

# CITATION REPORT

List of articles citing

Effects of long-term exposure to air pollution on natural-cause mortality: an analysis of 22 European cohorts within the multicentre ESCAPE project

DOI: 10.1016/s0140-6736(13)62158-3  
Lancet, The, 2014, 383, 785-95.

**Source:** <https://exaly.com/paper-pdf/58717247/citation-report.pdf>

**Version:** 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
966	Atmospheric aerosol characterization with a ground-based SPEX spectropolarimetric instrument. <b>2014</b> , 7, 4341-4351		34
965	The influence of particulate matter on respiratory morbidity and mortality in children and infants. <b>2015</b> , 849, 39-48		21
964	Main air pollutants and diabetes-associated mortality: a systematic review and meta-analysis. <b>2014</b> , 171, R183-90		23
963	Performance of multi-city land use regression models for nitrogen dioxide and fine particles. <b>2014</b> , 122, 843-9		53
962	Long-term exposure to ambient air pollution and incidence of cerebrovascular events: results from 11 European cohorts within the ESCAPE project. <b>2014</b> , 122, 919-25		219
961	Long term exposure to ambient air pollution and incidence of acute coronary events: prospective cohort study and meta-analysis in 11 European cohorts from the ESCAPE Project. <b>2014</b> , 348, f7412		365
960	Effect of long-term exposure to air pollution on type 2 diabetes mellitus risk: a systemic review and meta-analysis of cohort studies. <b>2014</b> , 171, R173-82		106
959	Health impact assessment of air pollution in Valladolid, Spain. <b>2014</b> , 4, e005999		14
958	Monitoring air pollution effects on children for supporting public health policy: the protocol of the prospective cohort MAPEC study. <b>2014</b> , 4, e006096		26
957	Spectral line polarimetry with a channeled polarimeter. <b>2014</b> , 53, 4187-94		17
956	Development of land use regression models for elemental, organic carbon, PAH, and hopanes/steranes in 10 ESCAPE/TRANSPHORM European study areas. <b>2014</b> , 48, 14435-44		27
955	Effect of wood smoke exposure on vascular function and thrombus formation in healthy fire fighters. <b>2014</b> , 11, 62		23
954	Air pollution and nonmalignant respiratory mortality in 16 cohorts within the ESCAPE project. <b>2014</b> , 189, 684-96		52
953	Particulate matter: short-term but high-impact exposure at public gathering in Germany. <b>2014</b> , 69, 954-5		1
952	What does your neighbourhood say about you? A study of life expectancy in 1.3 million Swiss neighbourhoods. <b>2014</b> , 68, 1125-32		22
951	New Directions: Cleaning the air: Will the European Commission's clean air policy package of December 2013 deliver?. <b>2014</b> , 91, 172-174		6
950	Feinstaubbelastung in China. <b>2014</b> , 64, 53-54		2

949	Pollution and skin: from epidemiological and mechanistic studies to clinical implications. <b>2014</b> , 76, 163-8	152
948	The role of oxidative stress in the cardiovascular actions of particulate air pollution. <b>2014</b> , 42, 1006-11	72
947	Oxidative potential and inflammatory impacts of source apportioned ambient air pollution in Beijing. <b>2014</b> , 48, 12920-9	108
946	Ambient Coarse Particulate Matter and Human Health: A Systematic Review and Meta-Analysis. <b>2014</b> , 1, 258-274	135
945	The effect of secondary inorganic aerosols, soot and the geographical origin of air mass on acute myocardial infarction hospitalisations in Gothenburg, Sweden during 1985-2010: a case-crossover study. <b>2014</b> , 13, 61	12
944	Impacts of intercontinental transport of anthropogenic fine particulate matter on human mortality. <b>2014</b> , 7, 369-379	54
943	Long-term exposure to elemental constituents of particulate matter and cardiovascular mortality in 19 European cohorts: results from the ESCAPE and TRANSPHORM projects. <b>2014</b> , 66, 97-106	94
942	[New European policies for air pollution control: a step forward in improving public health?]. <b>2014</b> , 28, 263-6	0
941	A pathway analysis of global aerosol processes. <b>2014</b> , 14, 11657-11686	23
940	Mapping atmospheric aerosols with a citizen science network of smartphone spectropolarimeters. <b>2014</b> , 41, 7351-7358	96
939	Burden of disease caused by local transport in Warsaw, Poland. <b>2015</b> , 2, 423-433	33
938	Short-Term Exposure to Fine Particulate Matter Air Pollution Is Preferentially Associated With the Risk of ST-Segment Elevation Acute Coronary Events. <b>2015</b> , 4,	71
937	PM2.5 and Mortality in 207 US Cities: Modification by Temperature and City Characteristics. <b>2016</b> , 27, 221-7	82
936	Effect Modification of Long-Term Air Pollution Exposures and the Risk of Incident Cardiovascular Disease in US Women. <b>2015</b> , 4,	49
935	"Are we forgetting the smallest, sub 10 nm combustion generated particles?". <b>2015</b> , 12, 34	43
934	How much is particulate matter near the ground influenced by upper-level processes within and above the PBL? A summertime case study in Milan (Italy) evidences the distinctive role of nitrate. <b>2015</b> , 15, 2629-2649	31
933	CFD modeling of a vehicle exhaust laboratory sampling system: sulfur-driven nucleation and growth in diluting diesel exhaust. <b>2015</b> , 15, 5305-5323	11
932	Influence of the aerosol solar extinction on photochemistry during the 2010 Russian wildfires episode. <b>2015</b> , 15, 10983-10998	16

931	PM2.5 and survival among older adults: effect modification by particulate composition. <b>2015</b> , 26, 321-7	48
930	Long-term Exposure to Fine Particulate Matter Air Pollution and Mortality Among Canadian Women. <b>2015</b> , 26, 536-45	61
929	Health Impact Assessment of PM10 and PM2.5 in 27 Southeast and East Asian Cities. <b>2015</b> , 57, 751-6	29
928	Multivitamin Supplementation Supports Immune Function and Ameliorates Conditions Triggered By Reduced Air Quality. <b>2015</b> , 04,	17
927	Carotid Intima-Media Thickness and Long-Term Exposure to Traffic-Related Air Pollution in Middle-Aged Residents of Taiwan: A Cross-Sectional Study. <b>2015</b> , 123, 773-8	38
926	Satellite-Based Estimates of Long-Term Exposure to Fine Particles and Association with Mortality in Elderly Hong Kong Residents. <b>2015</b> , 123, 1167-72	117
925	Air Pollution and Mortality in Seven Million Adults: The Dutch Environmental Longitudinal Study (DUELS). <b>2015</b> , 123, 697-704	142
924	Air Pollution Exposure and Physical Activity in China: Current Knowledge, Public Health Implications, and Future Research Needs. <b>2015</b> , 12, 14887-97	52
923	An Integrated Environmental Indicator for Urban Transportation Systems: Description and Application. <b>2015</b> , 8, 11076-11094	1
922	Secondary Particulate Matter Originating from an Industrial Source and Its Impact on Population Health. <b>2015</b> , 12, 7667-81	14
921	Brand Cigarillos: Low Price but High Particulate Matter Levels-Is Their Favorable Taxation in the European Union Justified?. <b>2015</b> , 12, 9141-53	10
920	Air Pollution from Road Traffic and Systemic Inflammation in Adults: A Cross-Sectional Analysis in the European ESCAPE Project. <b>2015</b> , 123, 785-91	60
919	Long-term particulate matter exposure: Attributing health effects to individual PM components. <b>2015</b> , 65, 523-43	76
918	Expert position paper on air pollution and cardiovascular disease. <b>2015</b> , 36, 83-93b	445
917	Cost saving potential in cardiovascular hospital costs due to reduction in air pollution. <b>2015</b> , 527-528, 413-9	17
916	Environmental Biomedicine. <b>2015</b> ,	
915	Short term exposure to air pollution and stroke: systematic review and meta-analysis. <b>2015</b> , 350, h1295	391
914	Clean air in Europe: beyond the horizon?. <b>2015</b> , 45, 7-10	17

