

Xavier Querol

List of Publications by Year in descending order

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Version: 2024-02-01

710
papers

52,790
citations

1046

113
h-index

3487

182
g-index

784
all docs

784
docs citations

784
times ranked

30313
citing authors

#	ARTICLE	IF	CITATIONS
1	Wet-only sequential deposition in a rural area in north-eastern Spain. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 53, 40.	1.6	10
2	Variability of sub-micrometer particle number size distributions and concentrations in the Western Mediterranean regional background. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 65, 19243.	1.6	23
3	How can ventilation be improved on public transportation buses? Insights from CO2 measurements. <i>Environmental Research</i> , 2022, 205, 112451.	7.5	17
4	Primary and secondary organic winter aerosols in Mediterranean cities under different mixing layer conditions (Barcelona and Granada). <i>Environmental Science and Pollution Research</i> , 2022, 29, 36255-36272.	5.3	10
5	Compliance with 2021 WHO air quality guidelines across Europe will require radical measures. <i>Environmental Research Letters</i> , 2022, 17, 021002.	5.2	5
6	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and Their Application to COVID-19 Outbreaks. <i>Environmental Science & Technology</i> , 2022, 56, 1125-1137.	10.0	109
7	Significant enrichment of Rb and Cs in the Late Triassic coals from the Coc Sau surface mine, Cam Pha Coalfield, Quang Ninh Province, Vietnam. <i>Ore Geology Reviews</i> , 2022, 142, 104700.	2.7	4
8	Children's exposure to size-fractionated particulate matter: Chemical composition and internal dose. <i>Science of the Total Environment</i> , 2022, 823, 153745.	8.0	5
9	Chemistry and particle size distribution of respirable coal dust in underground mines in Central Eastern Europe. <i>International Journal of Coal Science and Technology</i> , 2022, 9, 1.	6.0	11
10	Advanced instrumental approaches for chemical characterization of indoor particulate matter. <i>Applied Spectroscopy Reviews</i> , 2022, 57, 705-745.	6.7	13
11	Increasing atmospheric dust transport towards the western Mediterranean over 1948–2020. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	6.8	17
12	Chemical Speciation and Leaching Behavior of Hazardous Trace Elements in Coal Combustion Products from Coal-Fired Power Stations in China. <i>ACS Omega</i> , 2022, 7, 14697-14711.	3.5	1
13	Air pollution and climate change threats to plant ecosystems. <i>Environmental Research</i> , 2022, 212, 113420.	7.5	1
14	Characterization of deposited dust and its respirable fractions in underground coal mines: Implications for oxidative potential-driving species and source apportionment. <i>International Journal of Coal Geology</i> , 2022, 258, 104017.	5.0	11
15	Particulate matter indoors: a strategy to sample and monitor size-selective fractions. <i>Applied Spectroscopy Reviews</i> , 2022, 57, 675-704.	6.7	10
16	Characterisation of non-exhaust emissions from road traffic in Lisbon. <i>Atmospheric Environment</i> , 2022, 286, 119221.	4.1	10
17	2011–2020 trends of urban and regional ammonia in and around Barcelona, NE Spain. <i>Chemosphere</i> , 2022, 304, 135347.	8.2	8
18	Geological Controls on Geochemical Anomaly of the Carbonaceous Mudstones in Xianan Coalfield, Guangxi Province, China. <i>Energies</i> , 2022, 15, 5196.	3.1	1

