	1.6	72
194	Investigating PAH relative reactivity using congener profiles, quinone measurements and back trajectories. Atmospheric Chemistry and Physics, 2014, 14, 2467-2477.	4.9	53
195	Temporal variations of O3 and NOx in the urban background atmosphere of the coastal city Jeddah, Saudi Arabia. Atmospheric Environment, 2014, 94, 205-214.	4.1	56
196	Sensitivity of a Chemical Mass Balance model to different molecular marker traffic source profiles. Atmospheric Environment, 2014, 82, 238-249.	4.1	27
197	New Directions: Cleaning the air: Will the European Commission's clean air policy package of December 2013 deliver?. Atmospheric Environment, 2014, 91, 172-174.	4.1	8
198	A review of chemical and physical characterisation of atmospheric metallic nanoparticles. Atmospheric Environment, 2014, 94, 353-365.	4.1	134

#	ARTICLE	IF	CITATIONS
199	Ultrafine particles in cities. Environment International, 2014, 66, 1-10.	10.0	483
200	Mass and number size distributions of particulate matter components: Comparison of an industrial site and an urban background site. Science of the Total Environment, 2014, 475, 29-38.	8.0	92
201	Near-Road Modeling and Measurement of Cerium-Containing Particles Generated by Nanoparticle Diesel Fuel Additive Use. Environmental Science & Technology, 2014, 48, 10607-10613.	10.0	29
202	Use of a Versatile High Efficiency Multiparallel Denuder for the Sampling of PAHs in Ambient Air: Gas and Particle Phase Concentrations, Particle Size Distribution and Artifact Formation. Environmental Science & Technology, 2014, 48, 499-507.	10.0	36
203	Source apportionment of single particles sampled at the industrially polluted town of Port Talbot, United Kingdom by ATOFMS. Atmospheric Environment, 2014, 97, 155-165.	4.1	35
204	A review of receptor modelling of industrially emitted particulate matter. Atmospheric Environment, 2014, 97, 109-120.	4.1	131
205	Seasonal and diurnal variations of BTEX and their potential for ozone formation in the urban background atmosphere of the coastal city Jeddah, Saudi Arabia. Air Quality, Atmosphere and Health, 2014, 7, 467-480.	3.3	88
206	Characteristics of tyre dust in polluted air: Studies by single particle mass spectrometry (ATOFMS). Atmospheric Environment, 2014, 94, 224-230.	4.1	67
207	Urban air quality: The challenge of traffic non-exhaust emissions. Journal of Hazardous Materials, 2014, 275, 31-36.	12.4	314
208	Oxidative potential of particulate matter collected at sites with different source characteristics. Science of the Total Environment, 2014, 472, 572-581.	8.0	228
209	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.	7.5	207
210	Aircraft engine exhaust emissions and other airport-related contributions to ambient air pollution: A review. Atmospheric Environment, 2014, 95, 409-455.	4.1	335
211	Receptor modelling of airborne particulate matter in the vicinity of a major steelworks site. Science of the Total Environment, 2014, 490, 488-500.	8.0	72
212	Measurements of the aerosol chemical composition and mixing state in the Po Valley using multiple spectroscopic techniques. Atmospheric Chemistry and Physics, 2014, 14, 12109-12132.	4.9	46
213	Simplifying aerosol size distributions modes simultaneously detected at four monitoring sites during SAPUSS. Atmospheric Chemistry and Physics, 2014, 14, 2973-2986.	4.9	35
214	Size distribution, mixing state and source apportionment of black carbon aerosol in London during wintertime. Atmospheric Chemistry and Physics, 2014, 14, 10061-10084.	4.9	171
215	Variations in tropospheric submicron particle size distributions across the European continent 2008-2009. Atmospheric Chemistry and Physics, 2014, 14, 4327-4348.	4.9	41
216	Intercomparison and evaluation of global aerosol microphysical properties among AeroCom models of a range of complexity. Atmospheric Chemistry and Physics, 2014, 14, 4679-4713.	4.9	148

#	ARTICLE	IF	CITATIONS
217	Sources of PM in an Industrial Area: Comparison between Receptor Model Results and Semiempirical Calculations of Source Contributions. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1558-1572.	2.1	29
218	Ambient temperature and activation of implantable cardioverter defibrillators. <i>International Journal of Biometeorology</i> , 2013, 57, 655-662.	3.0	21
219	Cave aerosols: distribution and contribution to speleothem geochemistry. <i>Quaternary Science Reviews</i> , 2013, 63, 23-41.	3.0	73
220	Nanoparticle emissions from 11 non-vehicle exhaust sources – A review. <i>Atmospheric Environment</i> , 2013, 67, 252-277.	4.1	279
221	Quantitative determination of regional contributions to fine and coarse particle mass in urban receptor sites. <i>Environmental Pollution</i> , 2013, 176, 1-9.	7.5	32
222	Analysis of atmospheric concentrations of quinones and polycyclic aromatic hydrocarbons in vapour and particulate phases. <i>Atmospheric Environment</i> , 2013, 77, 974-982.	4.1	121
223	An evaluation of some issues regarding the use of aethalometers to measure woodsmoke concentrations. <i>Atmospheric Environment</i> , 2013, 80, 540-548.	4.1	79
224	The effect of varying primary emissions on the concentrations of inorganic aerosols predicted by the enhanced UK Photochemical Trajectory Model. <i>Atmospheric Environment</i> , 2013, 69, 211-218.	4.1	19
225	Emissions and indoor concentrations of particulate matter and its specific chemical components from cooking: A review. <i>Atmospheric Environment</i> , 2013, 71, 260-294.	4.1	397
226	Chemical reactivity and long-range transport potential of polycyclic aromatic hydrocarbons – a review. <i>Chemical Society Reviews</i> , 2013, 42, 9333.	38.1	556
227	Application of 2D-GCMS reveals many industrial chemicals in airborne particulate matter. <i>Atmospheric Environment</i> , 2013, 65, 101-111.	4.1	28
228	Bulk deposition close to a Municipal Solid Waste incinerator: One source among many. <i>Science of the Total Environment</i> , 2013, 456-457, 392-403.	8.0	23
229	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.	4.1	135
230	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.	4.1	877
231	Using atmospheric measurements of PAH and quinone compounds at roadside and urban background sites to assess sources and reactivity. <i>Atmospheric Environment</i> , 2013, 77, 24-35.	4.1	75
232	Atmospheric behaviour of particulate oxalate at UK urban background and rural sites. <i>Atmospheric Environment</i> , 2013, 71, 319-326.	4.1	34
233	Acute nasal pro-inflammatory response to air pollution depends on characteristics other than particle mass concentration or oxidative potential: the RAPTES project. <i>Occupational and Environmental Medicine</i> , 2013, 70, 341-348.	2.8	40
234	Components of ambient air pollution affect thrombin generation in healthy humans: the RAPTES project. <i>Occupational and Environmental Medicine</i> , 2013, 70, 332-340.	2.8	22

#	ARTICLE	IF	CITATIONS
235	The Policy Relevance of Wear Emissions from Road Transport, Now and in the Future”An International Workshop Report and Consensus Statement. Journal of the Air and Waste Management Association, 2013, 63, 136-149.	1.9	157
236	On the spatial distribution and evolution of ultrafine particles in Barcelona. Atmospheric Chemistry and Physics, 2013, 13, 741-759.	4.9	85
237	Presenting SAPLUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. Atmospheric Chemistry and Physics, 2013, 13, 8991-9019.	4.9	27
238	Receptor modelling of secondary and carbonaceous particulate matter at a southern UK site. Atmospheric Chemistry and Physics, 2013, 13, 1879-1894.	4.9	31
239	Light-absorbing carbon in Europe “ measurement and modelling, with a focus on residential wood combustion emissions. Atmospheric Chemistry and Physics, 2013, 13, 8719-8738.	4.9	51
240	Airborne Particulate Matter and Acute Lung Inflammation: Strak et al. Respond. Environmental Health Perspectives, 2013, 121, A11-2.	6.0	5
241	Composition of PM Affects Acute Vascular Inflammatory and Coagulative Markers - The RAPTES Project. PLoS ONE, 2013, 8, e58944.	2.5	55
242	The impact of wind on particle mass concentrations in four european urban areas. Global Nest Journal, 2013, 15, 188-194.	0.1	1
243	Mobility particle size spectrometers: harmonization of technical standards and data structure to facilitate high quality long-term observations of atmospheric particle number size distributions. Atmospheric Measurement Techniques, 2012, 5, 657-685.	3.1	689
244	Real-Time Measurements of Nonmetallic Fine Particulate Matter Adjacent to a Major Integrated Steelworks. Aerosol Science and Technology, 2012, 46, 639-653.	3.1	18
245	Respiratory Health Effects of Airborne Particulate Matter: The Role of Particle Size, Composition, and Oxidative Potential”The RAPTES Project. Environmental Health Perspectives, 2012, 120, 1183-1189.	6.0	288
246	Association between exhaled breath condensate nitrate + nitrite levels with ambient coarse particle exposure in subjects with airways disease. Occupational and Environmental Medicine, 2012, 69, 663-669.	2.8	28
247	Comparison of methods for evaluation of wood smoke and estimation of UK ambient concentrations. Atmospheric Chemistry and Physics, 2012, 12, 8271-8283.	4.9	96
248	Urban aerosol size distributions over the Mediterranean city of Barcelona, NE Spain. Atmospheric Chemistry and Physics, 2012, 12, 10693-10707.	4.9	67
249	Atmospheric chemistry and physics in the atmosphere of a developed megacity (London): an overview of the REPARTEE experiment and its conclusions. Atmospheric Chemistry and Physics, 2012, 12, 3065-3114.	4.9	124
250	Urban organic aerosols measured by single particle mass spectrometry in the megacity of London. Atmospheric Chemistry and Physics, 2012, 12, 4127-4142.	4.9	49
251	Particles, air quality, policy and health. Chemical Society Reviews, 2012, 41, 6606.	38.1	551
252	Comparative study of single particle characterisation by Transmission Electron Microscopy and time-of-flight aerosol mass spectrometry in the London atmosphere. Atmospheric Environment, 2012, 62, 400-407.	4.1	33

