Xavier Querol

List of Publications by Year in Descending Order

734 papers	41,737 citations	104 h-index	166 g-index
784 ext. papers	46,960 ext. citations	6.7 avg, IF	7.38 L-index

#	Paper	IF	Citations
734	Primary and secondary organic winter aerosols in Mediterranean cities under different mixing layer conditions (Barcelona and Granada).. *Environmental Science and Pollution Research*, **2022**, 1	5.1	0
733	Compliance with 2021 WHO air quality guidelines across Europe will require radical measures. *Environmental Research Letters*, **2022**, 17, 021002	6.2	0
732	Practical Indicators for Risk of Airborne Transmission in Shared Indoor Environments and Their Application to COVID-19 Outbreaks.. *Environmental Science & Technology*, **2022**,	10.3	16
731	Significant enrichment of Rb and Cs in the Late Triassic coals from the Coc Sau surface mine, Cam Pha Coalfield, Quang Ninh Province, Vietnam. *Ore Geology Reviews*, **2022**, 142, 104700	3.2	1
730	Children's exposure to size-fractioned particulate matter: Chemical composition and internal dose.. *Science of the Total Environment*, **2022**, 823, 153745	10.2	1
729	Chemistry and particle size distribution of respirable coal dust in underground mines in Central Eastern Europe. *International Journal of Coal Science and Technology*, **2022**, 9, 1	4.5	2
728	Increasing atmospheric dust transport towards the western Mediterranean over 1948–2020. *Npj Climate and Atmospheric Science*, **2022**, 5,	8	1
727	Chemical Speciation and Leaching Behavior of Hazardous Trace Elements in Coal Combustion Products from Coal-Fired Power Stations in China.. *ACS Omega*, **2022**, 7, 14697-14711	3.9	
726	Characterization of deposited dust and its respirable fractions in underground coal mines: Implications for oxidative potential-driving species and source apportionment. *International Journal of Coal Geology*, **2022**, 258, 104017	5.5	1
725	How can ventilation be improved on public transportation buses? Insights from CO measurements. *Environmental Research*, **2021**, 112451	7.9	5
724	Switzerland's PM10 and PM2.5 environmental increments show the importance of non-exhaust emissions. *Atmospheric Environment: X*, **2021**, 12, 100145	2.8	2
723	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. *International Journal of Coal Geology*, **2021**, 248, 103863	5.5	3
722	A multidisciplinary study and palaeoenvironmental interpretation of middle Miocene Keles lignite (Harmancık Basin, NW Turkey), with emphasis on syngenetic zeolite formation. *International Journal of Coal Geology*, **2021**, 237, 103691	5.5	13
721	Geological Controls on Enrichment of Rare Earth Elements and Yttrium (REY) in Late Permian Coals and Non-Coal Rocks in the Xiangzhen Coalfield, Guangxi Province. *Minerals (Basel, Switzerland)*, **2021**, 11, 301	2.4	1
720	The case of a southern European glacier which survived Roman and medieval warm periods but is disappearing under recent warming. *Cryosphere*, **2021**, 15, 1157-1172	5.5	4
719	Bioaerosols in public and tourist buses. *Aerobiologia*, **2021**, 37, 525-541	2.4	0
718	Relationship between ambient black carbon and daily mortality in Tehran, Iran: a distributed lag nonlinear time series analysis. *Journal of Environmental Health Science & Engineering*, **2021**, 19, 907-916	2.9	1

717	The influence of COVID-19 preventive measures on the air quality in Abu Dhabi (United Arab Emirates). *Air Quality, Atmosphere and Health*, **2021**, 14, 1-9	5.6	6
716	Organophosphate esters in airborne particles from subway stations. *Science of the Total Environment*, **2021**, 769, 145105	10.2	5
715	Increase in secondary organic aerosol in an urban environment. *Atmospheric Chemistry and Physics*, **2021**, 21, 8323-8339	6.8	5
714	A paradigm shift to combat indoor respiratory infection. *Science*, **2021**, 372, 689-691	33.3	73
713	Quantifying traffic, biomass burning and secondary source contributions to atmospheric particle number concentrations at urban and suburban sites. *Science of the Total Environment*, **2021**, 768, 145282	10.2	8