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19	Absorption enhancement of black carbon particles in a Mediterranean city and countryside: effect of particulate matter chemistry, ageing and trend analysis. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 8439-8456.	4.9	10
20	Geochemical Characteristics of Early Permian Pyroclastic Rocks in the Jimunai Basin, West Junggar, Xinjiang (NW China): Implications for Provenance and Tectonic Setting. <i>Acta Geologica Sinica</i> , 2021, 95, 794-809.	1.4	2
21	Trends in primary and secondary particle number concentrations in urban and regional environments in NE Spain. <i>Atmospheric Environment</i> , 2021, 244, 117982.	4.1	5
22	Evaluation of chemical stabilisation methods of coal-petcoke fly ash to reduce the mobility of Mo and Ni against environmental concerns. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111488.	6.0	3
23	Source contribution and origin of PM10 and arsenic in a complex industrial region (Huelva, SW Spain). <i>Environmental Pollution</i> , 2021, 274, 116268.	7.5	11
24	Behaviour and speciation of inorganic trace pollutants in a coal-fired power plant equipped with DENOX-SCR-ESP-NH3FGD controls. <i>Fuel</i> , 2021, 289, 119927.	6.4	5
25	Quantitative assessment of the variability in chemical profiles from source apportionment analysis of PM10 and PM2.5 at different sites within a large metropolitan area. <i>Environmental Research</i> , 2021, 192, 110257.	7.5	20
26	Aircraft vertical profiles during summertime regional and Saharan dust scenarios over the north-western Mediterranean basin: aerosol optical and physical properties. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 431-455.	4.9	7
27	Global Air Quality and COVID-19 Pandemic: Do We Breathe Cleaner Air?. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200567.	2.1	20
28	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. <i>Environment International</i> , 2021, 147, 106326.	10.0	119
29	Comprehensive evaluation of potential coal mine dust emissions in an open-pit coal mine in Northwest China. <i>International Journal of Coal Geology</i> , 2021, 235, 103677.	5.0	40
30	Anthropogenic Perturbations to the Atmospheric Molybdenum Cycle. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006787.	4.9	12
31	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
32	A multidisciplinary study and palaeoenvironmental interpretation of middle Miocene Keles lignite (Harmanck Basin, NW Turkey), with emphasis on syngenetic zeolite formation. <i>International Journal of Coal Geology</i> , 2021, 237, 103691.	5.0	29
33	Geological Controls on Enrichment of Rare Earth Elements and Yttrium (REY) in Late Permian Coals and Non-Coal Rocks in the Xianman Coalfield, Guangxi Province. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 301.	2.0	5
34	The case of a southern European glacier which survived Roman and medieval warm periods but is disappearing under recent warming. <i>Cryosphere</i> , 2021, 15, 1157-1172.	3.9	11
35	Bioaerosols in public and tourist buses. <i>Aerobiologia</i> , 2021, 37, 525-541.	1.7	2
36	Relationship between ambient black carbon and daily mortality in Tehran, Iran: a distributed lag nonlinear time series analysis. <i>Journal of Environmental Health Science & Engineering</i> , 2021, 19, 907-916.	3.0	3