913	Modelling PM2.5 impact indicators in Europe: Health effects and legal compliance. <b>2015</b> , 74, 201-211	58
912	Source Apportionment of Polycyclic Aromatic Hydrocarbons in Central European Soils with Compound-Specific Triple Isotopes ( $\delta^{13}C$ , $\delta^{14}C$ , and $\delta^2H$ ). <b>2015</b> , 49, 7657-65	50
911	Arterial blood pressure responses to short-term exposure to low and high traffic-related air pollution with and without moderate physical activity. <b>2015</b> , 22, 548-57	65
910	Spatial and indoor/outdoor gradients in urban concentrations of ultrafine particles and PM2.5 mass and chemical components. <b>2015</b> , 103, 307-320	29
909	Long-term trend of NO2 in major urban areas of Korea and possible consequences for health. <b>2015</b> , 106, 347-357	11
908	LUR models for particulate matters in the Taipei metropolis with high densities of roads and strong activities of industry, commerce and construction. <b>2015</b> , 514, 178-84	39
907	A multi-scale health impact assessment of air pollution over the 21st century. <b>2015</b> , 514, 439-49	46
906	Variability in and agreement between modeled and personal continuously measured black carbon levels using novel smartphone and sensor technologies. <b>2015</b> , 49, 2977-82	87
905	Adult lung function and long-term air pollution exposure. ESCAPE: a multicentre cohort study and meta-analysis. <b>2015</b> , 45, 38-50	218
904	Temporal-spatial variations of the physicochemical characteristics of air pollution Particulate Matter (PM2.5-0.3) and toxicological effects in human bronchial epithelial cells (BEAS-2B). <b>2015</b> , 137, 256-67	82
903	Traffic-related air pollution exposure and incidence of stroke in four cohorts from Stockholm. <b>2015</b> , 25, 517-23	40
902	A simplified benchmark of ultrafine particle dispersion in idealized urban street canyons: A wind tunnel study. <b>2015</b> , 93, 186-198	22
901	Impact of a future H2 transportation on atmospheric pollution in Europe. <b>2015</b> , 113, 208-222	18
900	Natural-cause mortality and long-term exposure to particle components: an analysis of 19 European cohorts within the multi-center ESCAPE project. <b>2015</b> , 123, 525-33	92
899	Associations of mortality with long-term exposures to fine and ultrafine particles, species and sources: results from the California Teachers Study Cohort. <b>2015</b> , 123, 549-56	239
898	A study of the combined effects of physical activity and air pollution on mortality in elderly urban residents: the Danish Diet, Cancer, and Health Cohort. <b>2015</b> , 123, 557-63	104
897	Long-term effects of elemental composition of particulate matter on inflammatory blood markers in European cohorts. <b>2015</b> , 82, 76-84	58
896	Development of an integrated policy making tool for assessing air quality and human health benefits of air pollution control. <b>2015</b> , 9, 1056-1065	10

895	Association of air pollution with cognitive functions and its modification by APOE gene variants in elderly women. <b>2015</b> , 142, 10-6	95
894	Effects on health of air pollution: a narrative review. <b>2015</b> , 10, 657-62	148
893	A review of post-nuclear-catastrophe management. <b>2015</b> , 78, 072301	1
892	Ambient air pollution and adult asthma incidence in six European cohorts (ESCAPE). <b>2015</b> , 123, 613-21	142
891	Environmental and health benefits from designating the Marmara Sea and the Turkish Straits as an emission control area (ECA). <b>2015</b> , 49, 3304-13	44
890	Air pollution and cardiovascular disease. <b>2015</b> , 40, 207-38	277
889	Inflammatory markers in relation to long-term air pollution. <b>2015</b> , 81, 1-7	41
888	Spatial and temporal variability of ultrafine particles, NO <sub>2</sub> , PM <sub>2.5</sub> , PM <sub>2.5</sub> absorbance, PM <sub>10</sub> and PM <sub>coarse</sub> in Swiss study areas. <b>2015</b> , 111, 60-70	40
887	Oxidative potential of particulate matter at a German motorway. <b>2015</b> , 17, 868-76	12
886	Tobacco smoke particles and indoor air quality (ToPIQ-II) - a modified study protocol and first results. <b>2015</b> , 10, 5	41
885	The association of long-term exposure to PM <sub>2.5</sub> on all-cause mortality in the Nurses' Health Study and the impact of measurement-error correction. <b>2015</b> , 14, 38	61
884	Population health and status of epidemiology in Western European, Balkan and Baltic countries. <b>2015</b> , 44, 300-23	9
883	ESCAPEing from bad-quality air: a cleaner air, from Europe to elsewhere. <b>2015</b> , 45, 11-3	2
882	Health impacts of anthropogenic biomass burning in the developed world. <b>2015</b> , 46, 1577-88	119
881	Global standards for global health in a globalized economy!. <b>2015</b> , 60, 757-9	8
880	Place of work and residential exposure to ambient air pollution and birth outcomes in Scotland, using geographically fine pollution climate mapping estimates. <b>2015</b> , 140, 535-41	35
879	Size and site dependent biological hazard potential of particulate matters collected from different heights at the vicinity of a building construction. <b>2015</b> , 238, 20-9	12
878	Anthropogenic Carbon Nanotubes Found in the Airways of Parisian Children. <b>2015</b> , 2, 1697-704	71

877	Tradeoffs between income, air pollution and life expectancy: Brief report on the US experience, 1980-2000. <b>2015</b> , 142, 591-3	11
876	Environmental factors in cardiovascular disease. <b>2015</b> , 12, 627-42	271
875	High Resolution Air Pollution Maps in Urban Environments Using Mobile Sensor Networks. <b>2015</b> ,	43
874	Air pollution in moderately polluted urban areas: How does the definition of "neighborhood" impact exposure assessment?. <b>2015</b> , 206, 437-48	19
873	The formation and physical properties of the particle emissions from a natural gas engine. <b>2015</b> , 162, 155-161	79
872	The contribution of outdoor air pollution sources to premature mortality on a global scale. <b>2015</b> , 525, 367-71	2846
871	Spatial variation of PM elemental composition between and within 20 European study areas--Results of the ESCAPE project. <b>2015</b> , 84, 181-92	37
870	Evaluation of fine particles in surgical smoke from an urologist's operating room by time and by distance. <b>2015</b> , 47, 1671-8	22
869	Association between long-term exposure to air pollution and mortality in France: A 25-year follow-up study. <b>2015</b> , 85, 5-14	76
868	Long term effects of residential NO(x) exposure on total and cause-specific mortality and incidence of myocardial infarction in a Swedish cohort. <b>2015</b> , 142, 197-206	28
867	Traffic pollution is associated with early childhood aeroallergen sensitization. <b>2015</b> , 114, 126-33	37
866	Relationship between fine particulate air pollution and ischaemic heart disease morbidity and mortality. <b>2015</b> , 101, 257-63	155
865	Health effects of fine particulate matter in life cycle impact assessment: findings from the Basel Guidance Workshop. <b>2015</b> , 20, 276-288	48
864	Biomolecular Markers within the Core Axis of Aging and Particulate Air Pollution Exposure in the Elderly: A Cross-Sectional Study. <b>2016</b> , 124, 943-50	67
863	Associations of Residential Long-Term Air Pollution Exposures and Satellite-Derived Greenness with Insulin Resistance in German Adolescents. <b>2016</b> , 124, 1291-8	96
862	Long-term PM2.5 Exposure and Neurological Hospital Admissions in the Northeastern United States. <b>2016</b> , 124, 23-9	258
861	Ischemic Heart Disease Mortality and Long-Term Exposure to Source-Related Components of U.S. Fine Particle Air Pollution. <b>2016</b> , 124, 785-94	223
860	Rapid Assessment of Environmental Health Impacts for Policy Support: The Example of Road Transport in New Zealand. <b>2015</b> , 13, ijerph13010061	18