712	2005–2018 trends in ozone peak concentrations and spatial contributions in the Guadalquivir Valley, southern Spain. *Atmospheric Environment*, **2021**, 254, 118385	5.3	5
711	Lessons from the COVID-19 air pollution decrease in Spain: Now what?. *Science of the Total Environment*, **2021**, 779, 146380	10.2	29
710	Geochemical Characteristics of Early Permian Pyroclastic Rocks in the Jimunai Basin, West Junggar, Xinjiang (NW China): Implications for Provenance and Tectonic Setting. *Acta Geologica Sinica*, **2021**, 95, 794-809	0.7	1
709	Trends in primary and secondary particle number concentrations in urban and regional environments in NE Spain. *Atmospheric Environment*, **2021**, 244, 117982	5.3	2
708	Evaluation of chemical stabilisation methods of coal-petcoke fly ash to reduce the mobility of Mo and Ni against environmental concerns. *Ecotoxicology and Environmental Safety*, **2021**, 208, 111488	7	1
707	Source contribution and origin of PM10 and arsenic in a complex industrial region (Huelva, SW Spain). *Environmental Pollution*, **2021**, 274, 116268	9.3	4
706	Behaviour and speciation of inorganic trace pollutants in a coal-fired power plant equipped with DENOX-SCR-ESP-NH3FGD controls. *Fuel*, **2021**, 289, 119927	7.1	3
705	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. *Environmental Research*, **2021**, 192, 110257	7.9	9
704	Aircraft vertical profiles during summertime regional and Saharan dust scenarios over the north-western Mediterranean basin: aerosol optical and physical properties. *Atmospheric Chemistry and Physics*, **2021**, 21, 431-455	6.8	6
703	Global Air Quality and COVID-19 Pandemic: Do We Breathe Cleaner Air?. *Aerosol and Air Quality Research*, **2021**, 21, 200567	4.6	8
702	Tracing surface and airborne SARS-CoV-2 RNA inside public buses and subway trains. *Environment International*, **2021**, 147, 106326	12.9	52
701	Comprehensive evaluation of potential coal mine dust emissions in an open-pit coal mine in Northwest China. *International Journal of Coal Geology*, **2021**, 235, 103677	5.5	17
700	Anthropogenic Perturbations to the Atmospheric Molybdenum Cycle. *Global Biogeochemical Cycles*, **2021**, 35, e2020GB006787	5.9	1

699	The effect of meteorological conditions and atmospheric composition in the occurrence and development of new particle formation (NPF) events in Europe. *Atmospheric Chemistry and Physics*, **2021**, 21, 3345-3370	6.8	8
698	Understanding the local and remote source contributions to ambient O during a pollution episode using a combination of experimental approaches in the Guadalquivir valley, southern Spain. *Science of the Total Environment*, **2021**, 777, 144579	10.2	0
697	Short-term health effects from outdoor exposure to biomass burning emissions: A review. *Science of the Total Environment*, **2021**, 781, 146739	10.2	15
696	A phenomenology of new particle formation (NPF) at 13 European sites. *Atmospheric Chemistry and Physics*, **2021**, 21, 11905-11925	6.8	4
695	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. *Atmospheric Measurement Techniques*, **2021**, 14, 6335-6355	4	3
694	Associations between sources of particle number and mortality in four European cities. *Environment International*, **2021**, 155, 106662	12.9	2
693	The state of science on severe air pollution episodes: Quantitative and qualitative analysis. *Environment International*, **2021**, 156, 106732	12.9	1
692	Compositional changes of PM in NE Spain during 2009-2018: A trend analysis of the chemical composition and source apportionment. *Science of the Total Environment*, **2021**, 795, 148728	10.2	4
691	Short-term effect of air pollution on attention function in adolescents (ATENCIÓ A randomized controlled trial in high schools in Barcelona, Spain. *Environment International*, **2021**, 156, 106614	12.9	1
690	Geochemistry and oxidative potential of the respirable fraction of powdered mined Chinese coals. *Science of the Total Environment*, **2021**, 800, 149486	10.2	3
689	A global observational analysis to understand changes in air quality during exceptionally low anthropogenic emission conditions. *Environment International*, **2021**, 157, 106818	12.9	30