#	ARTICLE	IF	CITATIONS
253	Metallic nanoparticle enrichment at low temperature, shallow CO2 seeps in Southern Italy. <i>Marine Chemistry</i> , 2012, 140-141, 24-32.	2.3	17
254	Analysis of the air pollution climate at a background site in the Po valley. <i>Journal of Environmental Monitoring</i> , 2012, 14, 552-563.	2.1	67
255	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.	10.0	445
256	Diesel Particulate Filter Regeneration Strategies: Study of Hydrogen Addition on Biodiesel Fuelled Engines. <i>Energy & Fuels</i> , 2012, 26, 1192-1201.	5.1	8
257	Comparison of three techniques for analysis of data from an Aerosol Time-of-Flight Mass Spectrometer. <i>Atmospheric Environment</i> , 2012, 61, 316-326.	4.1	34
258	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.	4.0	89
259	Governing processes for reactive nitrogen compounds in the European atmosphere. <i>Biogeosciences</i> , 2012, 9, 4921-4954.	3.3	77
260	Processes affecting concentrations of fine particulate matter (PM2.5) in the UK atmosphere. <i>Atmospheric Environment</i> , 2012, 46, 115-124.	4.1	75
261	Critical review of receptor modelling for particulate matter: A case study of India. <i>Atmospheric Environment</i> , 2012, 49, 1-12.	4.1	289
262	A large reduction in airborne particle number concentrations at the time of the introduction of "sulphur free" diesel and the London Low Emission Zone. <i>Atmospheric Environment</i> , 2012, 50, 129-138.	4.1	76
263	Enhancements to the UK Photochemical Trajectory Model for simulation of secondary inorganic aerosol. <i>Atmospheric Environment</i> , 2012, 57, 278-288.	4.1	2
264	New Directions: Airborne ultrafine particle dust from building activities " A source in need of quantification. <i>Atmospheric Environment</i> , 2012, 56, 262-264.	4.1	24
265	PMF Analysis of Wide-Range Particle Size Spectra Collected on a Major Highway. <i>Environmental Science & Technology</i> , 2011, 45, 5522-5528.	10.0	178
266	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.	10.0	97
267	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.	10.0	170
268	Nitrogen processes in the atmosphere. , 2011, , 177-208.		35
269	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.	2.5	106
270	General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) " integrating aerosol research from nano to global scales. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 13061-13143.	4.9	278

#	ARTICLE	IF	CITATIONS
271	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.	4.9	317
272	A statistical analysis of North East Atlantic (submicron) aerosol size distributions. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12567-12578.	4.9	35
273	Boundary layer dynamics over London, UK, as observed using Doppler lidar during REPARTEE-II. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 2111-2125.	4.9	140
274	Remarkable dynamics of nanoparticles in the urban atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6623-6637.	4.9	100
275	Number size distributions and seasonality of submicron particles in Europe 2008–2009. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 5505-5538.	4.9	214
276	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
277	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.	8.0	84
278	Temporal trends in sulphate concentrations at European sites and relationships to sulphur dioxide. <i>Atmospheric Environment</i> , 2011, 45, 873-882.	4.1	33
279	Application of ¹⁴ C analyses to source apportionment of carbonaceous PM _{2.5} in the UK. <i>Atmospheric Environment</i> , 2011, 45, 2341-2348.	4.1	74
280	Properties of coarse particles in the atmosphere of the United Kingdom. <i>Atmospheric Environment</i> , 2011, 45, 3267-3276.	4.1	41
281	Variation in characteristics of ambient particulate matter at eight locations in the Netherlands – The RAPTES project. <i>Atmospheric Environment</i> , 2011, 45, 4442-4453.	4.1	35
282	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.	4.1	336
283	Temporal variations of atmospheric aerosol in four European urban areas. <i>Environmental Science and Pollution Research</i> , 2011, 18, 1202-1212.	5.3	32
284	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.	6.2	254
285	Physical, Chemical, and Oxidative Characterization of Particles From Locations With Contrast in Local Source Emissions: Exposure and Health Assessment in the Raptres Study. <i>Epidemiology</i> , 2011, 22, S219.	2.7	1
286	An Enhanced Procedure for the Merging of Atmospheric Particle Size Distribution Data Measured Using Electrical Mobility and Time-of-Flight Analysers. <i>Aerosol Science and Technology</i> , 2010, 44, 930-938.	3.1	30
287	Urban Ambient Particle Metrics and Health. <i>Epidemiology</i> , 2010, 21, 501-511.	2.7	300
288	Air Pollution and Activation of Implantable Cardioverter Defibrillators in London. <i>Epidemiology</i> , 2010, 21, 405-413.	2.7	44

#	ARTICLE	IF	CITATIONS
289	Linking urban aerosol fluxes in street canyons to larger scale emissions. Atmospheric Chemistry and Physics, 2010, 10, 2475-2490.	4.9	4
290	Night-time chemistry above London: measurements of NO ₂ and N ₂ O ₅ from the BT Tower. Atmospheric Chemistry and Physics, 2010, 10, 9781-9795.	4.9	65
291	Inferences over the sources and processes affecting polycyclic aromatic hydrocarbons in the atmosphere derived from measured data. Science of the Total Environment, 2010, 408, 2387-2393.	8.0	45
292	Size distribution of airborne particles controls outcome of epidemiological studies. Science of the Total Environment, 2010, 409, 289-293.	8.0	41
293	Identification of brake wear particles and derivation of a quantitative tracer for brake dust at a major road. Atmospheric Environment, 2010, 44, 141-146.	4.1	360
294	Source apportionment of fine particles at urban background and rural sites in the UK atmosphere. Atmospheric Environment, 2010, 44, 841-851.	4.1	166
295	The wind speed dependence of the concentrations of airborne particulate matter and NO _x . Atmospheric Environment, 2010, 44, 1682-1690.	4.1	111
296	Analysis of the air pollution climate at a central urban background site. Atmospheric Environment, 2010, 44, 2004-2012.	4.1	127
297	Variation of the mixing state of Saharan dust particles with atmospheric transport. Atmospheric Environment, 2010, 44, 3135-3146.	4.1	82
298	Lung function and indicators of exposure to indoor and outdoor particulate matter among asthma and COPD patients. Occupational and Environmental Medicine, 2010, 67, 2-10.	2.8	59
299	Analysis of Organic Nitrogen Compounds in Urban Aerosol Samples Using GCxGC-TOF/MS. Aerosol Science and Technology, 2010, 44, 109-116.	3.1	45
300	Explaining global surface aerosol number concentrations in terms of primary emissions and particle formation. Atmospheric Chemistry and Physics, 2010, 10, 4775-4793.	4.9	212
301	Outdoor air pollution is associated with rapid decline of lung function in α -1-antitrypsin deficiency. Occupational and Environmental Medicine, 2010, 67, 556-561.	2.8	35
302	Oxidant Generation and Toxicity of Size-Fractionated Ambient Particles in Human Lung Epithelial Cells. Environmental Science & Technology, 2010, 44, 3539-3545.	10.0	62
303	Particulate Oxidative Burden Associated with Firework Activity. Environmental Science & Technology, 2010, 44, 8295-8301.	10.0	95
304	Comparative Modeling Approaches for Personal Exposure to Particle-Associated PAH. Environmental Science & Technology, 2010, 44, 9370-9376.	10.0	12
305	Environmental and biological monitoring of exposures to PAHs and ETS in the general population. Environment International, 2010, 36, 763-771.	10.0	92
306	Determination of atmospheric particulate-phase polycyclic aromatic hydrocarbons from low volume air samples. Analytical Methods, 2010, 2, 231.	2.7	41