- 859 The Dynamical Impact of Rossby Wave Breaking upon UK PM10 Concentration. **2016,**
- 858 Particulate Air Pollution, Exceptional Aging, and Rates of Centenarians: A Nationwide Analysis of the United States, 1980-2010. **2016,** 124, 1744-1750 10
- 857 Correlation analysis of lung cancer and urban spatial factor: based on survey in Shanghai. **2016,** 8, 2626-2637 16
- 856 Automatic and Noninvasive Indoor Air Quality Control in HVAC Systems. **2016,** 2016, 1-11
- 855 Adverse Health Impacts of Particulate Matter. **2016,** 15-39 4
- 854 Diversity and Composition of Airborne Fungal Community Associated with Particulate Matters in Beijing during Haze and Non-haze Days. **2016,** 7, 487 54
- 853 Spatiotemporal Variability of Remotely Sensed PM2.5 Concentrations in China from 1998 to 2014 Based on a Bayesian Hierarchy Model. **2016,** 13, 11
- 852 Effects of Particulate Matter and Its Chemical Constituents on Elderly Hospital Admissions Due to Circulatory and Respiratory Diseases. **2016,** 13, 24
- 851 Air Quality Strategies on Public Health and Health Equity in Europe-A Systematic Review. **2016,** 13, 32
- 850 Air Pollution Stress and the Aging Phenotype: The Telomere Connection. **2016,** 3, 258-69 56
- 849 Associations of short-term exposure to traffic-related air pollution with cardiovascular and respiratory hospital admissions in London, UK. **2016,** 73, 300-7 78
- 848 A New Method to Jointly Estimate the Mortality Risk of Long-Term Exposure to Fine Particulate Matter and its Components. **2016,** 6, 18916 45
- 847 Reduction of outdoor particulate matter concentrations by local removal in semi-enclosed parking garages: A preliminary case study for Eindhoven city center. **2016,** 159, 80-98 42
- 846 Inflammation, Aging, and Oxidative Stress. **2016,** 8
- 845 The LifeLines Cohort Study: a resource providing new opportunities for environmental epidemiology. **2016,** 74, 32 8
- 844 Estimation of long-term population exposure to PM2.5 for dense urban areas using 1-km MODIS data. **2016,** 179, 13-22 76
- 843 Staying Healthy From 1 to 100. **2016,**
- 842 *Papillifera papillaris* (O.F. Mller), a small snail living on stones and monuments, as indicator of metal deposition and bioavailability in urban environments. **2016,** 69, 360-367 13



841	Long-term exposure to fine particulate matter and incidence of diabetes in the Danish Nurse Cohort. <b>2016</b> , 91, 243-50	82
840	Nanoparticles in road dust from impervious urban surfaces: distribution, identification, and environmental implications. <b>2016</b> , 3, 534-544	51
839	The role of air pollution in COPD and implications for therapy. <b>2016</b> , 10, 849-59	5
838	Public Health Costs of Primary PM <sub>2.5</sub> and Inorganic PM <sub>2.5</sub> Precursor Emissions in the United States. <b>2016</b> , 50, 6061-70	72
837	Best options for the exposure of traditional and innovative moss bags: A systematic evaluation in three European countries. <b>2016</b> , 214, 362-373	44
836	Is particulate air pollution at the front door a good proxy of residential exposure?. <b>2016</b> , 213, 347-358	10
835	How do you explain the risk of air pollution to your patients?. <b>2016</b> , 12, 201-203	7
834	A cooperative reduction model for regional air pollution control in China that considers adverse health effects and pollutant reduction costs. <b>2016</b> , 573, 458-469	28
833	Enhancing measurement quality through active sampling in mobile air quality monitoring sensor networks. <b>2016</b> ,	3
832	Low-Power Gas Sensing Using Single Walled Carbon Nano Tubes in Wearable Devices. <b>2016</b> , 1-1	13
831	Air Pollution and Its Health Effects in China. <b>2016</b> , 3-46	
830	Development of Land Use Regression models for particulate matter and associated components in a low air pollutant concentration airshed. <b>2016</b> , 144, 69-78	16
829	Exposure to Ambient Air Pollution and the Risk of Inflammatory Bowel Disease: A European Nested Case-Control Study. <b>2016</b> , 61, 2963-2971	30
828	Multimorbidity and mortality in older adults: A systematic review and meta-analysis. <b>2016</b> , 67, 130-8	260
827	Government employees' perception of urban air pollution and willingness to pay for improved quality: a cross-sectional survey study in Nanchang, China. <b>2016</b> , 23, 22183-22189	14
826	Ambient PM <sub>2.5</sub> Exposure and Mortality Due to Lung Cancer and Cardiopulmonary Diseases in Polish Cities. <b>2017</b> , 944, 9-17	53
825	Estimation of excess mortality due to long-term exposure to PM <sub>2.5</sub> in Japan using a high-resolution model for present and future scenarios. <b>2016</b> , 140, 320-332	31
824	Does Air Pollution Cause a Threefold Increase in Chronic Obstructive Pulmonary Disease among Patients with Asthma?. <b>2016</b> , 194, 389-90	1

823	Differential responses of healthy and chronic obstructive pulmonary diseased human bronchial epithelial cells repeatedly exposed to air pollution-derived PM. <b>2016</b> , 218, 1074-1088	46
822	The mortality impacts of fine particles in France. <b>2016</b> , 571, 416-25	23
821	Development of West-European PM and NO land use regression models incorporating satellite-derived and chemical transport modelling data. <b>2016</b> , 151, 1-10	118
820	The health impacts of traffic-related exposures in urban areas: Understanding real effects, underlying driving forces and co-producing future directions. <b>2016</b> , 3, 249-267	88
819	Female lung cancer mortality and long-term exposure to particulate matter in Italy. <b>2017</b> , 27, 178-183	6
818	Impact of the Airborne Particulate Matter on the Human Health. <b>2016</b> , 597-643	1
817	Urban particulate matter down-regulates filaggrin via COX2 expression/PGE2 production leading to skin barrier dysfunction. <b>2016</b> , 6, 27995	96
816	The importance of temporal collocation for the evaluation of aerosol models with observations. <b>2016</b> , 16, 1065-1079	52
815	Will a perfect model agree with perfect observations? The impact of spatial sampling. <b>2016</b> , 16, 6335-6353	81
814	Resonant Raman-based cytochrome C biosensor as a tool for evaluating the oxidative properties of the diesel exhaust particulate matter. <b>2016</b> , 47, 796-800	3
813	Car free cities: Pathway to healthy urban living. <b>2016</b> , 94, 251-262	177
812	A New Technique for Evaluating Land-use Regression Models and Their Impact on Health Effect Estimates. <b>2016</b> , 27, 51-6	20
811	Source apportionment of wide range particle size spectra and black carbon collected at the airport of Venice (Italy). <b>2016</b> , 139, 56-74	25
810	Effect of indoor-generated airborne particles on radon progeny dynamics. <b>2016</b> , 314, 155-163	10
809	Association between long-term exposure to air pollutants and prevalence of cardiovascular disease in 108 South Korean communities in 2008-2010: A cross-sectional study. <b>2016</b> , 565, 271-278	23
808	Risk estimates of mortality attributed to low concentrations of ambient fine particulate matter in the Canadian community health survey cohort. <b>2016</b> , 15, 18	114
807	Development of land use regression models for nitrogen dioxide, ultrafine particles, lung deposited surface area, and four other markers of particulate matter pollution in the Swiss SAPALDIA regions. <b>2016</b> , 15, 53	43
806	Urban and transport planning, environmental exposures and health-new concepts, methods and tools to improve health in cities. <b>2016</b> , 15 Suppl 1, 38	122