688	Using miniaturised scanning mobility particle sizers to observe size distribution patterns of quasi-ultrafine aerosols inhaled during city commuting. *Environmental Research*, **2020**, 191, 109978	7.9	4
687	How can airborne transmission of COVID-19 indoors be minimised?. *Environment International*, **2020** , 142, 105832	12.9	525
686	Loadings, chemical patterns and risks of inhalable road dust particles in an Atlantic city in the north of Portugal. *Science of the Total Environment*, **2020**, 737, 139596	10.2	19
685	Mineralogy, geochemistry and toxicity of size-segregated respirable deposited dust in underground coal mines. *Journal of Hazardous Materials*, **2020**, 399, 122935	12.8	21
684	Organic Air Quality Markers of Indoor and Outdoor PM Aerosols in Primary Schools from Barcelona. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	3
683	How do ultrafine particles in urban air affect ambulatory blood pressure?. *Journal of Hypertension*, **2020**, 38, 845-849	1.9	1
682	Long-range and local air pollution: what can we learn from chemical speciation of particulate matter at paired sites?. *Atmospheric Chemistry and Physics*, **2020**, 20, 409-429	6.8	10

681	Mineralogy and Geochemistry of Late Permian Coals within the Tongzi Coalfield in Guizhou Province, Southwest China. *Minerals (Basel, Switzerland)*, **2020**, 10, 44	2.4	4
680	Geological Controls on Mineralogy and Geochemistry of the Permian and Jurassic Coals in the Shanbei Coalfield, Shaanxi Province, North China. *Minerals (Basel, Switzerland)*, **2020**, 10, 138	2.4	2
679	Burden of mortality attributed to PM2.5 exposure in cities of Iran; contribution of short-term pollution peaks. *Atmospheric Environment*, **2020**, 224, 117365	5.3	20
678	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. *Science of the Total Environment*, **2020**, 717, 137177	10.2	6
677	Characterization of organic aerosol at a rural site influenced by olive waste biomass burning. *Chemosphere*, **2020**, 248, 125896	8.4	9
676	Contribution of Volcanic and Fumarolic Emission to the Aerosol in Marine Atmosphere in the Central Mediterranean Sea: Results from Med-Oceanor 2017 Cruise Campaign. *Atmosphere*, **2020**, 11, 149	2.7	5
675	Changes in air quality during the lockdown in Barcelona (Spain) one month into the SARS-CoV-2 epidemic. *Science of the Total Environment*, **2020**, 726, 138540	10.2	425
674	Phosphate recovery from aqueous solution by K-zeolite synthesized from fly ash for subsequent valorisation as slow release fertilizer. *Science of the Total Environment*, **2020**, 731, 139002	10.2	22
673	Molecular insights into new particle formation in Barcelona, Spain. *Atmospheric Chemistry and Physics*, **2020**, 20, 10029-10045	6.8	14
672	Potential Impact of a Low Emission Zone on Street-Level Air Quality in Barcelona City Using CALIOPE-Urban Model. *Springer Proceedings in Complexity*, **2020**, 171-176	0.3	
671	Unravelling the Origin of High Ozone Concentrations in Southwestern Europe. *Springer Proceedings in Complexity*, **2020**, 17-21	0.3	1
670	Emissions and source allocation of carbonaceous air pollutants from wood stoves in developed countries: A review. *Atmospheric Pollution Research*, **2020**, 11, 234-251	4.5	13
669	Physical and chemical properties of non-exhaust particles generated from wear between pavements and tyres. *Atmospheric Environment*, **2020**, 224, 117252	5.3	32
668	Chemistry and sources of PM2.5 and volatile organic compounds breathed inside urban commuting and tourist buses. *Atmospheric Environment*, **2020**, 223, 117234	5.3	5
667	Variations in elemental and mineralogical compositions of Late Oligocene, Early and Middle Miocene coal seams in the Kale-Tavas Molasse sub-basin, SW Turkey. *International Journal of Coal Geology*, **2020**, 218, 103366	5.5	18
666	Source apportionment of PM2.5 and PM10 by Ionic and Mass Balance (IMB) in a traffic-influenced urban atmosphere, in Portugal. *Atmospheric Environment*, **2020**, 223, 117217	5.3	9
665	Source apportionment of particle number size distribution in urban background and traffic stations in four European cities. *Environment International*, **2020**, 135, 105345	12.9	54