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37	The influence of COVID-19 preventive measures on the air quality in Abu Dhabi (United Arab Emirates). <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 1071-1079.	3.3	16
38	Organophosphate esters in airborne particles from subway stations. <i>Science of the Total Environment</i> , 2021, 769, 145105.	8.0	19
39	Increase in secondary organic aerosol in an urban environment. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8323-8339.	4.9	25
40	A paradigm shift to combat indoor respiratory infection. <i>Science</i> , 2021, 372, 689-691.	12.6	192
41	Quantifying traffic, biomass burning and secondary source contributions to atmospheric particle number concentrations at urban and suburban sites. <i>Science of the Total Environment</i> , 2021, 768, 145282.	8.0	26
42	2005–2018 trends in ozone peak concentrations and spatial contributions in the Guadalquivir Valley, southern Spain. <i>Atmospheric Environment</i> , 2021, 254, 118385.	4.1	13
43	Lessons from the COVID-19 air pollution decrease in Spain: Now what?. <i>Science of the Total Environment</i> , 2021, 779, 146380.	8.0	80
44	Understanding the local and remote source contributions to ambient O ₃ during a pollution episode using a combination of experimental approaches in the Guadalquivir valley, southern Spain. <i>Science of the Total Environment</i> , 2021, 777, 144579.	8.0	6
45	Short-term health effects from outdoor exposure to biomass burning emissions: A review. <i>Science of the Total Environment</i> , 2021, 781, 146739.	8.0	64
46	A phenomenology of new particle formation (NPF) at 13 European sites. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11905-11925.	4.9	13
47	Determination of the multiple-scattering correction factor and its cross-sensitivity to scattering and wavelength dependence for different AE33 Aethalometer filter tapes: a multi-instrumental approach. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 6335-6355.	3.1	31
48	Associations between sources of particle number and mortality in four European cities. <i>Environment International</i> , 2021, 155, 106662.	10.0	16
49	The state of science on severe air pollution episodes: Quantitative and qualitative analysis. <i>Environment International</i> , 2021, 156, 106732.	10.0	26
50	Compositional changes of PM _{2.5} in NE Spain during 2009–2018: A trend analysis of the chemical composition and source apportionment. <i>Science of the Total Environment</i> , 2021, 795, 148728.	8.0	18
51	Short-term effect of air pollution on attention function in adolescents (ATENC!Ã): A randomized controlled trial in high schools in Barcelona, Spain. <i>Environment International</i> , 2021, 156, 106614.	10.0	4
52	Geochemistry and oxidative potential of the respirable fraction of powdered mined Chinese coals. <i>Science of the Total Environment</i> , 2021, 800, 149486.	8.0	9
53	A global observational analysis to understand changes in air quality during exceptionally low anthropogenic emission conditions. <i>Environment International</i> , 2021, 157, 106818.	10.0	126
54	Mineralogical and geochemical variations from coal to deposited dust and toxicity of size-segregated respirable dust in a blasting mining underground coal mine in Hunan Province, South China. <i>International Journal of Coal Geology</i> , 2021, 248, 103863.	5.0	11

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55	Switzerland's PM10 and PM2.5 environmental increments show the importance of non-exhaust emissions. <i>Atmospheric Environment: X</i> , 2021, 12, 100145.	1.4	3
56	Public Transport Strikes and Their Relationships With Air Pollution, Mortality, and Hospital Admissions. <i>American Journal of Epidemiology</i> , 2020, 189, 116-119.	3.4	1
57	The geochemical evolution of brines from phosphogypsum deposits in Huelva (SW Spain) and its environmental implications. <i>Science of the Total Environment</i> , 2020, 700, 134444.	8.0	11
58	Spatial hazard assessment of the PM10 using machine learning models in Barcelona, Spain. <i>Science of the Total Environment</i> , 2020, 701, 134474.	8.0	91
59	Understanding the impact of FGD technologies on the emissions of key pollutants in a Co-Firing power plant. <i>Journal of the Energy Institute</i> , 2020, 93, 518-532.	5.3	6
60	Emissions and source allocation of carbonaceous air pollutants from wood stoves in developed countries: A review. <i>Atmospheric Pollution Research</i> , 2020, 11, 234-251.	3.8	31
61	Physical and chemical properties of non-exhaust particles generated from wear between pavements and tyres. <i>Atmospheric Environment</i> , 2020, 224, 117252.	4.1	70
62	Chemistry and sources of PM2.5 and volatile organic compounds breathed inside urban commuting and tourist buses. <i>Atmospheric Environment</i> , 2020, 223, 117234.	4.1	8
63	Variations in elemental and mineralogical compositions of Late Oligocene, Early and Middle Miocene coal seams in the Kale-Tavas Molasse sub-basin, SW Turkey. <i>International Journal of Coal Geology</i> , 2020, 218, 103366.	5.0	31
64	Source apportionment of PM2.5 and PM10 by Ionic and Mass Balance (IMB) in a traffic-influenced urban atmosphere, in Portugal. <i>Atmospheric Environment</i> , 2020, 223, 117217.	4.1	17
65	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
66	Short-term effects of particulate matter during desert and non-desert dust days on mortality in Iran. <i>Environment International</i> , 2020, 134, 105299.	10.0	59
67	Effect of ventilation strategies and air purifiers on the children's exposure to airborne particles and gaseous pollutants in school gyms. <i>Science of the Total Environment</i> , 2020, 712, 135673.	8.0	61
68	Impact of wood combustion on indoor air quality. <i>Science of the Total Environment</i> , 2020, 705, 135769.	8.0	33
69	Rapid changes of dust geochemistry in the Saharan Air Layer linked to sources and meteorology. <i>Atmospheric Environment</i> , 2020, 223, 117186.	4.1	16
70	New Data and Evidence on the Mineralogy and Geochemistry of Wulantuga High-Ge Coal Deposit of Shengli Coalfield, Inner Mongolia, China. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 17.	2.0	0
71	Enrichment of Nb-Ta-Zr-W-Li in the Late Carboniferous Coals from the Weibei Coalfield, Shaanxi, North China. <i>Energies</i> , 2020, 13, 4818.	3.1	4
72	Geological controls on the distribution of REY-Zr (Hf)-Nb (Ta) enrichment horizons in late Permian coals from the Qiangongbei Coalfield, Guizhou Province, SW China. <i>International Journal of Coal Geology</i> , 2020, 231, 103604.	5.0	33