805	Low-Concentration PM2.5 and Mortality: Estimating Acute and Chronic Effects in a Population-Based Study. <b>2016</b> , 124, 46-52	242
804	Impact of passenger car NOx emissions and NO2 fractions on urban NO2 pollution [scenario analysis for the city of Antwerp, Belgium. <b>2016</b> , 126, 218-224	41
803	Electron microscopic characterization of soot particulate matter emitted by modern direct injection gasoline engines. <b>2016</b> , 166, 307-315	45
802	"What We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Health". <b>2016</b> , 50, 4895-904	229
801	In vitro short-term exposure to air pollution PM2.5-0.3 induced cell cycle alterations and genetic instability in a human lung cell coculture model. <b>2016</b> , 147, 146-58	41
800	Air Pollution, Subclinical Inflammation and the Risk of Type 2 Diabetes. <b>2016</b> , 243-271	3
799	The association of air pollution and depressed mood in 70,928 individuals from four European cohorts. <b>2016</b> , 219, 212-9	101
798	Local Air Quality Management policy and practice in the UK: The case for greater Public Health integration and engagement. <b>2016</b> , 58, 52-60	19
797	Historic air pollution exposure and long-term mortality risks in England and Wales: prospective longitudinal cohort study. <b>2016</b> , 71, 330-8	43
796	A dynamic urban air pollution population exposure assessment study using model and population density data derived by mobile phone traffic. <b>2016</b> , 131, 289-300	43
795	Single and combined effects of air pollutants on circulatory and respiratory system-related mortality in Belgrade, Serbia. <b>2016</b> , 79, 17-27	24
794	. <b>2016</b> , 16, 1448-1459	37
793	Long-term traffic air and noise pollution in relation to mortality and hospital readmission among myocardial infarction survivors. <b>2016</b> , 219, 72-8	53
792	Estimating ground-level PM(10) in a Chinese city by combining satellite data, meteorological information and a land use regression model. <b>2016</b> , 208, 177-184	56
791	Ambient particulate air pollution and circulating antioxidant enzymes: A repeated-measure study in healthy adults in Beijing, China. <b>2016</b> , 208, 16-24	23
790	Is long-term exposure to traffic pollution associated with mortality? A small-area study in London. <b>2016</b> , 208, 25-32	16
789	Spatiotemporally resolved black carbon concentration, schoolchildren's exposure and dose in Barcelona. <b>2016</b> , 26, 391-402	56
788	Relation of ST-Segment Elevation Myocardial Infarction to Daily Ambient Temperature and Air Pollutant Levels in a Japanese Nationwide Percutaneous Coronary Intervention Registry. <b>2017</b> , 119, 872-880	33

787	Effect of monitoring network design on land use regression models for estimating residential NO <sub>2</sub> concentration. <b>2017</b> , 149, 24-33	17
786	Use of population exposure frequency distributions to simulate effects of policy interventions on NO <sub>2</sub> exposure. <b>2017</b> , 150, 1-14	12
785	Estimation of daily PM concentrations in Italy (2006-2012) using finely resolved satellite data, land use variables and meteorology. <b>2017</b> , 99, 234-244	66
784	Outdoor air pollution and risk for kidney parenchyma cancer in 14 European cohorts. <b>2017</b> , 140, 1528-1537	35
783	Interactions between cigarette smoking and ambient PM for cardiovascular mortality. <b>2017</b> , 154, 304-310	44
782	When Labor Disputes Bring Cities to a Standstill: The Impact of Public Transit Strikes on Traffic, Accidents, Air Pollution, and Health. <b>2017</b> , 9, 1-37	33
781	Ambient air pollution and primary liver cancer incidence in four European cohorts within the ESCAPE project. <b>2017</b> , 154, 226-233	49
780	An association of particulate air pollution and traffic exposure with mortality after lung transplantation in Europe. <b>2017</b> , 49,	28
779	Association between particulate matter 2.5 and diabetes mellitus: A meta-analysis of cohort studies. <b>2017</b> , 8, 687-696	63
778	Assessing the short term impact of air pollution on mortality: a matching approach. <b>2017</b> , 16, 7	21
777	Concentrations and personal exposure to black carbon particles at airports and on commercial flights. <b>2017</b> , 52, 128-138	12
776	Investigating the relationship between environmental factors and respiratory health outcomes in school children using the forced oscillation technique. <b>2017</b> , 220, 494-502	17
775	Think globally, act locally: neighbourhood pollution and the future of the earth. <b>2017</b> , 22, 894-899	4
774	Socioeconomic position and outdoor nitrogen dioxide (NO <sub>2</sub> ) exposure in Western Europe: A multi-city analysis. <b>2017</b> , 101, 117-124	36
773	Associations between lifestyle and air pollution exposure: Potential for confounding in large administrative data cohorts. <b>2017</b> , 156, 364-373	28
772	Health benefits of a reduction of PM and NO <sub>2</sub> exposure after implementing a clean air plan in the Agglomeration Lausanne-Morges. <b>2017</b> , 220, 829-839	27
771	Science, Politics, and Health: The Environmental Protection Agency at the Threshold. <b>2017</b> , 28, 316-319	3
770	Temporal trends of PM and its impact on mortality in Lombardy, Italy. <b>2017</b> , 227, 280-286	24

769	Determinants of black carbon, particle mass and number concentrations in London transport microenvironments. <b>2017</b> , 161, 247-262	44
768	Characterizing Ventilation and Exposure in Street Canyons Using Lagrangian Particles. <b>2017</b> , 56, 1177-1194	24
767	Participatory quantitative health impact assessment of urban and transport planning in cities: A review and research needs. <b>2017</b> , 103, 61-72	56
766	Personal exposure to UFP in different micro-environments and time of day. <b>2017</b> , 122, 237-246	13
765	A pre and post evaluation of indoor air quality, ventilation, and thermal comfort in retrofitted co-operative social housing. <b>2017</b> , 122, 126-133	50
764	Comparing the Effects of Particulate Matter on the Ocular Surfaces of Normal Eyes and a Dry Eye Rat Model. <b>2017</b> , 36, 605-610	37
763	Long-term effects of total and source-specific particulate air pollution on incident cardiovascular disease in Gothenburg, Sweden. <b>2017</b> , 158, 61-71	98
762	Health Without Borders. <b>2017</b> ,	1
761	On the Necessity of an Integrated, Participative and Adaptive Approach to Sustainable Urban Environmental Quality Planning. <b>2017</b> , 27, 193-206	
760	The Association Between Air Pollution and Onset of Depression Among Middle-Aged and Older Women. <b>2017</b> , 185, 801-809	99
759	Long-term Exposure to PM <sub>2.5</sub> and Mortality Among Older Adults in the Southeastern US. <b>2017</b> , 28, 207-214	83
758	National-scale exposure prediction for long-term concentrations of particulate matter and nitrogen dioxide in South Korea. <b>2017</b> , 226, 21-29	32
757	Burden of disease attributed to ambient PM and PM exposure in 190 cities in China. <b>2017</b> , 24, 11559-11572	69
756	Challenges in estimating health effects of indoor exposures to outdoor particles: Considerations for regional differences. <b>2017</b> , 589, 130-135	11
755	Carbon monoxide pollution aggravates ischemic heart failure through oxidative stress pathway. <b>2017</b> , 7, 39715	20
754	Disability-adjusted life years and economic cost assessment of the health effects related to PM and PM pollution in Mumbai and Delhi, in India from 1991 to 2015. <b>2017</b> , 24, 4709-4730	38
753	A critical review of the ESCAPE project for estimating long-term health effects of air pollution. <b>2017</b> , 99, 87-96	15
752	Suppression of progesterone synthesis in human trophoblast cells by fine particulate matter primarily derived from industry. <b>2017</b> , 231, 1172-1180	9