664	Short-term effects of particulate matter during desert and non-desert dust days on mortality in Iran. *Environment International*, **2020**, 134, 105299	12.9	34

663	Effect of ventilation strategies and air purifiers on the children's exposure to airborne particles and gaseous pollutants in school gyms. *Science of the Total Environment*, **2020**, 712, 135673	10.2	30
662	Impact of wood combustion on indoor air quality. *Science of the Total Environment*, **2020**, 705, 135769	10.2	16
661	Rapid changes of dust geochemistry in the Saharan Air Layer linked to sources and meteorology. *Atmospheric Environment*, **2020**, 223, 117186	5.3	9
660	New Data and Evidence on the Mineralogy and Geochemistry of Wulantuga High-Ge Coal Deposit of Shengli Coalfield, Inner Mongolia, China. *Minerals (Basel, Switzerland)*, **2020**, 10, 17	2.4	
659	Enrichment of Nb-Ta-Zr-W-Li in the Late Carboniferous Coals from the Weibei Coalfield, Shaanxi, North China. *Energies*, **2020**, 13, 4818	3.1	2
658	Geological controls on the distribution of REY-Zr (Hf)-Nb (Ta) enrichment horizons in late Permian coals from the Qiandongbei Coalfield, Guizhou Province, SW China. *International Journal of Coal Geology*, **2020**, 231, 103604	5.5	11
657	The geology, mineralogy, petrography, and geochemistry of the Miocene Dursunbey coal within fluvio-lacustrine deposits, Balıkesir (Western Turkey). *International Journal of Coal Geology*, **2020**, 228, 103548	5.5	16
656	Association of short-term exposure to air pollution with mortality in a middle eastern tourist city. *Air Quality, Atmosphere and Health*, **2020**, 13, 1223-1234	5.6	4
655	Utilization of Boiler Slag from Pulverized-Coal-Combustion Power Plants in China for Manufacturing Acoustic Materials. *Energies*, **2020**, 13, 5705	3.1	0
654	Impact of mixing layer height variations on air pollutant concentrations and health in a European urban area: Madrid (Spain), a case study. *Environmental Science and Pollution Research*, **2020**, 27, 41702-41716	5.1	2
653	Evaluation of the Semi-Continuous OCEC analyzer performance with the EUSAAR2 protocol. *Science of the Total Environment*, **2020**, 747, 141266	10.2	10
652	Chemistry of dry and wet atmospheric deposition over the Balearic Islands, NW Mediterranean: Source apportionment and African dust areas. *Science of the Total Environment*, **2020**, 747, 141187	10.2	12
651	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. *Energies*, **2020**, 13, 6660	3.1	3
650	Public Transport Strikes and Their Relationships With Air Pollution, Mortality, and Hospital Admissions. *American Journal of Epidemiology*, **2020**, 189, 116-119	3.8	
649	The geochemical evolution of brines from phosphogypsum deposits in Huelva (SW Spain) and its environmental implications. *Science of the Total Environment*, **2020**, 700, 134444	10.2	7
648	Spatial hazard assessment of the PM10 using machine learning models in Barcelona, Spain. *Science of the Total Environment*, **2020**, 701, 134474	10.2	58
647	Understanding the impact of FGD technologies on the emissions of key pollutants in a Co-Firing power plant. *Journal of the Energy Institute*, **2020**, 93, 518-532	5.7	5
646	Source apportionment of urban PM in Barcelona during SAPUSS using organic and inorganic components. *Environmental Science and Pollution Research*, **2019**, 26, 32114-32127	5.1	6

645	Mineralogical and Environmental Geochemistry of Coal Combustion Products from Shenhuo and Yihua Power Plants in Xinjiang Autonomous Region, Northwest China. *Minerals (Basel, Switzerland)*, **2019**, 9, 496	2.4	2
644	Trace element fractionation between PM10 and PM2.5 in coal mine dust: Implications for occupational respiratory health. *International Journal of Coal Geology*, **2019**, 203, 52-59	5.5	42
643	African dust and air quality over Spain: Is it only dust that matters?. *Science of the Total Environment* , **2019**, 686, 737-752	10.2	34
642	Monitoring the impact of desert dust outbreaks for air quality for health studies. *Environment International*, **2019**, 130, 104867	12.9	84
