

Roy Harrison

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

684
papers

37,368
citations

95
h-index

164
g-index

819
ext. papers

41,776
ext. citations

7.1
avg, IF

7.6
L-index

#	Paper	IF	Citations
684	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	3.2	
683	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	12.9	1
682	Morphological and nanostructure characteristics of soot particles emitted from a jet-stirred reactor burning aviation fuel. <i>Combustion and Flame</i> , 2022 , 236, 111760	5.3	3
681	PM-bound silicon-containing secondary organic aerosols (Si-SOA) in Beijing ambient air. <i>Chemosphere</i> , 2022 , 288, 132377	8.4	3
680	Formation of secondary organic aerosols from anthropogenic precursors in laboratory studies. <i>Npj Climate and Atmospheric Science</i> , 2022 , 5,	8	2
679	Source apportionment of indoor PM _{2.5} at a residential urban background site in Malta. <i>Atmospheric Environment</i> , 2022 , 119093	5.3	0
678	Leaching material from Antarctic seaweeds and penguin guano affects cloud-relevant aerosol production.. <i>Science of the Total Environment</i> , 2022 , 154772	10.2	
677	Quantifying factors affecting contributions of roadway exhaust and non-exhaust emissions to ambient PM and PM particles.. <i>Science of the Total Environment</i> , 2022 , 155368	10.2	1
676	Long-term characterization of roadside air pollutants in urban Beijing and associated public health implications.. <i>Environmental Research</i> , 2022 , 113277	7.9	0
675	Measurement report: Interpretation of wide-range particulate matter size distributions in Delhi. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 5415-5433	6.8	0
674	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, e21	4.1	1
673	Insight into PM _{2.5} sources by applying positive matrix factorization (PMF) at urban and rural sites of Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 14703-14724	6.8	4
672	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. <i>Earth Systems and Environment</i> , 2021 , 5, 927	7.5	0
671	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,	8	3
670	Atmospheric conditions and composition that influence PM oxidative potential in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 5549-5573	6.8	4
669	More mileage in reducing urban air pollution from road traffic. <i>Environment International</i> , 2021 , 149, 106329	12.9	25
668	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	12.9	8

667	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	6.8	4
666	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	6.8	8
665	Open ocean and coastal new particle formation from sulfuric acid and amines around the Antarctic Peninsula. <i>Nature Geoscience</i> , 2021 , 14, 383-388	18.3	20
664	Assessing the sources of particles at an urban background site using both regulatory instruments and low-cost sensors in a comparative study. <i>Atmospheric Measurement Techniques</i> , 2021 , 14, 4139-4155	4	2
663	Evaluation of aircraft emissions at London Heathrow Airport. <i>Atmospheric Environment</i> , 2021 , 254, 118226	3.6	2
662	Strong evidence for the continued contribution of lead deposited during the 20th century to the atmospheric environment in London of today. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	15
661	Differentiation of coarse-mode anthropogenic, marine and dust particles in the High Arctic islands of Svalbard. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 11317-11335	6.8	1
660	An evaluation of source apportionment of fine OC and PM by multiple methods: APHH-Beijing campaigns as a case study. <i>Faraday Discussions</i> , 2021 , 226, 290-313	3.6	6
659	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	3.6	4
658	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	5.3	34
657	Spatial and temporal trends in carbonaceous aerosols in the United Kingdom. <i>Atmospheric Pollution Research</i> , 2021 , 12, 295-305	4.5	5
656	Abrupt but smaller than expected changes in surface air quality attributable to COVID-19 lockdowns. <i>Science Advances</i> , 2021 , 7,	14.3	71
655	Anthropogenic Perturbations to the Atmospheric Molybdenum Cycle. <i>Global Biogeochemical Cycles</i> , 2021 , 35, e2020GB006787	5.9	1
654	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	6.8	8
653	Chemical source profiles of fine particles for five different sources in Delhi. <i>Chemosphere</i> , 2021 , 274, 129913	8.4	12
652	Analysis of the air pollution climate of a central urban roadside supersite: London, Marylebone Road. <i>Atmospheric Environment</i> , 2021 , 258, 118479	5.3	5
651	On the nature of polycyclic aromatic hydrocarbons associated with sporting walkways dust: Concentrations, sources and relative health risk. <i>Science of the Total Environment</i> , 2021 , 781, 146540	10.2	3
650	A phenomenology of new particle formation (NPF) at 13 European sites. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 11905-11925	6.8	4