751	Associations between fine particulate matter and mortality in the 2001 Canadian Census Health and Environment Cohort. <b>2017</b> , 159, 406-415	97
750	Effects of long-term exposure to particulate matter and metal components on mortality in the Rome longitudinal study. <b>2017</b> , 109, 146-154	55
749	Experimental study of inhalable particle concentration distribution in typical university canteens. <b>2017</b> , 14, 81-88	4
748	Is Long-term Exposure to Air Pollution Associated with Episodic Memory? A Longitudinal Study from Northern Sweden. <b>2017</b> , 7, 12789	16
747	Blending Multiple Nitrogen Dioxide Data Sources for Neighborhood Estimates of Long-Term Exposure for Health Research. <b>2017</b> , 51, 12473-12480	6
746	A systematic review of land use regression models for volatile organic compounds. <b>2017</b> , 171, 1-16	21
745	Can traffic management strategies improve urban air quality? A review of the evidence. <b>2017</b> , 7, 111-124	56
744	Nonmalignant respiratory mortality and long-term exposure to PM and SO <sub>2</sub> : A 12-year cohort study in northern China. <b>2017</b> , 231, 761-767	19
743	Exposure to ambient air pollution and the incidence of dementia: A population-based cohort study. <b>2017</b> , 108, 271-277	185
742	Long-term exposure to particulate matter, NO and the oxidative potential of particulates and diabetes prevalence in a large national health survey. <b>2017</b> , 108, 228-236	67
741	More than clean air and tranquillity: Residential green is independently associated with decreasing mortality. <b>2017</b> , 108, 176-184	131
740	Early-life exposure to air pollutants and adverse pregnancy outcomes: protocol for a prospective cohort study in Beijing. <b>2017</b> , 7, e015895	8
739	Efficacy of Recent Emissions Controls on Road Vehicles in Europe and Implications for Public Health. <b>2017</b> , 7, 1152	23
738	Premature Mortality Attributable to Particulate Matter in China: Source Contributions and Responses to Reductions. <b>2017</b> , 51, 9950-9959	116
737	Mitigating ammonia emission from agriculture reduces PM pollution in the Hai River Basin in China. <b>2017</b> , 609, 1152-1160	41
736	Discovery and ramifications of incidental Magn <sub>2</sub> phase generation and release from industrial coal-burning. <b>2017</b> , 8, 194	30
735	Methods for Assessing Long-Term Exposures to Outdoor Air Pollutants. <b>2017</b> , 4, 450-462	73
734	Ambient Air Pollution and Health Impact in China. <b>2017</b> ,	3

733	The Associations Between Air Pollution and Adverse Pregnancy Outcomes in China. <b>2017</b> , 1017, 181-214	14
732	Size-segregated particulate matter and its association with respiratory deposition doses among outdoor exercisers in Dhanbad City, India. <b>2017</b> , 67, 1137-1145	21
731	Health impacts of urban transport policy measures: A guidance note for practice. <b>2017</b> , 6, 209-227	41
730	Children's Urinary Environmental Carbon Load. A Novel Marker Reflecting Residential Ambient Air Pollution Exposure?. <b>2017</b> , 196, 873-881	62
729	Effect of long-term exposure to air pollution on anxiety and depression in adults: A cross-sectional study. <b>2017</b> , 220, 1074-1080	116
728	Air Pollution and Mortality in the Medicare Population. <b>2017</b> , 376, 2513-2522	694
727	Oxidative Stress and Cardiovascular Risk: Obesity, Diabetes, Smoking, and Pollution: Part 3 of a 3-Part Series. <b>2017</b> , 70, 230-251	164
726	Short-term effects of ambient air pollution and childhood lower respiratory diseases. <b>2017</b> , 7, 4414	24
725	Ambient PM <sub>2.5</sub> Exposure and Mortality Due to Lung Cancer and Cardiopulmonary Diseases in Polish Cities. <b>2017</b> , 9-17	2
724	Association of temporal distribution of fine particulate matter with glucose homeostasis during pregnancy in women of Chiayi City, Taiwan. <b>2017</b> , 152, 81-87	31
723	Airborne particulate matter pollution in urban China: a chemical mixture perspective from sources to impacts. <b>2017</b> , 4, 593-610	48
722	Genetic susceptibility for air pollution-induced airway inflammation in the SALIA study. <b>2017</b> , 152, 43-50	16
721	Evaluation of an urban modelling system against three measurement campaigns in London and Birmingham. <b>2017</b> , 8, 38-55	4
720	Modifications of exposure to ambient particulate matter: Tackling bias in using ambient concentration as surrogate with particle infiltration factor and ambient exposure factor. <b>2017</b> , 220, 337-347	53
719	Fine Particulate Air Pollution and Mortality: Response to Enstrom's Reanalysis of the American Cancer Society Cancer Prevention Study II Cohort. <b>2017</b> , 15, 1559325817746303	7
718	Air pollution levels and cardiovascular health: Low is not enough. <b>2017</b> , 24, 1851-1853	11
717	The dynamical impact of Rossby wave breaking upon UK PM <sub>2.5</sub> concentration. <b>2017</b> , 17, 867-881	7
716	Relationship between Chemical Composition and Oxidative Potential of Secondary Organic Aerosol from Polycyclic Aromatic Hydrocarbons. <b>2017</b> ,	1

715	Evaluation of high-resolution GRAMM <sup>2</sup> RAL (v15.12/v14.8) NO <sub>x</sub> and PM <sub>10</sub> simulations over the city of Zürich, Switzerland. <b>2017</b> , 10, 3441-3459	13
714	Exposure Assessment Methods in Studies on Waste Management and Health Effects: An Overview. <b>2017</b> , 4, 19	1
713	Hospitalizations in Pediatric and Adult Patients for All Cancer Type in Italy: The EPIKIT Study under the E.U. COHEIRS Project on Environment and Health. <b>2017</b> , 14,	1
712	Health Impact of PM <sub>10</sub> , PM <sub>2.5</sub> and Black Carbon Exposure Due to Different Source Sectors in Stockholm, Gothenburg and Umea, Sweden. <b>2017</b> , 14,	68
711	Heat Exposure and Maternal Health in the Face of Climate Change. <b>2017</b> , 14,	68
710	Association between Long-Term Exposure to Particulate Matter Air Pollution and Mortality in a South Korean National Cohort: Comparison across Different Exposure Assessment Approaches. <b>2017</b> , 14,	23
709	Validation of a light-scattering PM <sub>2.5</sub> sensor monitor based on the long-term gravimetric measurements in field tests. <b>2017</b> , 12, e0185700	21
708	Historical Prediction Modeling Approach for Estimating Long-Term Concentrations of PM <sub>2.5</sub> in Cohort Studies before the 1999 Implementation of Widespread Monitoring. <b>2017</b> , 125, 38-46	41
707	Long-Term Exposure to Ambient Air Pollution and Incidence of Postmenopausal Breast Cancer in 15 European Cohorts within the ESCAPE Project. <b>2017</b> , 125, 107005	72
706	Burden of Mortality and Disease Attributable to Multiple Air Pollutants in Warsaw, Poland. <b>2017</b> , 14,	22
705	Long-term Fine Particulate Matter Exposure and Nonaccidental and Cause-specific Mortality in a Large National Cohort of Chinese Men. <b>2017</b> , 125, 117002	168
704	Long-Term Air Pollution Exposure and Amyotrophic Lateral Sclerosis in Netherlands: A Population-based Case-control Study. <b>2017</b> , 125, 097023	31
703	Smoking and Air Pollution. <b>2017</b> , 281-290.e1	1
702	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. <b>2017</b> , 125, 106002	210
701	Long-Term Exposure to Road Traffic Noise and Nitrogen Dioxide and Risk of Heart Failure: A Cohort Study. <b>2017</b> , 125, 097021	24
700	L'Aquila Smart Clean Air City: The Italian Pilot Project for Healthy Urban Air. <b>2017</b> , 4, 78	3
699	Population-Level Exposure to Particulate Air Pollution during Active Travel: Planning for Low-Exposure, Health-Promoting Cities. <b>2017</b> , 125, 527-534	43
698	Development of human health damage factors for PM <sub>2.5</sub> based on a global chemical transport model. <b>2018</b> , 23, 2300-2310	25