#	ARTICLE	IF	CITATIONS
307	Chemical speciation of PM _{2.5} particles at urban background and rural sites in the UK atmosphere. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1404.	2.1	36
308	Model Development and Validation of Personal Exposure to Volatile Organic Compound Concentrations. <i>Environmental Health Perspectives</i> , 2009, 117, 1571-1579.	6.0	31
309	Outdoor air pollution is associated with disease severity in α 1-antitrypsin deficiency. <i>European Respiratory Journal</i> , 2009, 34, 346-353.	6.7	20
310	Measurement of Personal Exposure to Volatile Organic Compounds and Particle Associated PAH in Three UK Regions. <i>Environmental Science & Technology</i> , 2009, 43, 4582-4588.	10.0	44
311	Cluster Analysis of Rural, Urban, and Curbside Atmospheric Particle Size Data. <i>Environmental Science & Technology</i> , 2009, 43, 4694-4700.	10.0	118
312	Real-time secondary aerosol formation during a fog event in London. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 2459-2469.	4.9	114
313	Real time chemical characterization of local and regional nitrate aerosols. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3709-3720.	4.9	82
314	Professor John Lester â€“ Thirty Years as Managing Editor. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 1-1.	2.2	0
315	Measurement and modeling of exposure to selected air toxics for health effects studies and verification by biomarkers. <i>Research Report (health Effects Institute)</i> , 2009, , 3-96; discussion 97-100.	1.6	14
316	Changes in iron speciation following a Saharan dust event in the tropical North Atlantic Ocean. <i>Marine Chemistry</i> , 2008, 110, 56-67.	2.3	63
317	Indoorâ€“outdoor relationships of particle number and mass in four European cities. <i>Atmospheric Environment</i> , 2008, 42, 156-169.	4.1	150
318	Pragmatic mass closure study for PM _{1.0} , PM _{2.5} and PM ₁₀ at roadside, urban background and rural sites. <i>Atmospheric Environment</i> , 2008, 42, 980-988.	4.1	151
319	Sources and processes affecting carbonaceous aerosol in central England. <i>Atmospheric Environment</i> , 2008, 42, 1413-1423.	4.1	117
320	New Directions: Why are PM ₁₀ concentrations in Europe not falling?. <i>Atmospheric Environment</i> , 2008, 42, 603-606.	4.1	98
321	Characterization of aerosol particles from grass mowing by joint deployment of ToF-AMS and ATOFMS instruments. <i>Atmospheric Environment</i> , 2008, 42, 3006-3017.	4.1	31
322	The weekdayâ€“weekend difference and the estimation of the non-vehicle contributions to the urban increment of airborne particulate matter. <i>Atmospheric Environment</i> , 2008, 42, 4467-4479.	4.1	26
323	Comparison of average particle number emission factors for heavy and light duty vehicles derived from rolling chassis dynamometer and field studies. <i>Atmospheric Environment</i> , 2008, 42, 7954-7966.	4.1	54
324	Sources and properties of non-exhaust particulate matter from road traffic: A review. <i>Science of the Total Environment</i> , 2008, 400, 270-282.	8.0	1,233

#	ARTICLE	IF	CITATIONS
325	Oxidant generation and toxicity in human A549 lung epithelial cells by size-fractionated atmospheric particles. <i>Toxicology Letters</i> , 2008, 180, S206.	0.8	3
326	Fingerprinting particle origins according to their size distribution at a UK rural site. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	31
327	Source apportionment of particulate matter in Europe: A review of methods and results. <i>Journal of Aerosol Science</i> , 2008, 39, 827-849.	3.8	812
328	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.	1.6	482
329	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.	3.1	86
330	Methodology for Performance Evaluation of Dust Control Systems with an Application to Electrostatic Precipitators. <i>Aerosol Science and Technology</i> , 2008, 42, 842-853.	3.1	3
331	Toward Direct Measurement of Atmospheric Nucleation. <i>Science</i> , 2007, 318, 89-92.	12.6	478
332	Graphical Analysis of the Performance of Venturi Scrubbers for Particle Abatement. Part I: Rapid Collection Efficiency Evaluation. <i>Aerosol Science and Technology</i> , 2007, 41, 51-62.	3.1	8
333	Graphical Analysis of the Performance of Venturi Scrubbers for Particle Abatement. Part II: Size Distribution of Penetrating Particles. <i>Aerosol Science and Technology</i> , 2007, 41, 63-74.	3.1	1
334	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.	4.9	138
335	Motor traffic and the pollution of the air: 100 years on. <i>Lancet, The</i> , 2007, 370, 936.	13.7	0
336	Air pollution: Sources, concentrations and measurements. , 2007, , 169-193.		4
337	Dependence of Home Outdoor Particulate Mass and Number Concentrations on Residential and Traffic Features in Urban Areas. <i>Journal of the Air and Waste Management Association</i> , 2007, 57, 1507-1517.	1.9	50
338	Factors influencing new particle formation at the rural site, Harwell, United Kingdom. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	60
339	Modelling of meteorological conditions at an urban scale for the PUMA campaigns. <i>Meteorological Applications</i> , 2007, 14, 311-326.	2.1	1
340	What are the sources and conditions responsible for exceedences of the 24h PM10 limit value ($50 \mu\text{g m}^{-3}$) at a heavily trafficked London site?. <i>Atmospheric Environment</i> , 2007, 41, 1960-1975.	4.1	75
341	Spatial variation of particle number and mass over four European cities. <i>Atmospheric Environment</i> , 2007, 41, 6622-6636.	4.1	122
342	Large eddy simulation of shading effects on NO2 and O3 concentrations within an idealised street canyon. <i>Atmospheric Environment</i> , 2007, 41, 7304-7314.	4.1	31

#	ARTICLE	IF	CITATIONS
343	Estimation of particle resuspension source strength on a major London Road. Atmospheric Environment, 2007, 41, 8007-8020.	4.1	125
344	Characterisation of indoor airborne particles by using real-time aerosol mass spectrometry. Science of the Total Environment, 2007, 384, 120-133.	8.0	28
345	Chapter 7. Biogeochemical Cycling of Chemicals. , 2007, , 314-346.		1
346	Human health implications of air pollution emissions from transport. Issues in Environmental Science and Technology, 2007, , 129-156.	0.4	0
347	An analysis of spatial and temporal properties of daily sulfate, nitrate and chloride concentrations at UK urban and rural sites. Journal of Environmental Monitoring, 2006, 8, 691.	2.1	42
348	Local and regional air pollution in Ireland during an intensive aerosol measurement campaign. Journal of Environmental Monitoring, 2006, 8, 479.	2.1	7
349	Intercomparison of Secondary Inorganic Aerosol Concentrations in the UK with Predictions of the Unified Danish Eulerian Model. Journal of Atmospheric Chemistry, 2006, 54, 43-66.	3.2	23
350	Trace Metal Concentrations and Water Solubility in Size-Fractionated Atmospheric Particles and Influence of Road Traffic. Environmental Science & Technology, 2006, 40, 1144-1153.	10.0	322
351	Single-Particle Detection Efficiencies of Aerosol Time-of-Flight Mass Spectrometry during the North Atlantic Marine Boundary Layer Experiment. Environmental Science & Technology, 2006, 40, 5029-5035.	10.0	59
352	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
353	Chemical and physical characteristics of aerosol particles at a remote coastal location, Mace Head, Ireland, during NAMBLEX. Atmospheric Chemistry and Physics, 2006, 6, 3289-3301.	4.9	47
354	Estimation of the emission factors of particle number and mass fractions from traffic at a site where mean vehicle speeds vary over short distances. Atmospheric Environment, 2006, 40, 7125-7137.	4.1	76
355	Chemical characterisation of single airborne particles in Athens (Greece) by ATOFMS. Atmospheric Environment, 2006, 40, 7614-7631.	4.1	111
356	Assessment of natural components of PM10 at UK urban and rural sites. Atmospheric Environment, 2006, 40, 7733-7741.	4.1	13
357	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
358	Model simulation of meteorology and air quality during the summer PUMA intensive measurement campaign in the UK West Midlands conurbation. Science of the Total Environment, 2006, 360, 26-42.	8.0	8
359	Particulate sulphate and nitrate in Southern England and Northern Ireland during 2002/3 and its formation in a photochemical trajectory model. Science of the Total Environment, 2006, 368, 769-780.	8.0	32
360	Effect of inhaled sulphur dioxide and carbon particles on heart rate variability and markers of inflammation and coagulation in human subjects. Heart, 2006, 92, 220-227.	2.9	109

#	ARTICLE	IF	CITATIONS
361	Composition, Sources, and Properties of Airborne Particulate Matter. <i>Epidemiology</i> , 2006, 17, S81.	2.7	0
362	Comments on "Prediction of the collection efficiency, the porosity, and the pressure drop across filter cakes in particulate air filtration" by A Y Al-Otoom (<i>Atmospheric Environment</i> Volume 39, pages) Tj ETQq0 040rgBT /Overlock 10		
363	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.	4.1	132
364	Interpretation of particulate elemental and organic carbon concentrations at rural, urban and kerbside sites. <i>Atmospheric Environment</i> , 2005, 39, 7114-7126.	4.1	93
365	Climate factors influencing bacterial count in background air samples. <i>International Journal of Biometeorology</i> , 2005, 49, 167-178.	3.0	124
366	Point sources of air pollution. <i>Occupational Medicine</i> , 2005, 55, 425-431.	1.4	91
367	Characterization of Humic Substances by Environmental Scanning Electron Microscopy. <i>Environmental Science & Technology</i> , 2005, 39, 1962-1966.	10.0	44
368	Estimation and forecasting hospital admissions due to Influenza: Planning for winter pressure. The case of the West Midlands, UK. <i>Journal of Applied Statistics</i> , 2005, 32, 191-205.	1.3	9
369	Fine (PM2.5) and Coarse (PM2.5-10) Particulate Matter on A Heavily Trafficked London Highway: Sources and Processes. <i>Environmental Science & Technology</i> , 2005, 39, 7768-7776.	10.0	187
370	Multisite Study of Particle Number Concentrations in Urban Air. <i>Environmental Science & Technology</i> , 2005, 39, 6063-6070.	10.0	73
371	Major component composition of urban PM10 and PM2.5 in Ireland. <i>Atmospheric Research</i> , 2005, 78, 149-165.	4.1	64
372	What is responsible for the carcinogenicity of PM2.5?. <i>Occupational and Environmental Medicine</i> , 2004, 61, 799-805.	2.8	73
373	The effects of meteorological factors on atmospheric bioaerosol concentrations—a review. <i>Science of the Total Environment</i> , 2004, 326, 151-180.	8.0	692
374	Key pollutants—airborne particles. <i>Science of the Total Environment</i> , 2004, 334-335, 3-8.	8.0	38
375	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.	4.1	108
376	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.	4.1	494
377	Major component composition of PM10 and PM2.5 from roadside and urban background sites. <i>Atmospheric Environment</i> , 2004, 38, 4531-4538.	4.1	191
378	A spatially refined monitoring based study of atmospheric nitrogen deposition. <i>Atmospheric Environment</i> , 2004, 38, 5045-5056.	4.1	18