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73	The geology, mineralogy, petrography, and geochemistry of the Miocene Dursunbey coal within fluvio-lacustrine deposits, Balıkesir (Western Turkey). <i>International Journal of Coal Geology</i> , 2020, 228, 103548.	5.0	29
74	Association of short-term exposure to air pollution with mortality in a middle eastern tourist city. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 1223-1234.	3.3	6
75	Utilization of Boiler Slag from Pulverized-Coal-Combustion Power Plants in China for Manufacturing Acoustic Materials. <i>Energies</i> , 2020, 13, 5705.	3.1	1
76	Impact of mixing layer height variations on air pollutant concentrations and health in a European urban area: Madrid (Spain), a case study. <i>Environmental Science and Pollution Research</i> , 2020, 27, 41702-41716.	5.3	8
77	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. <i>Science of the Total Environment</i> , 2020, 747, 141266.	8.0	22
78	Chemistry of dry and wet atmospheric deposition over the Balearic Islands, NW Mediterranean: Source apportionment and African dust areas. <i>Science of the Total Environment</i> , 2020, 747, 141187.	8.0	21
79	Enrichment of Li, Ga, Zr, Hf and Se, Mo, Cr, V, As, Pb Assemblages in the No. 11 Superhigh Organic Sulfur Coal from the Sangshuping Coal Mine, Weibei Coalfield, Shaanxi, North China. <i>Energies</i> , 2020, 13, 6660.	3.1	4
80	Using miniaturised scanning mobility particle sizers to observe size distribution patterns of quasi-ultrafine aerosols inhaled during city commuting. <i>Environmental Research</i> , 2020, 191, 109978.	7.5	9
81	How can airborne transmission of COVID-19 indoors be minimised?. <i>Environment International</i> , 2020, 142, 105832.	10.0	933
82	Loadings, chemical patterns and risks of inhalable road dust particles in an Atlantic city in the north of Portugal. <i>Science of the Total Environment</i> , 2020, 737, 139596.	8.0	40
83	Mineralogy, geochemistry and toxicity of size-segregated respirable deposited dust in underground coal mines. <i>Journal of Hazardous Materials</i> , 2020, 399, 122935.	12.4	52
84	Organic Air Quality Markers of Indoor and Outdoor PM2.5 Aerosols in Primary Schools from Barcelona. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3685.	2.6	10
85	How do ultrafine particles in urban air affect ambulatory blood pressure?. <i>Journal of Hypertension</i> , 2020, 38, 845-849.	0.5	4
86	Long-range and local air pollution: what can we learn from chemical speciation of particulate matter at paired sites?. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 409-429.	4.9	24
87	Mineralogy and Geochemistry of Late Permian Coals within the Tongzi Coalfield in Guizhou Province, Southwest China. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 44.	2.0	8
88	Geological Controls on Mineralogy and Geochemistry of the Permian and Jurassic Coals in the Shanbei Coalfield, Shaanxi Province, North China. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 138.	2.0	3
89	Burden of mortality attributed to PM2.5 exposure in cities of Iran; contribution of short-term pollution peaks. <i>Atmospheric Environment</i> , 2020, 224, 117365.	4.1	35
90	Variability of air pollutants, and PM composition and sources at a regional background site in the Balearic Islands: Review of western Mediterranean phenomenology from a 3-year study. <i>Science of the Total Environment</i> , 2020, 717, 137177.	8.0	14