697	Airborne particulate matter impairs corneal epithelial cells migration via disturbing FAK/RhoA signaling pathway and cytoskeleton organization. <b>2018</b> , 12, 312-324	23
696	Air Pollution and Atherosclerosis. <b>2018</b> , 315-325	1
695	Maternal exposure to PM in south Texas, a pilot study. <b>2018</b> , 628-629, 1497-1507	18
694	From John Snow to omics: the long journey of environmental epidemiology. <b>2018</b> , 33, 355-363	11
693	Evaluating the mutagenic potential of aerosol organic compounds using informatics-based screening. <b>2018</b> , 18, 2329-2340	
692	Variability in impact of air pollution on subjective well-being. <b>2018</b> , 183, 175-208	22
691	Assessing the associations of daily respiratory symptoms and lung function in schoolchildren using an Air Quality Index for ozone: Results from the RESPOZE panel study in Athens, Greece. <b>2018</b> , 633, 492-499	14
690	Development of land-use regression models for fine particles and black carbon in peri-urban South India. <b>2018</b> , 634, 77-86	23
689	Placental promoter methylation of DNA repair genes and prenatal exposure to particulate air pollution: an ENVIRONAGE cohort study. <b>2018</b> , 2, e174-e183	37
688	Higher health effects of ambient particles during the warm season: The role of infiltration factors. <b>2018</b> , 627, 67-77	12
687	Air Pollution and the Skin Health. <b>2018</b> , 1059-1075	
686	Air Pollution Exposure During Fetal Life, Brain Morphology, and Cognitive Function in School-Age Children. <b>2018</b> , 84, 295-303	89
685	Air pollution as a risk factor in health impact assessments of a travel mode shift towards cycling. <b>2018</b> , 11, 1429081	23
684	Vertical variation of PM mass and chemical composition, particle size distribution, NO, and BTEX at a high rise building. <b>2018</b> , 235, 339-349	30
683	Air quality and acute myocardial infarction in adults during the 2016 Hangzhou G20 summit. <b>2018</b> , 25, 9949-9956	4
682	Choices Behind Numbers: a Review of the Major Air Pollution Health Impact Assessments in Europe. <b>2018</b> , 5, 34-43	12
681	Legal regulations of restrictions of air pollution made by non-road mobile machinery-the case study for Europe: a review. <b>2018</b> , 25, 3243-3259	37
680	Synergistic and Antagonistic Interactions among the Particulate Matter Components in Generating Reactive Oxygen Species Based on the Dithiothreitol Assay. <b>2018</b> , 52, 2261-2270	66

679	Indoor exposure to particles emitted by biomass-burning heating systems and evaluation of dose and lung cancer risk received by population. <b>2018</b> , 235, 65-73	27
678	Short-term particulate matter exposure influences nasal microbiota in a population of healthy subjects. <b>2018</b> , 162, 119-126	29
677	Air pollution and occurrence of type 2 diabetes in a large cohort study. <b>2018</b> , 112, 68-76	75
676	Long-term exposure to ambient air pollution and incidence of brain tumor: the European Study of Cohorts for Air Pollution Effects (ESCAPE). <b>2018</b> , 20, 420-432	44
675	Estimated effects of air pollution and space-time-activity on cardiopulmonary outcomes in healthy adults: A repeated measures study. <b>2018</b> , 111, 247-259	44
674	Air pollution and incidence of cancers of the stomach and the upper aerodigestive tract in the European Study of Cohorts for Air Pollution Effects (ESCAPE). <b>2018</b> , 143, 1632-1643	31
673	Lung cancer risk assessment due to traffic-generated particles exposure in urban street canyons: A numerical modelling approach. <b>2018</b> , 631-632, 1109-1116	38
672	Relationship between chemical composition and oxidative potential of secondary organic aerosol from polycyclic aromatic hydrocarbons. <b>2018</b> , 18, 3987-4003	43
671	Evaluation of mitigation measures for air quality in Italy in 2020 and 2030. <b>2018</b> , 9, 977-988	13
670	Spatiotemporal evolution of the remotely sensed global continental PM concentration from 2000-2014 based on Bayesian statistics. <b>2018</b> , 238, 471-481	19
669	Association between air pollution and rhinitis incidence in two European cohorts. <b>2018</b> , 115, 257-266	28
668	Residential Proximity to Major Roadways and Risk of Incident Ischemic Stroke in NOMAS (The Northern Manhattan Study). <b>2018</b> , 49, 835-841	27
667	Low-Cost Programmable Air Quality Sensor Kits in Science Education. <b>2018</b> ,	7
666	Terephthalate Probe for Hydroxyl Radicals: Yield of 2-Hydroxyterephthalic Acid and Transition Metal Interference. <b>2018</b> , 51, 2488-2497	30
665	A land use regression model for explaining spatial variation in air pollution levels using a wind sector based approach. <b>2018</b> , 630, 1324-1334	18
664	Is There an Association Between Ambient Air Pollution and Bladder Cancer Incidence? Analysis of 15 European Cohorts. <b>2018</b> , 4, 113-120	19
663	Realising car-free developments within compact cities. <b>2018</b> , 171, 41-50	6
662	Effects of Diesel Exhaust on Cardiovascular Function and Oxidative Stress. <b>2018</b> , 28, 819-836	33

661	Development and evaluation of land use regression models for black carbon based on bicycle and pedestrian measurements in the urban environment. <b>2018</b> , 99, 58-69	33
660	Modelling daily PM concentrations at high spatio-temporal resolution across Switzerland. <b>2018</b> , 233, 1147-1154	59
659	Commuter exposure to fine and ultrafine particulate matter in Vienna. <b>2018</b> , 130, 62-69	16
658	Estimating premature mortality attributable to PM exposure and benefit of air pollution control policies in China for 2020. <b>2018</b> , 612, 683-693	131
657	Mortality risk and PM2.5 air pollution in the USA: an analysis of a national prospective cohort. <b>2018</b> , 11, 245-252	36
656	Urban Organic Aerosol Exposure: Spatial Variations in Composition and Source Impacts. <b>2018</b> , 52, 415-426	13
655	Effect of long-term exposure to ambient particulate matter on prevalence of type 2 diabetes and hypertension in Iranian adults: an ecologic study. <b>2018</b> , 25, 1713-1718	12
654	Differentially DNA methylation changes induced in vitro by traffic-derived nanoparticulate matter. <b>2018</b> , 395, 54-62	8
653	Ecology of the cardiovascular system: A focus on air-related environmental factors. <b>2018</b> , 28, 112-126	39
652	Air Pollution Exposure During Pregnancy and Symptoms of Attention Deficit and Hyperactivity Disorder in Children in Europe. <b>2018</b> , 29, 618-626	34
651	Uncertainties in estimates of mortality attributable to ambient PM 2.5 in Europe. <b>2018</b> , 13, 064029	12
650	Trends in air pollutants and health impacts in three Swedish cities over the past three decades. <b>2018</b> , 18, 15705-15723	18
649	Particle-bound reactive oxygen species (PB-ROS) emissions and formation pathways in residential wood smoke under different combustion and aging conditions. <b>2018</b> , 18, 6985-7000	21
648	Cost-efficient strategy for reducing PM 2.5 levels in the Tokyo metropolitan area: An integrated approach with air quality and economic models. <b>2018</b> , 13, e0207623	3
647	Steady-state Characterization of Particle Number Emissions from a Heavy-Duty Euro VI Engine Fueled with Compressed Natural Gas. <b>2018</b> , 148, 671-678	10
646	Pollutant composition modification of the effect of air pollution on progression of coronary artery calcium: the Multi-Ethnic Study of Atherosclerosis. <b>2018</b> , 2,	7
645	Individual-level modifiers of the acute effects of air pollution on mortality in Wuhan, China. <b>2018</b> , 3, 27	21
644	Diabetes Status and Susceptibility to the Effects of PM2.5 Exposure on Cardiovascular Mortality in a National Canadian Cohort. <b>2018</b> , 29, 784-794	21