#	ARTICLE	IF	CITATIONS
379	Field study of the influence of meteorological factors and traffic volumes upon suspended particle mass at urban roadside sites of differing geometries. <i>Atmospheric Environment</i> , 2004, 38, 6361-6369.	4.1	40
380	Indoor/outdoor relationships of organic carbon (OC) and elemental carbon (EC) in PM _{2.5} in roadside environment of Hong Kong. <i>Atmospheric Environment</i> , 2004, 38, 6327-6335.	4.1	90
381	Correlations in the chemical composition of rural background atmospheric aerosol in the UK determined in real time using time-of-flight mass spectrometry. <i>Journal of Environmental Monitoring</i> , 2004, 6, 124.	2.1	58
382	Characterization of individual airborne particles by using aerosol time-of-flight mass spectrometry at Mace Head, Ireland. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a.	3.3	57
383	Field intercomparison of filter pack and impactor sampling for aerosol nitrate, ammonium, and sulphate at coastal and inland sites. <i>Atmospheric Research</i> , 2004, 71, 215-232.	4.1	31
384	A study of trace metals and polycyclic aromatic hydrocarbons in the roadside environment. <i>Atmospheric Environment</i> , 2003, 37, 2391-2402.	4.1	235
385	Primary particle formation from vehicle emissions during exhaust dilution in the roadside atmosphere. <i>Atmospheric Environment</i> , 2003, 37, 4109-4119.	4.1	319
386	Characterisation and source attribution of the semi-volatile organic content of atmospheric particles and associated vapour phase in Birmingham, UK. <i>Atmospheric Environment</i> , 2003, 37, 4985-4991.	4.1	42
387	A pragmatic mass closure model for airborne particulate matter at urban background and roadside sites. <i>Atmospheric Environment</i> , 2003, 37, 4927-4933.	4.1	135
388	Observations of new particle formation in urban air. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	121
389	The generation and characterisation of elemental carbon aerosols for human challenge studies. <i>Journal of Aerosol Science</i> , 2003, 34, 1023-1041.	3.8	49
390	The Generation and Characterization of Metallic and Mixed Element Aerosols for Human Challenge Studies. <i>Aerosol Science and Technology</i> , 2003, 37, 975-987.	3.1	27
391	The effect of sulphurous air pollutant exposures on symptoms, lung function, exhaled nitric oxide, and nasal epithelial lining fluid antioxidant concentrations in normal and asthmatic adults. <i>Occupational and Environmental Medicine</i> , 2003, 60, 15e-15.	2.8	19
392	Personal exposure assessment in the epidemiology of air pollutants. <i>Occupational and Environmental Medicine</i> , 2003, 60, 458-a-459.	2.8	3
393	Hazardous waste landfill sites and congenital anomalies. <i>Occupational and Environmental Medicine</i> , 2003, 60, 79-80.	2.8	3
394	MEASUREMENT OF NUMBER, MASS AND SIZE DISTRIBUTION OF PARTICLES IN THE ATMOSPHERE. , 2003, , 1-18.		0
395	A Method for Measuring Particle Number Emissions from Vehicles Driving on the Road. <i>Environmental Technology (United Kingdom)</i> , 2002, 23, 1-14.	2.2	16
396	Effects of daily variation in outdoor particulates and ambient acid species in normal and asthmatic children. <i>Thorax</i> , 2002, 57, 489-502.	5.6	21

#	ARTICLE	IF	CITATIONS
397	Global Disposition Of Contaminants. , 2002, , .		1
398	Personal exposure monitoring of particulate matter, nitrogen dioxide, and carbon monoxide, including susceptible groups. Occupational and Environmental Medicine, 2002, 59, 671-679.	2.8	69
399	Levels and Sources of Personal Inhalation Exposure to Volatile Organic Compounds. Environmental Science & Technology, 2002, 36, 5405-5410.	10.0	76
400	Coastal new particle formation: Environmental conditions and aerosol physicochemical characteristics during nucleation bursts. Journal of Geophysical Research, 2002, 107, PAR 12-1.	3.3	121
401	Title is missing!. Journal of Atmospheric Chemistry, 2002, 41, 83-107.	3.2	8
402	Concentrations and Sources of VOCs in Urban Domestic and Public Microenvironments. Environmental Science & Technology, 2001, 35, 997-1004.	10.0	343
403	Temporal Trends, Temperature Dependence, and Relative Reactivity of Atmospheric Polycyclic Aromatic Hydrocarbons. Environmental Science & Technology, 2001, 35, 2264-2267.	10.0	116
404	The effect of exposure to sulphuric acid on the early asthmatic response to inhaled grass pollen allergen. European Respiratory Journal, 2001, 18, 640-646.	6.7	8
405	The effect of sulphur dioxide exposure on indices of heart rate variability in normal and asthmatic adults. European Respiratory Journal, 2001, 17, 604-608.	6.7	101
406	Study of a water-cooled fluidized bed for diesel particle agglomeration. Powder Technology, 2001, 115, 146-156.	4.2	19
407	Steady-state modelling of hydroxyl radical concentrations at Mace Head during the EASE '97 campaign, May 1997. Atmospheric Environment, 2001, 35, 515-524.	4.1	18
408	Sources and concentration of nanoparticles (<10nm diameter) in the urban atmosphere. Atmospheric Environment, 2001, 35, 1193-1202.	4.1	252
409	Studies of the coarse particle (2.5-10µm) component in UK urban atmospheres. Atmospheric Environment, 2001, 35, 3667-3679.	4.1	195
410	Comparison of ambient particle surface area measurement by epiphaniometer and SMPS/APS. Atmospheric Environment, 2001, 35, 6193-6200.	4.1	44
411	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.	2.8	190
412	Ultrafine particles in the atmosphere: introduction. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2000, 358, 2563-2565.	3.4	19
413	Impact of correcting peak flow for nonlinear errors on air pollutant effect estimates from a panel study. European Respiratory Journal, 2000, 15, 137-140.	6.7	4
414	Concentrations and Phase Distribution of Nitro-PAH in the Queensway Road Tunnel in Birmingham, United Kingdom. Polycyclic Aromatic Compounds, 2000, 20, 205-223.	2.6	4

#	ARTICLE	IF	CITATIONS
415	ACE-2 HILLCLOUD. An overview of the ACE-2 ground-based cloud experiment. Tellus, Series B: Chemical and Physical Meteorology, 2000, 52, 750-778.	1.6	44
416	Marine and land-based influences on atmospheric ammonia and ammonium over Tenerife. Tellus, Series B: Chemical and Physical Meteorology, 2000, 52, 273-289.	1.6	9
417	An overview of methods for the determination of trimethyllead in rainwater and urban dust reference materials. TrAC - Trends in Analytical Chemistry, 2000, 19, 195-199.	11.4	7
418	Influence of air mass back trajectory upon nitrogen compound composition. Atmospheric Environment, 2000, 34, 1519-1527.	4.1	7
419	Major component contributions to PM10 composition in the UK atmosphere. Atmospheric Environment, 2000, 34, 3129-3137.	4.1	70
420	Particulate matter in the atmosphere: which particle properties are important for its effects on health?. Science of the Total Environment, 2000, 249, 85-101.	8.0	957
421	Observations of new particle production in the atmosphere of a moderately polluted site in eastern England. Journal of Geophysical Research, 2000, 105, 17819-17832.	3.3	36
422	Quasi-Lagrangian investigation into dimethyl sulfide oxidation in maritime air using a combination of measurements and model. Journal of Geophysical Research, 2000, 105, 26379-26392.	3.3	13
423	Characterization of Particles from a Current Technology Heavy-Duty Diesel Engine. Environmental Science & Technology, 2000, 34, 748-755.	10.0	181
424	Comments on "Effects of Reducing Lead in Gasoline: An Analysis of the International Experience". Environmental Science & Technology, 2000, 34, 4252-4253.	10.0	5
425	Measurement of number, mass and size distribution of particles in the atmosphere. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2000, 358, 2567-2580.	3.4	121
426	Chemical Transformations in the North Sea Atmosphere. , 2000, , 89-96.		0
427	Analysis of incidence of childhood cancer in the West Midlands of the United Kingdom in relation to proximity to main roads and petrol stations. Occupational and Environmental Medicine, 1999, 56, 774-780.	2.8	111
428	Title is missing!. Journal of Atmospheric Chemistry, 1999, 33, 183-214.	3.2	22
429	Roadside and in-vehicle concentrations of monoaromatic hydrocarbons. Atmospheric Environment, 1999, 33, 191-204.	4.1	82
430	Measurements of the physical properties of particles in the urban atmosphere. Atmospheric Environment, 1999, 33, 309-321.	4.1	158
431	Carbonaceous aerosol in urban and rural European atmospheres: estimation of secondary organic carbon concentrations. Atmospheric Environment, 1999, 33, 2771-2781.	4.1	745
432	Continuous measurements of aerosol physical properties in the urban atmosphere. Atmospheric Environment, 1999, 33, 1037-1047.	4.1	40