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91	Characterization of organic aerosol at a rural site influenced by olive waste biomass burning. <i>Chemosphere</i> , 2020, 248, 125896.	8.2	12
92	Contribution of Volcanic and Fumarolic Emission to the Aerosol in Marine Atmosphere in the Central Mediterranean Sea: Results from Med-Oceanor 2017 Cruise Campaign. <i>Atmosphere</i> , 2020, 11, 149.	2.3	9
93	Changes in air quality during the lockdown in Barcelona (Spain) one month into the SARS-CoV-2 epidemic. <i>Science of the Total Environment</i> , 2020, 726, 138540.	8.0	610
94	Phosphate recovery from aqueous solution by K-zeolite synthesized from fly ash for subsequent valorisation as slow release fertilizer. <i>Science of the Total Environment</i> , 2020, 731, 139002.	8.0	34
95	The past, present, and future of indoor air chemistry. <i>Indoor Air</i> , 2020, 30, 373-376.	4.3	13
96	Molecular insights into new particle formation in Barcelona, Spain. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 10029-10045.	4.9	27
97	Potential Impact of a Low Emission Zone on Street-Level Air Quality in Barcelona City Using CALIOPE-Urban Model. <i>Springer Proceedings in Complexity</i> , 2020, , 171-176.	0.3	0
98	Unravelling the Origin of High Ozone Concentrations in Southwestern Europe. <i>Springer Proceedings in Complexity</i> , 2020, , 17-21.	0.3	1
99	Cluster analysis of urban ultrafine particles size distributions. <i>Atmospheric Pollution Research</i> , 2019, 10, 45-52.	3.8	24
100	Production of environmentally friendly sand-like products from granitoid waste sludge and coal fly ash for civil engineering. <i>Journal of Cleaner Production</i> , 2019, 238, 117880.	9.3	9
101	Predictors of personal exposure to black carbon among women in southern semi-rural Mozambique. <i>Environment International</i> , 2019, 131, 104962.	10.0	22
102	2005–2017 ozone trends and potential benefits of local measures as deduced from air quality measurements in the north of the Barcelona metropolitan area. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7445-7465.	4.9	21
103	CALIOPE-Urban v1.0: coupling R-LINE with a mesoscale air quality modelling system for urban air quality forecasts over Barcelona city (Spain). <i>Geoscientific Model Development</i> , 2019, 12, 2811-2835.	3.6	28
104	Relating high ozone, ultrafine particles, and new particle formation episodes using cluster analysis. <i>Atmospheric Environment: X</i> , 2019, 4, 100051.	1.4	9
105	Source apportionment of urban PM1 in Barcelona during SAPUSS using organic and inorganic components. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32114-32127.	5.3	15
106	SU89TRAFFIC-RELATED AIR POLLUTION, APOE ϵ 4 STATUS, AND NEURODEVELOPMENTAL OUTCOMES AMONG SCHOOL CHILDREN ENROLLED IN THE BREATHE PROJECT (CATALONIA, SPAIN). <i>European Neuropsychopharmacology</i> , 2019, 29, S1313.	0.7	0
107	Mineralogical and Environmental Geochemistry of Coal Combustion Products from Shenhua and Yihua Power Plants in Xinjiang Autonomous Region, Northwest China. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 496.	2.0	4
108	Trace element fractionation between PM10 and PM2.5 in coal mine dust: Implications for occupational respiratory health. <i>International Journal of Coal Geology</i> , 2019, 203, 52-59.	5.0	76