641	Vertical and horizontal fall-off of black carbon and NO within urban blocks. *Science of the Total Environment*, **2019**, 686, 236-245	10.2	10
640	Ultrafine particles and PM in the air of cities around the world: Are they representative of each other?. *Environment International*, **2019**, 129, 118-135	12.9	57
639	Ozone source apportionment during peak summer events over southwestern Europe. *Atmospheric Chemistry and Physics*, **2019**, 19, 5467-5494	6.8	20
638	Mineralogical, chemical and leaching characteristics of ashes from residential biomass combustion. *Environmental Science and Pollution Research*, **2019**, 26, 22688-22703	5.1	5
637	Synergistic effect of the occurrence of African dust outbreaks on atmospheric pollutant levels in the Madrid metropolitan area. *Atmospheric Research*, **2019**, 226, 208-218	5.4	17
636	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	6.4	11
635	Vehicle interior air quality conditions when travelling by taxi. *Environmental Research*, **2019**, 172, 529-542	7.9	29
634	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	5.5	14
633	Nanoparticles from construction wastes: A problem to health and the environment. *Journal of Cleaner Production*, **2019**, 219, 236-243	10.3	64
632	Cluster analysis of urban ultrafine particles size distributions. *Atmospheric Pollution Research*, **2019**, 10, 45-52	4.5	19
631	Production of environmentally friendly sand-like products from granitoid waste sludge and coal fly ash for civil engineering. *Journal of Cleaner Production*, **2019**, 238, 117880	10.3	5
630	Predictors of personal exposure to black carbon among women in southern semi-rural Mozambique. *Environment International*, **2019**, 131, 104962	12.9	11
629	20052017 ozone trends and potential benefits of local measures as deduced from air quality measurements in the north of the Barcelona metropolitan area. *Atmospheric Chemistry and Physics*, **2019**, 19, 7445-7465	6.8	12
628	CALIOPE-Urban v1.0: coupling R-LINE with a mesoscale air quality modelling system for urban air quality forecasts over Barcelona city (Spain). *Geoscientific Model Development*, **2019**, 12, 2811-2835	6.3	16

627	Relating high ozone, ultrafine particles, and new particle formation episodes using cluster analysis. *Atmospheric Environment: X*, **2019**, 4, 100051	2.8	6
626	Indoor Sources of Air Pollutants. *Issues in Environmental Science and Technology*, **2019**, 1-34	0.7	4
625	Health effects of desert dust and sand storms: a systematic review and meta-analysis protocol. *BMJ Open*, **2019**, 9, e029876	3	7
624	Analysis of summer O₃ in the Madrid air basin with the LOTOS-EUROS chemical transport model. *Atmospheric Chemistry and Physics*, **2019**, 19, 14211-14232	6.8	12
623	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	5.5	11
622	Effectiveness of commercial face masks to reduce personal PM exposure. *Science of the Total Environment*, **2019**, 650, 1582-1590	10.2	40
621	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	10.2	18
620	Testing the performance of sensors for ozone pollution monitoring in a citizen science approach. *Science of the Total Environment*, **2019**, 651, 1166-1179	10.2	40
619	Simultaneous ammonium and phosphate recovery and stabilization from urban sewage sludge anaerobic digestates using reactive sorbents. *Science of the Total Environment*, **2018**, 630, 781-789	10.2	25
618	Chemical profiling of PM from urban road dust. *Science of the Total Environment*, **2018**, 634, 41-51	10.2	61
617	Impact of the wood combustion in an open fireplace on the air quality of a living room: Estimation of the respirable fraction. *Science of the Total Environment*, **2018**, 628-629, 169-176	10.2	12
616	Fixation of treated phosphate waste and its use in concrete. *Journal of Cleaner Production*, **2018**, 178, 89-97	10.3	5
615	Short-term effects of ultrafine particles on daily mortality by primary vehicle exhaust versus secondary origin in three Spanish cities. *Environment International*, **2018**, 111, 144-151	12.9	37