#	ARTICLE	IF	CITATIONS
433	Budget of NO _y species measured at a coastal site. <i>Atmospheric Environment</i> , 1999, 33, 4255-4272.	4.1	29
434	Certification of trimethyl-lead in an urban dust reference material (CRM 605). <i>Applied Organometallic Chemistry</i> , 1999, 13, 1-7.	3.5	28
435	Development of a personal monitoring method for nitrogen dioxide and sulfur dioxide with Sep-Pak C18 cartridge sampling and ion chromatographic determination. <i>Journal of Environmental Monitoring</i> , 1999, 1, 423-426.	2.1	8
436	Nanoparticle formation in marine airmasses: contrasting behaviour of the open ocean and coastal environments. <i>Atmospheric Research</i> , 1999, 51, 1-14.	4.1	26
437	Measurements of ultrafine particle concentration and size distribution in the urban atmosphere. <i>Science of the Total Environment</i> , 1999, 235, 51-64.	8.0	227
438	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.	8.0	115
439	Particle size distribution from a modern heavy duty diesel engine. <i>Science of the Total Environment</i> , 1999, 235, 305-317.	8.0	101
440	An analysis of rapid increases in condensation nuclei concentrations at a remote coastal site in western Ireland. <i>Journal of Geophysical Research</i> , 1999, 104, 13771-13780.	3.3	39
441	An Improved Method for the Determination of 1,3-Butadiene in Nonoccupational Environments. <i>Environmental Science & Technology</i> , 1999, 33, 4342-4345.	10.0	16
442	The Contribution of Traffic to Atmospheric Concentrations of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science & Technology</i> , 1999, 33, 3538-3542.	10.0	175
443	Investigation of Ultrafine Particle Formation during Diesel Exhaust Dilution. <i>Environmental Science & Technology</i> , 1999, 33, 3730-3736.	10.0	257
444	Measurements of Reaction Coefficients of NO ₂ and HONO on Aerosol Particles. <i>Journal of Atmospheric Chemistry</i> , 1998, 30, 397-406.	3.2	43
445	Ambient background model (ABM). <i>Atmospheric Environment</i> , 1998, 32, 1881-1891.	4.1	9
446	Novel nighttime free radical chemistry in severe nitrogen dioxide pollution episodes. <i>Atmospheric Environment</i> , 1998, 32, 2769-2774.	4.1	26
447	Certifying the contents of trimethyllead in an artificial rainwater reference material. <i>Analyst</i> , The, 1998, 123, 971-976.	3.5	11
448	Spatial Correlation of Automatic Air Quality Monitoring at Urban Background Sites: Implications for Network Design. <i>Environmental Technology (United Kingdom)</i> , 1998, 19, 121-132.	2.2	19
449	Evaluation of personal exposure to monoaromatic hydrocarbons. <i>Occupational and Environmental Medicine</i> , 1998, 55, 249-257.	2.8	45
450	Traffic-related exposure to benzene and toluene. <i>International Journal of Vehicle Design</i> , 1998, 20, 55.	0.3	2

#	ARTICLE	IF	CITATIONS
451	Effects of traffic-related control strategies on urban air quality. International Journal of Vehicle Design, 1998, 20, 313.	0.3	8
452	Hypernutrified estuaries as sources of N ₂ O emission to the atmosphere:the estuary of the River Colne, Essex, UK. Marine Ecology - Progress Series, 1998, 164, 59-71.	1.9	96
453	N ₂ O, NO and NO ₂ fluxes from a grassland: Effect of soil pH. Soil Biology and Biochemistry, 1997, 29, 1199-1208.	8.8	135
454	Analysis and interpretation of measurements of suspended particulate matter at urban background sites in the United Kingdom. Science of the Total Environment, 1997, 203, 17-36.	8.0	42
455	Biogenic sulphur emissions and inferred non-sea-salt-sulphate cloud condensation nuclei in and around Antarctica. Journal of Geophysical Research, 1997, 102, 12839-12854.	3.3	107
456	Assessment of the Fate of Selected Adsorptive Pesticides at ADAS Rosemaund. Water and Environment Journal, 1997, 11, 24-30.	2.2	10
457	Measurements of concentration gradients of HNO ₂ and HNO ₃ over a semi-natural ecosystem: Discussion. Atmospheric Environment, 1997, 31, 2891-2892.	4.1	4
458	Comparative receptor modelling study of airborne particulate pollutants in Birmingham (United Kingdom). Atmospheric Environment, 1997, 31, 2891-2892.	4.1	136
459	Rapid NO ₂ formation in diluted petrol-fuelled engine exhaustâ€”A source of NO ₂ in winter smog episodes. Atmospheric Environment, 1997, 31, 3857-3866.	4.1	38
460	Regression modelling of hourly NO _x and NO ₂ concentrations in urban air in London. Atmospheric Environment, 1997, 31, 4081-4094.	4.1	125
461	Sources and processes affecting concentrations of PM ₁₀ and PM _{2.5} particulate matter in Birmingham (U.K.). Atmospheric Environment, 1997, 31, 4103-4117.	4.1	279
462	Concentrations, phase partitioning and deposition of specific alkyl-lead compounds in the atmosphere. Applied Organometallic Chemistry, 1997, 11, 889-901.	3.5	18
463	High nitrate, muddy estuaries as nitrogen sinks:the nitrogen budget of the River Colne estuary (United Kingdom). Atmospheric Environment, 1997, 31, 4103-4117.	1.9	139
464	Organolead Compounds in Mussels(<i>Mytilus galloprovincialis</i>)from the Eastern Adriatic Coast. Environmental Science & Technology, 1996, 30, 499-508.	10.0	18
465	Characteristics of urban and state emission inventoriesâ€”a comparison of examples from Europe and the United States. Science of the Total Environment, 1996, 189-190, 221-234.	8.0	16
466	Sources of nitrogen dioxide in winter smog episodes. Science of the Total Environment, 1996, 189-190, 391-399.	8.0	20
467	Measurements of airborne particulate and gaseous sulphur and nitrogen species in the area of the Azores, Atlantic Ocean. Atmospheric Environment, 1996, 30, 133-143.	4.1	13
468	Ammonia surface-exchange above an agricultural field in Southeast England. Atmospheric Environment, 1996, 30, 109-118.	4.1	80

#	ARTICLE	IF	CITATIONS
469	Concentrations, trends and vehicle source profile of polynuclear aromatic hydrocarbons in the U.K. atmosphere. <i>Atmospheric Environment</i> , 1996, 30, 2513-2525.	4.1	166
470	Concentrations of particulate airborne polycyclic aromatic hydrocarbons and metals collected in Lahore, Pakistan. <i>Atmospheric Environment</i> , 1996, 30, 4031-4040.	4.1	114
471	Atmospheric aerosol major ion composition and cloud condensation nuclei over the northeast Atlantic. <i>Journal of Geophysical Research</i> , 1996, 101, 4425-4434.	3.3	16
472	Tropospheric cycle of nitrous acid. <i>Journal of Geophysical Research</i> , 1996, 101, 14429-14439.	3.3	214
473	Dimethyl sulfide, methane sulfonic acid and physicochemical aerosol properties in Atlantic air from the United Kingdom to Halley Bay. <i>Journal of Geophysical Research</i> , 1996, 101, 22855-22867.	3.3	60
474	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.	10.0	1,163
475	Intercomparison of alkyllead compound determination in mussels and water by two analytical techniques: Gas chromatography atomic absorption spectrometry and differential pulse anodic stripping voltammetry. <i>Analytica Chimica Acta</i> , 1996, 326, 57-66.	5.4	18
476	Preparation of candidate reference materials for trimethyl-lead analysis and assessment of their homogeneity and stability. <i>Applied Organometallic Chemistry</i> , 1996, 10, 69-73.	3.5	7
477	Determination of Octanol-Water Partition Coefficients, Water Solubility and Vapour Pressures of Alkyl-lead Compounds. <i>Applied Organometallic Chemistry</i> , 1996, 10, 773-778.	3.5	7
478	Urban Levels of Polycyclic Aromatic Hydrocarbons and Nitro-PAH in Atmospheric Particles Sampled from Birmingham, UK and Damascus, Syria. <i>Polycyclic Aromatic Compounds</i> , 1996, 9, 201-208.	2.6	12
479	Vehicular Contributions to Primary Airborne Particulate Matter and Urban Air Quality. , 1996, , 213-223.		0
480	Interlaboratory programme for the quality control of trimethyllead determination in the environment. <i>Applied Organometallic Chemistry</i> , 1995, 9, 89-93.	3.5	18
481	Pesticide Transport to Surface Waters within an Agricultural Catchment. <i>Water and Environment Journal</i> , 1995, 9, 72-81.	2.2	51
482	Air pollution and COPD.. <i>Thorax</i> , 1995, 50, 917-918.	5.6	0
483	The ozone increments in urban plumes. <i>Science of the Total Environment</i> , 1995, 159, 91-99.	8.0	11
484	Use of a <i>Gammarus pulex</i> Bioassay to Measure the Effects of Transient Carbofuran Runoff from Farmland. <i>Ecotoxicology and Environmental Safety</i> , 1995, 30, 111-119.	6.0	74
485	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.	2.2	82
486	The chemical composition of airborne particles in the UK atmosphere. <i>Science of the Total Environment</i> , 1995, 168, 195-214.	8.0	86