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109	African dust and air quality over Spain: Is it only dust that matters?. Science of the Total Environment, 2019, 686, 737-752.	8.0	65
110	Monitoring the impact of desert dust outbreaks for air quality for health studies. Environment International, 2019, 130, 104867.	10.0	134
111	Vertical and horizontal fall-off of black carbon and NO ₂ within urban blocks. Science of the Total Environment, 2019, 686, 236-245.	8.0	18
112	Ultrafine particles and PM _{2.5} in the air of cities around the world: Are they representative of each other?. Environment International, 2019, 129, 118-135.	10.0	110
113	Ozone source apportionment during peak summer events over southwestern Europe. Atmospheric Chemistry and Physics, 2019, 19, 5467-5494.	4.9	45
114	Mineralogical, chemical and leaching characteristics of ashes from residential biomass combustion. Environmental Science and Pollution Research, 2019, 26, 22688-22703.	5.3	6
115	Synergistic effect of the occurrence of African dust outbreaks on atmospheric pollutant levels in the Madrid metropolitan area. Atmospheric Research, 2019, 226, 208-218.	4.1	25
116	Origin and speciation of major and trace PM elements in the Barcelona subway system. Transportation Research, Part D: Transport and Environment, 2019, 72, 17-35.	6.8	25
117	Vehicle interior air quality conditions when travelling by taxi. Environmental Research, 2019, 172, 529-542.	7.5	46
118	The mode of occurrence and origin of minerals in the Early Permian high-rank coals of the Jimunai depression, Xinjiang Uygur Autonomous Region, NW China. International Journal of Coal Geology, 2019, 205, 58-74.	5.0	20
119	Nanoparticles from construction wastes: A problem to health and the environment. Journal of Cleaner Production, 2019, 219, 236-243.	9.3	93
120	Health effects of desert dust and sand storms: a systematic review and meta-analysis protocol. BMJ Open, 2019, 9, e029876.	1.9	18
121	Analysis of summer O ₃ in the Madrid air basin with the LOTOS-EUROS chemical transport model. Atmospheric Chemistry and Physics, 2019, 19, 14211-14232.	4.9	21
122	Geological controls on enrichment of Mn, Nb (Ta), Zr (Hf), and REY within the Early Permian coals of the Jimunai Depression, Xinjiang Province, NW China. International Journal of Coal Geology, 2019, 215, 103298.	5.0	17
123	Effectiveness of commercial face masks to reduce personal PM exposure. Science of the Total Environment, 2019, 650, 1582-1590.	8.0	59
124	Particle-phase concentrations and sources of legacy and novel flame retardants in outdoor and indoor environments across Spain. Science of the Total Environment, 2019, 649, 1541-1552.	8.0	24
125	Testing the performance of sensors for ozone pollution monitoring in a citizen science approach. Science of the Total Environment, 2019, 651, 1166-1179.	8.0	53
126	Indoor Sources of Air Pollutants. Issues in Environmental Science and Technology, 2019, , 1-34.	0.4	11