614	Short-term exposure to traffic-related air pollution and ischemic stroke onset in Barcelona, Spain. *Environmental Research*, **2018**, 162, 160-165	7.9	34
613	Utilization of coal fly ash from a Chinese power plant for manufacturing highly insulating foam glass: Implications of physical, mechanical properties and environmental features. *Construction and Building Materials*, **2018**, 175, 64-76	6.7	25
612	Impact of aerosol particle sources on optical properties in urban, regional and remote areas in the north-western Mediterranean. *Atmospheric Chemistry and Physics*, **2018**, 18, 1149-1169	6.8	15
611	Air quality trends in an industrialised area of SW Spain. *Journal of Cleaner Production*, **2018**, 186, 465-474	10.3	16
610	2005-2014 trends of PM10 source contributions in an industrialized area of southern Spain. *Environmental Pollution*, **2018**, 236, 570-579	9.3	25

609	Potential of hazardous waste encapsulation in concrete with coal fly ash and bivalve shells. *Journal of Cleaner Production*, **2018**, 185, 870-881	10.3	12
608	A review on the applications of coal combustion products in China. *International Geology Review*, **2018**, 60, 671-716	2.3	37
607	Particle-related exposure, dose and lung cancer risk of primary school children in two European countries. *Science of the Total Environment*, **2018**, 616-617, 720-729	10.2	37
606	Physico-chemical characterization of playground sand dust, inhalable and bioaccessible fractions. *Chemosphere*, **2018**, 190, 454-462	8.4	19
605	Effect of public transport strikes on air pollution levels in Barcelona (Spain). *Science of the Total Environment*, **2018**, 610-611, 1076-1082	10.2	36
604	Aerosol sources in subway environments. *Environmental Research*, **2018**, 167, 314-328	7.9	28
603	Air Quality in Subway Systems **2018**, 289-321		3
602	Non-technological Measures on Road Traffic to Abate Urban Air Pollution **2018**, 229-260		3
601	Origin of polycyclic aromatic hydrocarbons and other organic pollutants in the air particles of subway stations in Barcelona. *Science of the Total Environment*, **2018**, 642, 148-154	10.2	9
600	Environmental impact and potential use of coal fly ash and sub-economical quarry fine aggregates in concrete. *Journal of Hazardous Materials*, **2018**, 344, 1043-1056	12.8	28
599	An empirical model to predict road dust emissions based on pavement and traffic characteristics. *Environmental Pollution*, **2018**, 237, 713-720	9.3	34
598	Vertical and horizontal distribution of regional new particle formation events in Madrid **2018**,		1
597	Vertical and horizontal distribution of regional new particle formation events in Madrid. *Atmospheric Chemistry and Physics*, **2018**, 18, 16601-16618	6.8	21
596	Traffic-Related Air Pollution, 4 Status, and Neurodevelopmental Outcomes among School Children Enrolled in the BREATHE Project (Catalonia, Spain). *Environmental Health Perspectives*, **2018**, 126, 087001	8.4	33
595	How to protect school children from the neurodevelopmental harms of air pollution by interventions in the school environment in the urban context. *Environment International*, **2018**, 121, 199-208	12.9	22
594	Spatio-temporal patterns of high summer ozone events in the Madrid Basin, Central Spain. *Atmospheric Environment*, **2018**, 185, 207-220	5.3	12
593	Phenomenology of summer ozone episodes over the Madrid Metropolitan Area, central Spain. *Atmospheric Chemistry and Physics*, **2018**, 18, 6511-6533	6.8	24
592	Current State of Particulate Air Quality **2018**, 1-19		1

591	Identification of technical problems affecting performance of DustTrak DRX aerosol monitors. *Science of the Total Environment*, **2017**, 584-585, 849-855	10.2	33
590	Coal characteristics, elemental composition and modes of occurrence of some elements in the ?saalan coal (Balıkesir, NW Turkey). *International Journal of Coal Geology*, **2017**, 172, 43-59	5.5	38
589	Enrichment and distribution of elements in the Late Permian coals from the Zhina Coalfield, Guizhou Province, Southwest China. *International Journal of Coal Geology*, **2017**, 171, 111-129	5.5	28