#	ARTICLE	IF	CITATIONS
487	Effect of fertilizer application on NO and N ₂ O fluxes from agricultural fields. Journal of Geophysical Research, 1995, 100, 25923.	3.3	70
488	A multi-channel integrating nephelometer to measure real-time atmospheric aerosol scattering coefficients. Measurement Science and Technology, 1994, 5, 593-599.	2.6	1
489	Determination of heterogeneous reaction probability using deposition profile measurement in an annular reactor: Application to the N ₂ O ₅ /H ₂ O reaction. Journal of Atmospheric Chemistry, 1994, 18, 291-300.	3.2	19
490	Interlaboratory study for the quality control of trimethyl-lead determination in simulated rainwater and urban dust. Applied Organometallic Chemistry, 1994, 8, 703-708.	3.5	13
491	Dimethyl Sulphide in North Sea Waters and Sediments. Estuarine, Coastal and Shelf Science, 1994, 39, 209-217.	2.1	30
492	Evidence for a surface source of atmospheric nitrous acid. Atmospheric Environment, 1994, 28, 1089-1094.	4.1	131
493	Validation of techniques for fast response measurement of HNO ₃ and NH ₃ and determination of the [NH ₃] [HNO ₃] concentration product. Atmospheric Environment, 1994, 28, 247-255.	4.1	42
494	Atmospheric chemical transformations of nitrogen compounds measured in the north sea experiment, September 1991. Atmospheric Environment, 1994, 28, 1593-1599.	4.1	42
495	Estimation of the net air-sea flux of ammonia over the southern bight of the North Sea. Atmospheric Environment, 1994, 28, 3647-3654.	4.1	74
496	A comparison of the predictions of an eulerian atmospheric transport " chemistry model with experimental measurements over the North sea. Atmospheric Environment, 1994, 28, 497-516.	4.1	47
497	The atmospheric distributions of trace metals, trace organics and nitrogen species over the North Sea. , 1994, , 165-178.		10
498	Assessment of recent trends in concentrations of alkyl-lead compounds in rainwater. Applied Organometallic Chemistry, 1993, 7, 567-575.	3.5	12
499	The atmospheric input of nitrogen species to the North Sea. Tellus, Series B: Chemical and Physical Meteorology, 1993, 45, 53-63.	1.6	67
500	Accommodation coefficient for trace gas uptake using deposition profile measurement in an annular reactor. Journal of Atmospheric Chemistry, 1993, 17, 339-351.	3.2	14
501	Atmospheric dry deposition flux of metallic species to the North Sea. Atmospheric Environment Part A General Topics, 1993, 27, 685-695.	1.3	42
502	The use of selenoanalogues as specific inhibitors of thioaminoacid metabolism by sedimentary bacteria. Journal of Microbiological Methods, 1993, 18, 119-125.	1.6	1
503	A Perspective on Lead Pollution and Health 1972-1992. Journal of the Royal Society of Health, 1993, 113, 142-148.	0.2	2
504	The magnitude and relative environmental impact of air pollutant emissions from aerosol industry products. Environmental Technology (United Kingdom), 1992, 13, 867-873.	2.2	3

#	ARTICLE	IF	CITATIONS
505	Nitrous and nitric acid measurements at sites in South-East England. Atmospheric Environment Part A General Topics, 1992, 26, 235-241.	1.3	73
506	Factors influencing the atmospheric flux of reduced sulphur compounds from North Sea inter-tidal areas. Atmospheric Environment Part A General Topics, 1992, 26, 2381-2387.	1.3	12
507	The spatial distribution and particle size of some inorganic nitrogen, sulphur and chlorine species over the North Sea. Atmospheric Environment Part A General Topics, 1992, 26, 1689-1699.	1.3	106
508	Processes affecting concentrations of aerosol strong acidity at sites in eastern England. Atmospheric Environment Part A General Topics, 1992, 26, 2389-2399.	1.3	25
509	Assessment of the performance of a tunnel sampler and cascade impactor system for ambient air sampling. Journal of Aerosol Science, 1992, 23, 233-243.	3.8	11
510	The chemical composition of atmospheric aerosols: What can it tell us?. Journal of Aerosol Science, 1992, 23, 853-856.	3.8	3
511	Estimation of the rate constant for the reaction of acid sulphate aerosol with NH ₃ gas from atmospheric measurements. Journal of Atmospheric Chemistry, 1992, 15, 133-143.	3.2	48
512	Size distributions of atmospheric coarse aerosol species by a tunnel sampler employing single stage impactors. Journal of Aerosol Science, 1991, 22, S321-S324.	3.8	2
513	Dry deposition of fine aerosol to a short grass surface. Atmospheric Environment Part A General Topics, 1991, 25, 2671-2676.	1.3	33
514	Scavenging ratios and deposition of sulphur, nitrogen and chlorine species in eastern England. Atmospheric Environment Part A General Topics, 1991, 25, 1719-1723.	1.3	29
515	The role of biogenic hydrocarbons in the production of ozone in urban plumes in southeast England. Atmospheric Environment Part A General Topics, 1991, 25, 351-359.	1.3	29
516	The evaluation of an improved spinning top aerosol generator and comparison with its predecessor. Journal of Aerosol Science, 1991, 22, 101-110.	3.8	10
517	The atmospheric input flux of trace metals to the North Sea; A review and recommendations for research. Science of the Total Environment, 1991, 100, 301-318.	8.0	10
518	Comparison of indoor and outdoor concentrations of acid gases, ammonia and their associated salts. Environmental Technology (United Kingdom), 1990, 11, 315-326.	2.2	22
519	A comparison of smoke shade and gravimetric determination of suspended particulate matter in a semi-arid climate (Baghdad, Iraq). Atmospheric Environment Part A General Topics, 1990, 24, 1297-1301.	1.3	7
520	Kinetics of evaporation of ammonium chloride and ammonium nitrate aerosols. Atmospheric Environment Part A General Topics, 1990, 24, 1883-1888.	1.3	57
521	Field intercomparison of filter pack and denuder sampling methods for reactive gaseous and particulate pollutants. Atmospheric Environment Part A General Topics, 1990, 24, 2633-2640.	1.3	110
522	A numerical simulation of kinetic constraints upon achievement of the ammonium nitrate dissociation equilibrium in the troposphere. Atmospheric Environment Part A General Topics, 1990, 24, 91-102.	1.3	41

#	ARTICLE	IF	CITATIONS
523	The impact of local emissions on the formation of secondary pollutants in urban plumes. Science of the Total Environment, 1990, 93, 245-254.	8.0	4
524	Measurements of atmospheric HNO ₃ , HCl and associated species on a small network in eastern England. Atmospheric Environment Part A General Topics, 1990, 24, 369-376.	1.3	54
525	The optical properties and morphology of cloud-processed carbonaceous smoke. Journal of Aerosol Science, 1990, 21, 527-538.	3.8	76
526	Use of surrogate surfaces for dry deposition measurements. Journal of Aerosol Science, 1990, 21, S201-S204.	3.8	7
527	The prediction of droplet size and dispersity from a hydraulic hollow cone nozzle with consideration of physical and rheological properties. Journal of Aerosol Science, 1990, 21, S665-S668.	3.8	0
528	Land-surface exchange in a chemically-reactive system; surface fluxes of HNO ₃ , HCl and NH ₃ . Atmospheric Environment, 1989, 23, 1795-1800.	1.0	69
529	Semi-quantitative x-ray diffraction analysis of size fractionated atmospheric particles. Atmospheric Environment, 1989, 23, 1083-1098.	1.0	68
530	Field measurements of the dissociation of ammonium nitrate and ammonium chloride aerosols. Atmospheric Environment, 1989, 23, 1591-1599.	1.0	167
531	The use of nylon filters to collect hcl: efficiencies, interferences and ambient concentrations. Atmospheric Environment, 1989, 23, 1987-1996.	1.0	31
532	Environmental sources and sinks of alkyllead compounds. Applied Organometallic Chemistry, 1989, 3, 49-58.	3.5	10
533	The assessment of air and soil as contributors of some trace metals to vegetable plants I. Use of a filtered air growth cabinet. Science of the Total Environment, 1989, 83, 13-34.	8.0	107
534	The assessment of air and soil as contributors of some trace metals to vegetable plants II. Translocation of atmospheric and laboratory-generated cadmium aerosols to and within vegetable plants. Science of the Total Environment, 1989, 83, 35-45.	8.0	22
535	The assessment of air and soil as contributors of some trace metals to vegetable plants III. Experiments with field-grown plants. Science of the Total Environment, 1989, 83, 47-62.	8.0	41
536	Optical and dynamical properties of fractal clusters of carbonaceous smoke. Journal of Aerosol Science, 1989, 20, 765-774.	3.8	57
537	The effects of particle size on deposition rates. Journal of Aerosol Science, 1989, 20, 1155-1158.	3.8	12
538	The spinning top aerosol generator (STAG) MKII – A critical appraisal. Journal of Aerosol Science, 1989, 20, 1605-1608.	3.8	2
539	Research Needs in Understanding Processes of Transformation, and Dry and Wet Deposition of Atmospheric Metals. , 1989, , 355-364.		0
540	Speciation of butyltin compounds in oyster samples. Applied Organometallic Chemistry, 1988, 2, 151-157.	3.5	27