649	Organic compound source profiles of PM from traffic emissions, coal combustion, industrial processes and dust. <i>Chemosphere</i> , 2021 , 278, 130429	8.4	5
648	Non-exhaust vehicle emissions of particulate matter and VOC from road traffic: A review. <i>Atmospheric Environment</i> , 2021 , 262, 118592	5.3	27
647	Associations between sources of particle number and mortality in four European cities. <i>Environment International</i> , 2021 , 155, 106662	12.9	2
646	Frontier review on comprehensive two-dimensional gas chromatography for measuring organic aerosol. <i>Journal of Hazardous Materials Letters</i> , 2021 , 2, 100013	3.3	3
645	Size-resolved source apportionment of particulate matter from a megacity in northern China based on one-year measurement of inorganic and organic components. <i>Environmental Pollution</i> , 2021 , 289, 117932	9.3	1
644	Long-term trends in nitrogen oxides concentrations and on-road vehicle emission factors in Copenhagen, London and Stockholm. <i>Environmental Pollution</i> , 2021 , 290, 118105	9.3	2
643	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	10.3	8
642	On the annual variability of Antarctic aerosol size distributions at Halley Research Station. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 4461-4476	6.8	13
641	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	9.3	15
640	Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 7531-7552	6.8	18
639	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	10.2	13
638	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, 10514-10629	4.5	9
637	Composition and emission factors of traffic-emitted intermediate volatility and semi-volatile hydrocarbons (C10-C16) at a street canyon and urban background sites in central London, UK. <i>Atmospheric Environment</i> , 2020 , 231, 117448	5.3	8
636	Long-term trends in PM 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	9.3	19
635	Molecular insights into new particle formation in Barcelona, Spain. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 10029-10045	6.8	14
634	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	6.8	6
633	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	6.8	14
632	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	4	9

631	Arctic ship-based evidence of new particle formation events in the Chukchi and East Siberian Seas. <i>Atmospheric Environment</i> , 2020 , 223, 117232	5.3	2
630	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	10.1	59
629	Evaluation of ultrafine particle concentrations and size distributions at London Heathrow Airport. <i>Atmospheric Environment</i> , 2020 , 222, 117148	5.3	10
628	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	5.3	6
627	Source apportionment of particle number size distribution in urban background and traffic stations in four European cities. <i>Environment International</i> , 2020 , 135, 105345	12.9	54
626	Enrichment of organic nitrogen in primary biological particles during advection over the North Atlantic. <i>Atmospheric Environment</i> , 2020 , 222, 117160	5.3	2
625	Neighbourhood-scale dispersion of traffic-induced ultrafine particles in central London: WRF large eddy simulations. <i>Environmental Pollution</i> , 2020 , 266, 115223	9.3	2
624	Airborne particulate matter. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020 , 378, 20190319	3	20
623	Size-resolved physico-chemical characterization of diesel exhaust particles and efficiency of exhaust aftertreatment. <i>Atmospheric Environment</i> , 2020 , 222, 117021	5.3	12
622	Characterization of Gas and Particulate Phase Organic Emissions (C-C) from a Diesel Engine and the Effect of Abatement Devices. <i>Environmental Science & Technology</i> , 2019 , 53, 11345-11352	10.3	14
621	Insight into the Composition of Organic Compounds (C_{10}) in $\text{PM}_{2.5}$ in Wintertime in Beijing, China 2019 ,		1
620	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	6.8	89
619	Receptor modelling of both particle composition and size distribution from a background site in London, UK in a two-step approach. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 4863-4876	6.8	6
618	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	6.8	20
617	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	6.8	73
616	High-time-resolution source apportionment of $\text{PM}_{2.5}$ in Beijing with multiple models. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 6595-6609	6.8	47
615	Ultrafine particles and PM in the air of cities around the world: Are they representative of each other?. <i>Environment International</i> , 2019 , 129, 118-135	12.9	57
614	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	3.2	23