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127	Simultaneous ammonium and phosphate recovery and stabilization from urban sewage sludge anaerobic digestates using reactive sorbents. <i>Science of the Total Environment</i> , 2018, 630, 781-789.	8.0	37
128	Chemical profiling of PM10 from urban road dust. <i>Science of the Total Environment</i> , 2018, 634, 41-51.	8.0	104
129	Impact of the wood combustion in an open fireplace on the air quality of a living room: Estimation of the respirable fraction. <i>Science of the Total Environment</i> , 2018, 628-629, 169-176.	8.0	17
130	Fixation of treated phosphate waste and its use in concrete. <i>Journal of Cleaner Production</i> , 2018, 178, 89-97.	9.3	6
131	Short-term effects of ultrafine particles on daily mortality by primary vehicle exhaust versus secondary origin in three Spanish cities. <i>Environment International</i> , 2018, 111, 144-151.	10.0	55
132	Short-term exposure to traffic-related air pollution and ischemic stroke onset in Barcelona, Spain. <i>Environmental Research</i> , 2018, 162, 160-165.	7.5	48
133	Utilization of coal fly ash from a Chinese power plant for manufacturing highly insulating foam glass: Implications of physical, mechanical properties and environmental features. <i>Construction and Building Materials</i> , 2018, 175, 64-76.	7.2	36
134	Impact of aerosol particle sources on optical properties in urban, regional and remote areas in the north-western Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1149-1169.	4.9	31
135	Air quality trends in an industrialised area of SW Spain. <i>Journal of Cleaner Production</i> , 2018, 186, 465-474.	9.3	19
136	2005-2014 trends of PM10 source contributions in an industrialized area of southern Spain. <i>Environmental Pollution</i> , 2018, 236, 570-579.	7.5	35
137	Potential of hazardous waste encapsulation in concrete with coal fly ash and bivalve shells. <i>Journal of Cleaner Production</i> , 2018, 185, 870-881.	9.3	14
138	A review on the applications of coal combustion products in China. <i>International Geology Review</i> , 2018, 60, 671-716.	2.1	56
139	Particle-related exposure, dose and lung cancer risk of primary school children in two European countries. <i>Science of the Total Environment</i> , 2018, 616-617, 720-729.	8.0	47
140	Physico-chemical characterization of playground sand dust, inhalable and bioaccessible fractions. <i>Chemosphere</i> , 2018, 190, 454-462.	8.2	22
141	Effect of public transport strikes on air pollution levels in Barcelona (Spain). <i>Science of the Total Environment</i> , 2018, 610-611, 1076-1082.	8.0	52
142	Environmental impact and potential use of coal fly ash and sub-economical quarry fine aggregates in concrete. <i>Journal of Hazardous Materials</i> , 2018, 344, 1043-1056.	12.4	34
143	An empirical model to predict road dust emissions based on pavement and traffic characteristics. <i>Environmental Pollution</i> , 2018, 237, 713-720.	7.5	50
144	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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145	Traffic-Related Air Pollution, <i>APOE</i> $\hat{\mu}$ 4 Status, and Neurodevelopmental Outcomes among School Children Enrolled in the BREATHE Project (Catalonia, Spain). <i>Environmental Health Perspectives</i> , 2018, 126, 087001.	6.0	53
146	How to protect school children from the neurodevelopmental harms of air pollution by interventions in the school environment in the urban context. <i>Environment International</i> , 2018, 121, 199-206.	10.0	38
147	Spatio-temporal patterns of high summer ozone events in the Madrid Basin, Central Spain. <i>Atmospheric Environment</i> , 2018, 185, 207-220.	4.1	17
148	Phenomenology of summer ozone episodes over the Madrid Metropolitan Area, central Spain. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6511-6533.	4.9	42
149	Current State of Particulate Air Quality. , 2018, , 1-19.		1
150	Aerosol sources in subway environments. <i>Environmental Research</i> , 2018, 167, 314-328.	7.5	45
151	Air Quality in Subway Systems. , 2018, , 289-321.		7
152	Non-technological Measures on Road Traffic to Abate Urban Air Pollution. , 2018, , 229-260.		4
153	Origin of polycyclic aromatic hydrocarbons and other organic pollutants in the air particles of subway stations in Barcelona. <i>Science of the Total Environment</i> , 2018, 642, 148-154.	8.0	18
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