#	ARTICLE	IF	CITATIONS
541	A meso-scale study of the behaviour of atmospheric ammonia and ammonium. Atmospheric Environment, 1988, 22, 1347-1353.	1.0	58
542	Thermal speciation of atmospheric nitrate and chloride: a critical evaluation. Environmental Science & Technology, 1988, 22, 1305-1311.	10.0	12
543	Atmospheric speciation and wet deposition of alkyllead compounds. Environmental Science & Technology, 1988, 22, 517-522.	10.0	43
544	Studies of the optical properties and scavenging characteristics of smoke. Journal of Aerosol Science, 1988, 19, 841-843.	3.8	0
545	Critical evaluation of a wind tunnel and particle sizing system for use in aerosol generation and deposition studies. Journal of Aerosol Science, 1988, 19, 975-978.	3.8	2
546	Analysis of atmospheric ammonia and particulate ammonium by a sensitive fluorescence method. Environmental Science & Technology, 1988, 22, 948-952.	10.0	45
547	Comparative evaluation of indoor and outdoor air quality – chemical considerations. Environmental Technology Letters, 1988, 9, 521-530.	0.4	3
548	The effect of water treatment on the speciation and concentration of lead in domestic tap water derived from a soft upland source. Water Research, 1987, 21, 83-94.	11.3	26
549	pH and ionic strength dependence of the ASV response of cadmium, lead and zinc in solutions which simulate natural waters. Science of the Total Environment, 1987, 60, 35-44.	8.0	18
550	Concentrations and pathways of organolead compounds in the environment: A review. Science of the Total Environment, 1987, 59, 157-180.	8.0	54
551	Atmospheric concentrations and chemistry of alkyllead compounds and environmental alkylation of lead. Environmental Science & Technology, 1987, 21, 260-266.	10.0	36
552	Vapour pressure of ammonium chloride aerosol: Effect of temperature and humidity. Atmospheric Environment, 1987, 21, 2711-2715.	1.0	83
553	The use of Whatman 41 filter papers for high volume aerosol sampling. Atmospheric Environment, 1987, 21, 2734-2735.	1.0	4
554	The equilibrium of ammonium chloride aerosol with gaseous hydrochloric acid and ammonia under tropospheric conditions. Atmospheric Environment, 1987, 21, 1243-1246.	1.0	78
555	Concentrations, speciation and decomposition of organolead compounds in rainwater. Atmospheric Environment, 1987, 21, 2403-2411.	1.0	28
556	Optimization of single-column anion chromatography with indirect ultraviolet photometric and fluorimetric detection. Analytica Chimica Acta, 1987, 199, 41-47.	5.4	17
557	Propylation technique for the simultaneous determination of tetraalkyllead and ionic alkyllead species by gas chromatography atomic absorption. Analytical Chemistry, 1986, 58, 658-661.	6.5	68
558	Nitrogen and sulphur compounds. , 1986, , 279-341.		4

#	ARTICLE	IF	CITATIONS
559	Formation and decomposition of trialkyllead compounds in the atmosphere. Environmental Science & Technology, 1986, 20, 797-802.	10.0	22
560	The chemical composition of highway drainage waters IV. Alkyllead compounds in runoff waters. Science of the Total Environment, 1986, 50, 129-137.	8.0	18
561	Analysis of particulate pollutants. , 1986, , 155-214.		7
562	The determination of individual gaseous ionic alkyllead species in the atmosphere. Analytica Chimica Acta, 1986, 188, 229-238.	5.4	24
563	Bromine in marine aerosols and the origin, nature and quantity of natural atmospheric bromine. Atmospheric Environment, 1986, 20, 1485-1496.	1.0	29
564	Absence of tetraalkyllead vapours in the atmosphere of Beijing, China. Atmospheric Environment, 1986, 20, 413.	1.0	4
565	Bromine:Lead ratios in airborne particles from urban and rural sites. Atmospheric Environment, 1986, 20, 577-588.	1.0	41
566	The atmospheric effects of nuclear warâ€”A review. Atmospheric Environment, 1986, 20, 1673-1681.	1.0	9
567	The use of Br/Pb ratios in atmospheric particles to discriminate between vehicular and industrial lead sources in the vicinity of a lead worksâ€”I. Thorpe, West Yorkshire. Atmospheric Environment, 1986, 20, 833-843.	1.0	12
568	The use of Br/Pb ratios in atmospheric particles to discriminate between vehicular and industrial lead aerosol sources in the vicinity of a lead worksâ€”II. Ellesmere port, Cheshire. Atmospheric Environment, 1986, 20, 845-850.	1.0	8
569	Alkyllead compounds in surface and potable waters. Environmental Technology Letters, 1986, 7, 519-524.	0.4	19
570	Alkyllead compounds in dust, sediment and soil samples. Environmental Technology Letters, 1986, 7, 525-530.	0.4	12
571	Metal analysis. , 1986, , 215-277.		1
572	Secondary pollutants. , 1986, , 343-386.		0
573	Physico-chemical speciation techniques for atmospheric particles. , 1986, , 523-533.		0
574	Cadmium in the atmosphere. Exs, 1986, , 17-24.	1.4	3
575	Tree death: Is lead killing German forests?. Nature, 1985, 317, 674-674.	27.8	16
576	A sensitive, specific method for the determination of tetraalkyllead compounds in air by gas chromatography/atomic absorption spectrometry. Analytica Chimica Acta, 1985, 167, 277-287.	5.4	39

#	ARTICLE	IF	CITATIONS
577	Environmental analysis using gas chromatography – atomic absorption spectrometry. TrAC - Trends in Analytical Chemistry, 1985, 4, 8-11.	11.4	9
578	Dry deposition of ozone: some measurements of deposition velocity and of vertical profiles to 100 metres. Atmospheric Environment, 1985, 19, 1807-1818.	1.0	85
579	The concentrations of specific C ₂ –C ₆ hydrocarbons in the air of NW England. Atmospheric Environment, 1985, 19, 1899-1904.	1.0	28
580	The photochemical pollution episode of 5–16 July 1983 in North-West England. Atmospheric Environment, 1985, 19, 1921-1929.	1.0	13
581	Tropospheric concentrations of the hydroxyl radical – a review. Atmospheric Environment, 1985, 19, 545-554.	1.0	78
582	The frequency and causes of elevated concentrations of ozone at ground level at rural sites in north-west England. Atmospheric Environment, 1985, 19, 1577-1587.	1.0	22
583	Development of a technique for the determination of lead and bromine in atmospheric particles by X-ray fluorescence. Atmospheric Environment, 1985, 19, 1495-1502.	1.0	9
584	Determination of tetraalkyl and ionic alkyllead compounds in environmental samples by butylation and gas chromatography – atomic absorption. Environmental Technology Letters, 1985, 6, 129-136.	0.4	41
585	Development of sensitive GC-AAS instrumentation for analysis of organometallic species in the environment. International Journal of Environmental Analytical Chemistry, 1985, 21, 89-104.	3.3	9
586	The chemical composition of highway drainage waters I. Major ions and selected trace metals. Science of the Total Environment, 1985, 43, 63-77.	8.0	90
587	The chemical composition of highway drainage waters II. Chemical associations of metals in the suspended sediment. Science of the Total Environment, 1985, 43, 79-87.	8.0	29
588	The chemical composition of highway drainage waters III. Runoff water metal speciation characteristics. Science of the Total Environment, 1985, 43, 89-102.	8.0	21
589	An assessment of the contribution from paint flakes to the lead content of some street and household dusts. Science of the Total Environment, 1985, 44, 225-234.	8.0	30
590	Measurements of alkyllead compounds in the gas and aerosol phase in urban and rural atmospheres. Science of the Total Environment, 1985, 44, 235-244.	8.0	26
591	Deposition fluxes of lead, cadmium, copper and polynuclear aromatic hydrocarbons (PAH) on the verges of a major highway. Science of the Total Environment, 1985, 46, 121-135.	8.0	54
592	The budget of lead, copper and cadmium for a major highway. Science of the Total Environment, 1985, 46, 137-145.	8.0	42
593	Sources and Budget of Tropospheric Ozone at a Rural Site in North West England. , 1985, , 750-753.		0
594	Comment on the atmospheric distribution of lead over a number of marine regions. Marine Chemistry, 1984, 15, 189-190.	2.3	9

#	ARTICLE	IF	CITATIONS
595	Physico-chemical speciation and transformation reactions of particulate atmospheric nitrogen and sulphur compounds. Atmospheric Environment, 1984, 18, 1829-1833.	1.0	67
596	Cadmium in the atmosphere. Experientia, 1984, 40, 29-36.	1.2	28
597	Recent Advances In Air Pollution Analysis. CRC Critical Reviews in Analytical Chemistry, 1984, 15, 1-61.	1.8	1
598	Interfacing chromatographs with other techniques. Analytical Proceedings, 1984, 21, 415.	0.4	7
599	Ozoneâ€”secondary aerosolâ€”visibility relationships in North-West England. Science of the Total Environment, 1984, 34, 87-100.	8.0	52
600	Deposition of metallic and organic pollutants alongside the M6 motorway. Science of the Total Environment, 1984, 33, 119-127.	8.0	22
601	Lead in soils. , 1984, , 55-69.		3
602	Physicochemical Speciation of Inorganic Compounds in Environmental Media. , 1984, , 1-61.		3
603	PHYSICO-CHEMICAL SPECIATION AND TRANSFORMATION REACTIONS OF PARTICULATE ATMOSPHERIC NITROGEN AND SULPHUR COMPOUNDS. , 1984, , 1829-1833.		0
604	Lead in the atmosphere. , 1984, , 7-32.		1
605	Lead in water. , 1984, , 33-54.		0
606	Chemical analysis of lead in the environment. , 1984, , 159-165.		0
607	An investigation of the atmospheric HNO_3 - NH_3 - NH_4 - NO_3 equilibrium relationship in a cool, humid climate. Tellus, Series B: Chemical and Physical Meteorology, 1983, 35B, 155-159.	1.6	50
608	The measurement and interpretation of ratios in airborne particles. Atmospheric Environment, 1983, 17, 311-328.	1.0	106
609	A comparative study of the ionic composition of rainwater and atmospheric aerosols: Implications for the mechanism of acidification of rainwater. Atmospheric Environment, 1983, 17, 2539-2543.	1.0	53
610	Size-differentiated composition of inorganic atmospheric aerosols of both marine and polluted continental origin. Atmospheric Environment, 1983, 17, 1733-1738.	1.0	192
611	Kinetics of SO_2 oxidation over carbonaceous particles in the presence of H_2O , NO_2 , NH_3 and O_3 . Atmospheric Environment, 1983, 17, 1261-1275.	1.0	25
612	The efficiency of chelating resins for the pre-concentration of lead from tap water. Analytica Chimica Acta, 1983, 153, 307-311.	5.4	18