613	Alkanes and aliphatic carbonyl compounds in wintertime PM _{2.5} in Beijing, China. <i>Atmospheric Environment</i> , 2019 , 202, 244-255	5.3	16
612	Aliphatic carbonyl compounds (C ₈ to C ₂₆) in wintertime atmospheric aerosol in London, UK. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 2233-2246	6.8	5
611	Assessing the impact of Clean Air Action Plan on Air Quality Trends in Beijing Megacity using a machine learning technique 2019 ,		1
610	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	6.8	21
609	Cluster analysis of urban ultrafine particles size distributions. <i>Atmospheric Pollution Research</i> , 2019 , 10, 45-52	4.5	19
608	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	5.3	9
607	Simultaneous measurements of aerosol size distributions at three sites in the European high Arctic. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 7377-7395	6.8	12
606	Surface ozone climatology of South Eastern Brazil and the impact of biomass burning events. <i>Journal of Environmental Management</i> , 2019 , 252, 109645	7.9	17
605	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	6.8	8
604	Chemical and Physical Properties of Indoor Aerosols. <i>Issues in Environmental Science and Technology</i> , 2019 , 66-96	0.7	4
603	Observations of highly oxidized molecules and particle nucleation in the atmosphere of Beijing. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 14933-14947	6.8	17
602	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	5.3	16
601	Comprehensive chemical characterization of lubricating oils used in modern vehicular engines utilizing GC-TOFMS. <i>Fuel</i> , 2018 , 220, 792-799	7.1	29
600	Identification of specific sources of airborne particles emitted from within a complex industrial (steelworks) site. <i>Atmospheric Environment</i> , 2018 , 183, 122-134	5.3	6
599	Characterization of distinct Arctic aerosol accumulation modes and their sources. <i>Atmospheric Environment</i> , 2018 , 183, 1-10	5.3	17
598	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	5.3	8
597	Vertical variation of PM mass and chemical composition, particle size distribution, NO, and BTEX at a high rise building. <i>Environmental Pollution</i> , 2018 , 235, 339-349	9.3	30
596	Urban atmospheric chemistry: a very special case for study. <i>Npj Climate and Atmospheric Science</i> , 2018 , 1,	8	26

595	Novel insights on new particle formation derived from a pan-european observing system. <i>Scientific Reports</i> , 2018 , 8, 1482	4.9	34
594	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	5.6	11
593	Regions of open water and melting sea ice drive new particle formation in North East Greenland. <i>Scientific Reports</i> , 2018 , 8, 6109	4.9	21
592	Modelling traffic-induced multicomponent ultrafine particles in urban street canyon compartments: Factors that inhibit mixing. <i>Environmental Pollution</i> , 2018 , 238, 186-195	9.3	11
591	Diurnal variation of nanocluster aerosol concentrations and emission factors in a street canyon. <i>Atmospheric Environment</i> , 2018 , 189, 98-106	5.3	29
590	Abiotic and biotic sources influencing spring new particle formation in North East Greenland. <i>Atmospheric Environment</i> , 2018 , 190, 126-134	5.3	21
589	Non-technological Measures on Road Traffic to Abate Urban Air Pollution 2018 , 229-260		3
588	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	6.8	4
587	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	2.4	16
586	High Time Resolution Source Apportionment of PM _{2.5} in Beijing with Multiple Models 2018 ,		1
585	Vertical and horizontal distribution of regional new particle formation events in Madrid 2018 ,		1
584	Analysis of New Particle Formation (NPF) Events at Nearby Rural, Urban Background and Urban Roadside Sites 2018 ,		1
583	Introduction to Special Issue "In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing) 2018 ,		3
582	Vertical and horizontal distribution of regional new particle formation events in Madrid. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 16601-16618	6.8	21
581	Mapping and quantifying isomer sets of hydrocarbons (C ₁₂) in diesel exhaust, lubricating oil and diesel fuel samples using GC-MS. <i>Atmospheric Measurement Techniques</i> , 2018 , 11, 3047-3058	4	31
580	Global analysis of continental boundary layer new particle formation based on long-term measurements. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 14737-14756	6.8	73
579	Technical note: Use of an atmospheric simulation chamber to investigate the effect of different engine conditions on unregulated VOC-IVOC diesel exhaust emissions. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 11073-11096	6.8	14
578	Global analysis of continental boundary layer new particle formation based on long-term measurements 2018 ,		2