643	Long-Term Effect of Outdoor Air Pollution on Mortality and Morbidity: A 12-Year Follow-Up Study for Metropolitan France. <b>2018</b> , 15,	44
642	Disability Adjusted Life Years (DALYs) in Terms of Years of Life Lost (YLL) Due to Premature Adult Mortalities and Postneonatal Infant Mortalities Attributed to PM and PM Exposures in Kuwait. <b>2018</b> , 15,	25
641	Spatiotemporal Scheduling for Crowd Augmented Urban Sensing. <b>2018</b> ,	14
640	Space-time trends of PM constituents in the conterminous United States estimated by a machine learning approach, 2005-2015. <b>2018</b> , 121, 1137-1147	30
639	Long-Term Exposure to Ultrafine Particles and Incidence of Cardiovascular and Cerebrovascular Disease in a Prospective Study of a Dutch Cohort. <b>2018</b> , 126, 127007	75
638	Particulate Matter Air Pollution: Effects on the Cardiovascular System. <b>2018</b> , 9, 680	165
637	Estimating the Effects of PM on Life Expectancy Using Causal Modeling Methods. <b>2018</b> , 126, 127002	27
636	Impact of Built Environment on Respiratory Health: An Empirical Study. <b>2018</b> , 08, 1840001	2
635	Particulate matter air pollution and respiratory impact on humans and animals. <b>2018</b> , 25, 33901-33910	73
634	Long-term exposure to low concentrations of air pollutants and hospitalisation for respiratory diseases: A prospective cohort study in Australia. <b>2018</b> , 121, 415-420	34
633	Air pollution-derived PM impairs mitochondrial function in healthy and chronic obstructive pulmonary diseased human bronchial epithelial cells. <b>2018</b> , 243, 1434-1449	77
632	Activated iRhom2 drives prolonged PM exposure-triggered renal injury in Nrf2-defective mice. <b>2018</b> , 12, 1045-1067	12
631	Air Pollution, Noise, Blue Space, and Green Space and Premature Mortality in Barcelona: A Mega Cohort. <b>2018</b> , 15,	48
630	All-cause mortality risk associated with long-term exposure to ambient PM in China: a cohort study. <b>2018</b> , 3, e470-e477	116
629	An Internet of Things System for Sensing, Analysis & Forecasting Urban Air Quality. <b>2018</b> ,	2
628	Application and validation of a line-source dispersion model to estimate small scale traffic-related particulate matter concentrations across the conterminous US. <b>2018</b> , 11, 741-754	4
627	The Effect of PM from Household Combustion on Life Expectancy in Sub-Saharan Africa. <b>2018</b> , 15,	8
626	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. <b>2018</b> , 115, 9592-9597	810

625	Air pollution and its threat to public health in Asia. <b>2018</b> , 39-65	
624	Inversely modeling homogeneous H <sub>2</sub> SO <sub>4</sub> -H <sub>2</sub> O nucleation rate in exhaust-related conditions. <b>2018</b> ,	
623	Trends in air pollutants and health impacts in three Swedish cities over the past three decades. <b>2018</b> ,	1
622	Comparison of land use regression models for NO based on routine and campaign monitoring data from an urban area of Japan. <b>2018</b> , 631-632, 1029-1037	14
621	Fine particulate matter associated mortality burden of lung cancer in Hebei Province, China. <b>2018</b> , 9, 820-826	12
620	Insights in particulate matter-induced allergic airway inflammation: Focus on the epithelium. <b>2018</b> , 48, 773-786	42
619	Assessing personal exposure to PM using data from an integrated indoor-outdoor experiment in Athens-Greece. <b>2018</b> , 636, 1303-1320	22
618	Early growth response gene 1 is essential for urban particulate matter-induced inflammation and mucus hyperproduction in airway epithelium. <b>2018</b> , 294, 145-155	14
617	Impact of Obesity and Ozone on the Association Between Particulate Air Pollution and Cardiovascular Disease and Stroke Mortality Among US Adults. <b>2018</b> , 7,	19
616	Association of ambient particulate matter with heart failure incidence and all-cause readmissions in Tasmania: an observational study. <b>2018</b> , 8, e021798	14
615	Satellite-based short- and long-term exposure to PM and adult mortality in urban Beijing, China. <b>2018</b> , 242, 492-499	31
614	Long-term exposure to air pollution and the incidence of multiple sclerosis: A population-based cohort study. <b>2018</b> , 166, 437-443	21
613	Estimation of ultrahigh resolution PM <sub>2.5</sub> concentrations in urban areas using 160 m Gaofen-1 AOD retrievals. <b>2018</b> , 216, 91-104	54
612	Spatial PM, NO, O and BC models for Western Europe - Evaluation of spatiotemporal stability. <b>2018</b> , 120, 81-92	106
611	The concentration-response between long-term PM exposure and mortality; A meta-regression approach. <b>2018</b> , 166, 677-689	131
610	Residents' Dissatisfaction and All-Cause Mortality. Evidence from 74 European Cities. <b>2017</b> , 8, 2319	2
609	Incidence and mortality risk for respiratory tract cancer in the city of S̃o Paulo, Brazil: Bayesian analysis of the association with traffic density. <b>2018</b> , 56, 53-59	4
608	Land Use Regression Modelling of Outdoor NO <sub>2</sub> and PM Concentrations in Three Low Income Areas in the Western Cape Province, South Africa. <b>2018</b> , 15,	24

607	Urban haze and photovoltaics. <b>2018</b> , 11, 3043-3054	34
606	A Comparison of the Health Effects of Ambient Particulate Matter Air Pollution from Five Emission Sources. <b>2018</b> , 15,	99
605	A hybrid Grey-Markov/ LUR model for PM10 concentration prediction under future urban scenarios. <b>2018</b> , 187, 401-409	31
604	An Agent-Based Modeling Framework for Simulating Human Exposure to Environmental Stresses in Urban Areas. <b>2018</b> , 2, 36	12
603	The experimental study on indoor and outdoor penetration coefficient of atmospheric fine particles. <b>2018</b> , 132, 70-82	13
602	Vertical profiles of lung deposited surface area concentration of particulate matter measured with a drone in a street canyon. <b>2018</b> , 241, 96-105	28
601	EXPOsOMICS: final policy workshop and stakeholder consultation. <b>2018</b> , 18, 260	18
600	Assessing air quality index awareness and use in Mexico City. <b>2018</b> , 18, 538	25
599	Long term exposure to air pollution and mortality in an elderly cohort in Hong Kong. <b>2018</b> , 117, 99-106	55
598	[Epidemiological studies with environmental relevance in Germany]. <b>2018</b> , 61, 697-709	1
597	The Canadian Urban Environmental Health Research Consortium - a protocol for building a national environmental exposure data platform for integrated analyses of urban form and health. <b>2018</b> , 18, 114	28
596	PM-induced oxidative stress increases intercellular adhesion molecule-1 expression in lung epithelial cells through the IL-6/AKT/STAT3/NF- $\kappa$ B-dependent pathway. <b>2018</b> , 15, 4	101
595	Long-term Concentrations of Nitrogen Dioxide and Mortality: A Meta-analysis of Cohort Studies. <b>2018</b> , 29, 460-472	107
594	The neurotoxicity induced by PM might be strongly related to changes of the hippocampal tissue structure and neurotransmitter levels. <b>2018</b> , 7, 1144-1152	11
593	Effects of ambient air pollution on incident Parkinson's disease in Ontario, 2001 to 2013: a population-based cohort study. <b>2018</b> , 47, 2038-2048	36
592	In vitro inhalation bioaccessibility for particle-bound hydrophobic organic chemicals: Method development, effects of particle size and hydrophobicity, and risk assessment. <b>2018</b> , 120, 295-303	18
591	The Threat of Ambient Air Pollution in Kathmandu, Nepal. <b>2018</b> , 2018, 1504591	38
590	Diesel exhaust and house dust mite allergen lead to common changes in the airway methylome and hydroxymethylome. <b>2018</b> , 4, dvy020	27