#	ARTICLE	IF	CITATIONS
613	Major ion composition and chemical associations of inorganic atmospheric aerosols. Environmental Science & Technology, 1983, 17, 169-174.	10.0	74
614	The use of physical separation techniques in trace metal speciation studies. Water Research, 1983, 17, 723-733.	11.3	75
615	Physico-chemical speciation of selected metals in the treated effluent of a lead-acid battery manufacturer and in the receiving river. Water Research, 1983, 17, 71-80.	11.3	29
616	Physico-chemical characterization of atmospheric trace metal emissions from a primary zinc-lead smelter. Science of the Total Environment, 1983, 31, 129-140.	8.0	16
617	Ambient air quality in the vicinity of a works manufacturing sulphuric acid, phosphoric acid and sodium tripolyphosphate. Science of the Total Environment, 1983, 27, 121-131.	8.0	4
618	A design for a filtered air cabinet used in the study of foliar uptake of airborne lead by crop plants. Environmental Technology Letters, 1983, 4, 291-296.	0.4	2
619	Airborne cadmium, lead and zinc at rural and urban sites in north-west England. Atmospheric Environment, 1982, 16, 2669-2681.	1.0	54
620	Characterization of airborne heavy metals within a primary zinc-lead smelting works. Environmental Science & Technology, 1981, 15, 1197-1204.	10.0	19
621	Chemical associations of lead, cadmium, copper, and zinc in street dusts and roadside soils. Environmental Science & Technology, 1981, 15, 1378-1383.	10.0	479
622	The physicochemical speciation of Cd, Pb, Cu, Fe and Mn in the final effluent of a sewage treatment works and its impact on speciation in the receiving river. Water Research, 1981, 15, 1053-1065.	11.3	76
623	A scheme for the physico-chemical speciation of trace metals in freshwater samples. Science of the Total Environment, 1981, 19, 59-82.	8.0	97
624	Apparatus for Simultaneous Size-Differentiated Sampling of Optical and Suboptical Aerosols: Application to Analysis of Nitrates and Sulfates. Journal of the Air Pollution Control Association, 1981, 31, 784-787.	0.5	12
625	Lead Pollution. , 1981, , .		81
626	Measurements of gaseous lead alkyls in polluted atmospheres. Atmospheric Environment, 1981, 15, 422-423.	1.0	5
627	Lead content of small mammals at a roadside site in relation to the pathways of exposure. Science of the Total Environment, 1981, 17, 145-154.	8.0	23
628	Cleaning methods for polythene containers prior to the determination of trace metals in fresh water samples. Analytical Chemistry, 1981, 53, 345-350.	6.5	249
629	Lead in the atmosphere. , 1981, , 7-32.		18
630	Lead in water. , 1981, , 33-54.		1

#	ARTICLE	IF	CITATIONS
631	Lead in soils. , 1981, , 55-69.		0
632	Chemical analysis of lead in the environment. , 1981, , 159-165.		0
633	A comparison of the predictions of a simple gaussian plume dispersion model with measurements of pollutant concentration at ground-level and aloft. Atmospheric Environment, 1980, 14, 589-596.	1.0	9
634	Ambient air quality at a coastal site in rural North-West England. Atmospheric Environment, 1980, 14, 233-244.	1.0	35
635	Physicochemical speciation of lead in drinking water. Nature, 1980, 286, 791-793.	27.8	39
636	Some measurements of low molecular weight hydrocarbons in an area with petrochemical industrialisation. Environmental Technology Letters, 1980, 1, 345-354.	0.4	4
637	A specific method for 24â€“48 hour analysis of tetraalkyl lead in air. Science of the Total Environment, 1980, 14, 31-42.	8.0	38
638	Chemical speciation of lead compounds in street dusts. Environmental Science & Technology, 1980, 14, 336-339.	10.0	91
639	Characterization and Classification of Atmospheric Sulfates. Journal of the Air Pollution Control Association, 1979, 29, 838-840.	0.5	30
640	The contribution of middle- and long-range transport of tropospheric photochemical ozone to pollution at a rural site in North-West England. Atmospheric Environment, 1979, 13, 1535-1545.	1.0	28
641	Some measurements of ambient air pollution arising from the manufacture of nitric acid and ammonium nitrate fertiliser. Atmospheric Environment, 1979, 13, 1105-1120.	1.0	27
642	The identification of specific chemical compounds in size-fractionated atmospheric particulates collected at roadside sites. Atmospheric Environment, 1979, 13, 1213-1216.	1.0	21
643	Atmospheric chemistry of automotive lead. Environmental Science & Technology, 1979, 13, 558-565.	10.0	87
644	Catalysis of nitric oxide decomposition by manganese oxide (Mn3O4). Environmental Science & Technology, 1979, 13, 673-676.	10.0	13
645	The balance of heavy metals through a sewage treatment works I. Lead, cadmium and copper. Science of the Total Environment, 1979, 12, 13-23.	8.0	85
646	Toxic metals in street and household dusts. Science of the Total Environment, 1979, 11, 89-97.	8.0	131
647	Identification of lead compounds in urban air. Nature, 1978, 272, 531-532.	27.8	21
648	Natural source of tetraalkyllead in air. Nature, 1978, 275, 738-740.	27.8	70

#	ARTICLE	IF	CITATIONS
649	Sink processes for tetraalkyllead compounds in the atmosphere. Environmental Science & Technology, 1978, 12, 1384-1392.	10.0	60
650	Authors' reply. Atmospheric Environment, 1978, 12, 957-958.	1.0	0
651	Nocturnal depletion of photochemical ozone at a rural site. Atmospheric Environment, 1978, 12, 2021-2026.	1.0	39
652	The analysis of tetraalkyl lead compounds and their significance as urban air pollutants. Atmospheric Environment, 1977, 11, 847-852.	1.0	51
653	Organolead compounds adsorbed upon atmospheric particulates: A minor component of urban air. Atmospheric Environment, 1977, 11, 201-203.	1.0	22
654	Generation of air pollutants from kerosene combustion in commercial and domestic glasshouses. Environmental Pollution (1970), 1977, 14, 93-100.	0.6	11
655	The highway as a source of water pollution: An appraisal with the heavy metal lead. Water Research, 1977, 11, 1-11.	11.3	109
656	Thermal rearrangements of tropolone ethers. Part 4. Journal of the Chemical Society Perkin Transactions 1, 1976, , 2403.	0.9	8
657	Municipal incinerator as source of polynuclear aromatic hydrocarbons in environment. Environmental Science & Technology, 1976, 10, 451-453.	10.0	103
658	Effect of water chlorination upon levels of some polynuclear aromatic hydrocarbons in water. Environmental Science & Technology, 1976, 10, 1151-1156.	10.0	26
659	Chemical kinetics of chlorination of some polynuclear aromatic hydrocarbons under conditions of water treatment processes. Environmental Science & Technology, 1976, 10, 1156-1160.	10.0	23
660	Factors affecting the extraction and analysis of polynuclear aromatic hydrocarbons in water. Water Research, 1976, 10, 207-212.	11.3	53
661	Organic lead in street dusts. Journal of Environmental Science and Health Part A, Environmental Science and Engineering, 1976, 11, 417-423.	0.1	11
662	Polynuclear aromatic hydrocarbons in raw, potable and waste waters. Water Research, 1975, 9, 331-346.	11.3	104
663	Lead and Cadmium in Precipitation: Their Contribution to Pollution. Journal of the Air Pollution Control Association, 1975, 25, 627-630.	0.5	23
664	An adsorption technique for the determination of organic lead in street air. Atmospheric Environment, 1974, 8, 1187-1194.	1.0	40
665	Claisen rearrangement of tropolone ethers. Part III. Journal of the Chemical Society Perkin Transactions 1, 1973, , 1960.	0.9	9
666	Claisen rearrangement of tropolone ethers. Part II.. Journal of the Chemical Society Perkin Transactions 1, 1973, , 1958.	0.9	2

#	ARTICLE	IF	CITATIONS
667	Claisen rearrangements of tropolone ethers. Part I. Journal of the Chemical Society C, Organic, 1971, , 3084.	0.2	2
668	Sea Ice Microbiota in the Antarctic Peninsula Modulates Cloud-Relevant Sea Spray Aerosol Production. Frontiers in Marine Science, 0, 9, .	2.5	3