577	Comparison of Machine Learning Approaches with a General Linear Model To Predict Personal Exposure to Benzene. <i>Environmental Science & Technology</i> , 2018 , 52, 11215-11222	10.3	5
576	Mechanisms of reactivity of benzo(a)pyrene and other PAH inferred from field measurements. <i>Atmospheric Pollution Research</i> , 2018 , 9, 1214-1220	4.5	3
575	Phenomenology of summer ozone episodes over the Madrid Metropolitan Area, central Spain. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 6511-6533	6.8	24
574	Ozone balances in urban Saudi Arabia. <i>Npj Climate and Atmospheric Science</i> , 2018 , 1,	8	9
573	Characterization and source apportionment of carbonaceous PM2.5 particles in China - A review. <i>Atmospheric Environment</i> , 2018 , 189, 187-212	5.3	56
572	Current State of Particulate Air Quality 2018 , 1-19		1
571	Source apportionment of fine and coarse particles at a roadside and urban background site in London during the 2012 summer ClearfLo campaign. <i>Environmental Pollution</i> , 2017 , 220, 766-778	9.3	94
570	Physical properties and lung deposition of particles emitted from five major indoor sources. <i>Air Quality, Atmosphere and Health</i> , 2017 , 10, 1-14	5.6	56
569	Health risk associated with airborne particulate matter and its components in Jeddah, Saudi Arabia. <i>Science of the Total Environment</i> , 2017 , 590-591, 531-539	10.2	30
568	Air pollution-aerosol interactions produce more bioavailable iron for ocean ecosystems. <i>Science Advances</i> , 2017 , 3, e1601749	14.3	128
567	Isotopic signatures suggest important contributions from recycled gasoline, road dust and non-exhaust traffic sources for copper, zinc and lead in PM 10 in London, United Kingdom. <i>Atmospheric Environment</i> , 2017 , 165, 88-98	5.3	69
566	The influence of odd-even car trial on fine and coarse particles in Delhi. <i>Environmental Pollution</i> , 2017 , 225, 20-30	9.3	62
565	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	5.3	2
564	Efficacy of Recent Emissions Controls on Road Vehicles in Europe and Implications for Public Health. <i>Scientific Reports</i> , 2017 , 7, 1152	4.9	23
563	Antarctic sea ice region as a source of biogenic organic nitrogen in aerosols. <i>Scientific Reports</i> , 2017 , 7, 6047	4.9	43
562	Loss processes affecting submicrometer particles in a house heavily affected by road traffic emissions. <i>Aerosol Science and Technology</i> , 2017 , 51, 1201-1211	3.4	7
561	Arctic sea ice melt leads to atmospheric new particle formation. <i>Scientific Reports</i> , 2017 , 7, 3318	4.9	67
560	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	10.2	37