588	The effect of ventilation protocols on airborne particulate matter in subway systems. *Science of the Total Environment*, **2017**, 584-585, 1317-1323	10.2	33
587	Factors controlling particle number concentration and size at metro stations. *Atmospheric Environment*, **2017**, 156, 169-181	5.3	21
586	Response to: Premature deaths attributed to ambient air pollutants: let us interpret the Robins-Greenland theorem correctly. *International Journal of Public Health*, **2017**, 62, 339-341	4	3
585	Unexpected increase in the oxidation capacity of the urban atmosphere of Madrid, Spain. *Scientific Reports*, **2017**, 7, 45956	4.9	30
584	Recovery of nutrients (N-P-K) from potassium-rich sludge anaerobic digestion side-streams by integration of a hybrid sorption-membrane ultrafiltration process: Use of powder reactive sorbents as nutrient carriers. *Science of the Total Environment*, **2017**, 599-600, 422-430	10.2	11
583	Atmospheric dust deposition on soils around an abandoned fluorite mine (Hammam Zriba, NE Tunisia). *Environmental Research*, **2017**, 158, 153-166	7.9	18
582	Effect of exposure to polycyclic aromatic hydrocarbons on basal ganglia and attention-deficit hyperactivity disorder symptoms in primary school children. *Environment International*, **2017**, 105, 12-19	12.9	70
581	Workplace exposure and release of ultrafine particles during atmospheric plasma spraying in the ceramic industry. *Science of the Total Environment*, **2017**, 599-600, 2065-2073	10.2	24
580	Spatiotemporal evolution of a severe winter dust event in the western Mediterranean: Aerosol optical and physical properties. *Journal of Geophysical Research D: Atmospheres*, **2017**, 122, 4052-4069	4.4	27
579	Outdoor and indoor particle characterization from a large and uncontrolled combustion of a tire landfill. *Science of the Total Environment*, **2017**, 593-594, 543-551	10.2	16
578	Polycyclic aromatic hydrocarbons and their derivatives (nitro-PAHs, oxygenated PAHs, and azaarenes) in PM from Southern European cities. *Science of the Total Environment*, **2017**, 595, 494-504	10.2	122
577	The Miocene coal seams in the Soma Basin (W. Turkey): Insights from coal petrography, mineralogy and geochemistry. *International Journal of Coal Geology*, **2017**, 173, 110-128	5.5	44
576	Do air quality targets really represent safe limits for lung cancer risk?. *Science of the Total Environment*, **2017**, 580, 74-82	10.2	16
575	Interaction between airborne copper exposure and ATP7B polymorphisms on inattentiveness in scholar children. *International Journal of Hygiene and Environmental Health*, **2017**, 220, 51-56	6.9	10
574	Formation and alteration of airborne particles in the subway environment. *Environmental Sciences: Processes and Impacts*, **2017**, 19, 59-64	4.3	11

573	Characteristics of ash and particle emissions during bubbling fluidised bed combustion of three types of residual forest biomass. *Environmental Science and Pollution Research*, **2017**, 24, 10018-10029	5.1	12
572	Recovery of Ammonium by Powder Synthetic Zeolites from Wastewater Effluents: Optimization of the Regeneration Step. *Water, Air, and Soil Pollution*, **2017**, 228, 1	2.6	20
571	Comparative study of bulk and partial digestion methods for airborne PM10-bound elements in a high mineral dust urban site in Constantine, Algeria. *International Journal of Environmental Analytical Chemistry*, **2017**, 97, 1132-1150	1.8	2
570	Analysis of PM2.5 in C□doba, Argentina under the effects of the El Ni□ Southern Oscillation. *Atmospheric Environment*, **2017**, 171, 49-58	5.3	16
569	Traffic-related air pollution and spectacles use in schoolchildren. *PLoS ONE*, **2017**, 12, e0167046	3.7	18
568	Coal characteristics, palynology, and palaeoenvironmental interpretation of the Yeniky□ coal of Late Oligocene age in the Thrace Basin (NW Turkey). *International Journal of Coal Geology*, **2017**, 181, 103-123	5.5	20
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566	Traffic-related Air Pollution and Attention in Primary School Children: Short-term Association. *Epidemiology*, **2017**, 28, 181-189	3.1	50
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