559	Sources of sub-micrometre particles near a major international airport. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 12379-12403	6.8	31
558	Phenomenology of high-ozone episodes in NE Spain. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 2817-2838	6.8	33
557	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	4.6	32
556	Influence of petrochemical installations upon PAH concentrations at sites in Western Saudi Arabia. <i>Atmospheric Pollution Research</i> , 2016 , 7, 954-960	4.5	12
555	Urban case studies: general discussion. <i>Faraday Discussions</i> , 2016 , 189, 473-514	3.6	1
554	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	6.8	19
553	Size-dependent chemical ageing of oleic acid aerosol under dry and humidified conditions. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 15561-15579	6.8	10
552	AIRUSE-LIFE+: a harmonized PM speciation and source apportionment in five Southern European cities. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 3289-3309	6.8	191
551	Emission of ultrafine particles from the incineration of municipal solid waste: A review. <i>Atmospheric Environment</i> , 2016 , 140, 519-528	5.3	35
550	Characterisation of iron-rich atmospheric submicrometre particles in the roadside environment. <i>Atmospheric Environment</i> , 2016 , 140, 167-175	5.3	52
549	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	10.2	82
548	Evaporation of traffic-generated nanoparticles during advection from source. <i>Atmospheric Environment</i> , 2016 , 125, 1-7	5.3	22
547	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	5.3	25
546	Factors, origin and sources affecting PM1 concentrations and composition at an urban background site. <i>Atmospheric Research</i> , 2016 , 180, 262-273	5.4	44
545	Analysis of size-segregated winter season aerosol data from New Delhi, India. <i>Atmospheric Pollution Research</i> , 2016 , 7, 100-109	4.5	29
544	Fine Iron Aerosols Are Internally Mixed with Nitrate in the Urban European Atmosphere. <i>Environmental Science & Technology</i> , 2016 , 50, 4212-20	10.3	17
543	Detection of brake wear aerosols by aerosol time-of-flight mass spectrometry. <i>Atmospheric Environment</i> , 2016 , 129, 167-175	5.3	15
542	Case Studies of Source Apportionment and Suggested Measures at Southern European Cities. <i>Issues in Environmental Science and Technology</i> , 2016 , 168-263	0.7	4

541	Chapter 10 New Considerations for PM, Black Carbon, and Particle Number Concentration for Air Quality Monitoring Across Different European Cities 2016 , 177-218		
540	Intercomparison of four different cascade impactors for fine and ultrafine particle sampling in two European locations 2016 ,		6
539	Source Apportionment of the Lung Dose of Ambient Submicrometre Particulate Matter. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 1548-1557	4.6	11
538	Timescales of mixing and of chemistry: general discussion. <i>Faraday Discussions</i> , 2016 , 189, 253-76	3.6	
537	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, 529-46	3.6	13
536	Numerical modelling strategies for the urban atmosphere: general discussion. <i>Faraday Discussions</i> , 2016 , 189, 635-60	3.6	
535	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	3.6	31
534	Using Variable Ionization Energy Time-of-Flight Mass Spectrometry with Comprehensive GC/MS To Identify Isomeric Species. <i>Analytical Chemistry</i> , 2016 , 88, 4211-20	7.8	62
533	The characterisation of diesel exhaust particles - composition, size distribution and partitioning. <i>Faraday Discussions</i> , 2016 , 189, 69-84	3.6	38
532	Is particulate air pollution at the front door a good proxy of residential exposure?. <i>Environmental Pollution</i> , 2016 , 213, 347-358	9.3	10
531	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	8.4	26
530	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	10.2	22
529	Differential health effects of short-term exposure to source-specific particles in London, U.K. <i>Environment International</i> , 2016 , 97, 246-253	12.9	30
528	Characterization of ambient PM _{2.5} at a pollution hotspot in New Delhi, India and inference of sources. <i>Atmospheric Environment</i> , 2015 , 109, 178-189	5.3	157
527	Study of gaseous benzene effects upon A549 lung epithelial cells using a novel exposure system. <i>Toxicology Letters</i> , 2015 , 237, 38-45	4.4	11
526	Spatial, seasonal trends and transboundary transport of PM _{2.5} inorganic ions in the Veneto region (Northeastern Italy). <i>Atmospheric Environment</i> , 2015 , 117, 19-31	5.3	32
525	Factors Affecting the Ambient Physicochemical Properties of Cerium-Containing Particles Generated by Nanoparticle Diesel Fuel Additive Use. <i>Aerosol Science and Technology</i> , 2015 , 49, 371-380	3.4	15
524	Quantification of air quality impacts of London Heathrow Airport (UK) from 2005 to 2012. <i>Atmospheric Environment</i> , 2015 , 116, 308-319	5.3	23

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