589	Air Pollution Forecasts: An Overview. <b>2018</b> , 15,	102
588	Evaluation of the Danish AirGIS air pollution modeling system against measured concentrations of PM2.5, PM10, and black carbon. <b>2018</b> , 2, e014	37
587	Long-term trends in ambient particulate matter, chemical composition, and associated health risk and mortality burden in Hong Kong (1995-2016). <b>2018</b> , 11, 773-783	6
586	Systems analysis of EV adoption and criteria pollutant accumulation during inversion events. <b>2018</b> ,	1
585	Association between PM10, PM2.5, NO2, O3 and self-reported diabetes in Italy: A cross-sectional, ecological study. <b>2018</b> , 13, e0191112	32
584	Environment, cancer and inequalities-The urgent need for prevention. <b>2018</b> , 103, 317-326	23
583	Error in air pollution exposure model determinants and bias in health estimates. <b>2019</b> , 29, 258-266	3
582	New scrubber for air purification: abatement of particulate matter and treatment of the resulting wastewater. <b>2019</b> , 16, 1677-1690	2
581	Prenatal and Childhood Traffic-Related Air Pollution Exposure and Telomere Length in European Children: The HELIX Project. <b>2019</b> , 127, 87001	20
580	What Is the Exposome and How It Can Help Research on Air Pollution. <b>2019</b> , 5, 31-36	1
579	Particulate air pollution and ischemic stroke hospitalization: How the associations vary by constituents in Shanghai, China. <b>2019</b> , 695, 133780	23
578	Impact on Population Health of Baltic Shipping Emissions. <b>2019</b> , 16,	21
577	Airborne, Vehicle-Derived Fe-Bearing Nanoparticles in the Urban Environment: A Review. <b>2019</b> , 53, 9970-9991	72
576	Exposure to ambient air pollution and the incidence of congestive heart failure and acute myocardial infarction: A population-based study of 5.1 million Canadian adults living in Ontario. <b>2019</b> , 132, 105004	55
575	Air pollution as cause of mental disease: Appraisal of the evidence. <b>2019</b> , 17, e3000370	5
574	Fine and ultrafine particle exposure during commuting by subway in Vienna. <b>2019</b> , 131, 374-380	4
573	Fine particulate matter from pig house induced immune response by activating TLR4/MAPK/NF- $\kappa$ B pathway and NLRP3 inflammasome in alveolar macrophages. <b>2019</b> , 236, 124373	29
572	[The Role of Air Pollutants for Health - A Reply to the Expert Opinion of the International Society for Environmental Epidemiology (ISEE) and the European Respiratory Society (ERS)]. <b>2019</b> , 73, 274-287	2

571	Application of land-use regression models to estimate sound pressure levels and frequency components of road traffic noise in Taichung, Taiwan. <b>2019</b> , 131, 104959	11
570	[Breathing: Ambient Air Pollution and Health - Part I]. <b>2019</b> , 73, 288-305	6
569	Mortality Risk and Fine Particulate Air Pollution in a Large, Representative Cohort of U.S. Adults. <b>2019</b> , 127, 77007	86
568	Particulate matter air pollution and national and county life expectancy loss in the USA: A spatiotemporal analysis. <b>2019</b> , 16, e1002856	62
567	Study on influence of viaduct and noise barriers on the particulate matter dispersion in street canyons by CFD modeling. <b>2019</b> , 10, 1723-1735	24
566	Source Apportionment of Fine-Particle, Water-Soluble Organic Nitrogen and Its Association with the Inflammatory Potential of Lung Epithelial Cells. <b>2019</b> , 53, 9845-9854	25
565	Evaluation of the location of cities in terms of land cover on the example of Poland. <b>2019</b> , 22, 619-630	6
564	Respiratory and Cardiovascular Effects of NO <sub>2</sub> . <b>2019</b> ,	3
563	Effects of air pollution on acute exacerbation of chronic obstructive pulmonary disease: a descriptive retrospective study (pol-AECOPD). <b>2019</b> , 14, 1549-1557	10
562	Evaluating Urban Bicycle Infrastructures through Intersubjectivity of Stress Sensations Derived from Physiological Measurements. <b>2019</b> , 8, 265	10
561	Bibliometric analysis of cardiometabolic disorders studies involving NO, PM and noise exposure. <b>2019</b> , 19, 877	3
560	Low concentrations of fine particle air pollution and mortality in the Canadian Community Health Survey cohort. <b>2019</b> , 18, 84	34
559	Luftverschmutzung und Herz-Kreislauf-System. <b>2019</b> , 13, 352-359	1
558	Long-Term Exposure to Particulate Air Pollution, Black Carbon, and Their Source Components in Relation to Ischemic Heart Disease and Stroke. <b>2019</b> , 127, 107012	54
557	Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing. <b>2019</b> ,	
556	Electronic Waste Pollution. <b>2019</b> ,	2
555	Novel evidence for a greater burden of ambient air pollution on cardiovascular disease. <b>2019</b> , 104, 2349-2357	45
554	Long-term residential exposure to PM constituents and mortality in a Danish cohort. <b>2019</b> , 133, 105268	30



553	Impact of weather changes on air quality and related mortality in Spain over a 25 year period [1993-2017]. <b>2019</b> , 133, 105272	24
552	[Outdoor pollution and its effects on lung health in France. Expert document from the Groupe Pathologies pulmonaires professionnelles environnementales et iatrogéniques (PAPPEI) of the Société de pneumologie de langue française (SPLF)]. <b>2019</b> , 36, 1150-1183	0
551	Effects of pollution, low temperature and influenza syndrome on the excess mortality risk in winter 2016-2017. <b>2019</b> , 19, 1445	17
550	Examining the Shape of the Association between Low Levels of Fine Particulate Matter and Mortality across Three Cycles of the Canadian Census Health and Environment Cohort. <b>2019</b> , 127, 107008	42
549	Remote Sensing in Environmental Justice Research: A Review. <b>2019</b> , 8, 20	20
548	Internet of Things Solution for Intelligent Air Pollution Prediction and Visualization. <b>2019</b> ,	6
547	Traffic-originated nanocluster emission exceeds H <sub>2</sub> SO <sub>4</sub> -driven photochemical new particle formation in an urban area. <b>2019</b> ,	
546	Teaching Electronics and Programming in Norwegian Schools Using the air. <b>2019</b> ,	1
545	Ambient Air Pollution and the Risk of Atrial Fibrillation and Stroke: A Population-Based Cohort Study. <b>2019</b> , 127, 87009	37
544	Water-Soluble Fullerenol C(OH) toward Effective Anti-Air Pollution Induced by Urban Particulate Matter in HaCaT Cell. <b>2019</b> , 20,	9
543	Characteristics of cohort studies of long-term exposure to PM: a systematic review. <b>2019</b> , 26, 30755-30771	15
542	Isolating the climate change impacts on air-pollution-related-pathologies over central and southern Europe: a modelling approach on cases and costs. <b>2019</b> , 19, 9385-9398	11
541	Modeling the impact of low-dose particulate matter on lung health. <b>2019</b> , 317, L550-L553	1
540	Traffic-Related Air Pollution as a Risk Factor for Dementia: No Clear Modifying Effects of APOEε4 in the Betula Cohort. <b>2019</b> , 71, 733-740	16
539	A numerical simulation study of particulate collection by vegetative barriers. <b>2019</b> , 186, 182-194	
538	Association of residential air pollution, noise, and greenspace with initial ischemic stroke severity. <b>2019</b> , 179, 108725	22
537	Air pollution and cardiovascular disease: car sick. <b>2020</b> , 116, 279-294	47
536	Ambient Air Pollution and Daily Hospital Admissions for Respiratory Disease in Children in Guiyang, China. <b>2019</b> , 7, 400	8

535	Transforming Our Cities: Best Practices Towards Clean Air and Active Transportation. <b>2019</b> , 6, 22-37	29
534	Exposure to traffic-related particulate matter and deposition dose to auto rickshaw driver in Dhanbad, India. <b>2019</b> , 10, 1128-1139	17
533	Size-resolved particle oxidative potential in the office, laboratory, and home: Evidence for the importance of water-soluble transition metals. <b>2019</b> , 246, 704-709	18
532	Airborne particle emission rates and doses received in operating rooms from surgical smoke. <b>2019</b> , 151, 168-174	12
531	An in vitro model to evaluate the impact of environmental fine particles (PM) on skin damage. <b>2019</b> , 305, 94-102	17
530	Low Childhood Nature Exposure is Associated with Worse Mental Health in Adulthood. <b>2019</b> , 16,	23
529	Value Assessment of Health Losses Caused by PM in Changsha City, China. <b>2019</b> , 16,	14
528	A comparison of linear regression, regularization, and machine learning algorithms to develop Europe-wide spatial models of fine particles and nitrogen dioxide. <b>2019</b> , 130, 104934	90
527	Inversely modeling homogeneous $\text{H}_2\text{SO}_4$ and $\text{NH}_3$ nucleation rate in exhaust-related conditions. <b>2019</b> , 19, 6367-6388	5
526	Long-Term PM Exposure and Cause-Specific Mortality in the Latium Region (Italy): A Difference-in-Differences Approach. <b>2019</b> , 127, 67004	14
525	Concentrations and health effects of short- and long-term exposure to PM, NO, and O in ambient air of Ahvaz city, Iran (2014-2017). <b>2019</b> , 180, 542-548	45
524	Global Effect Factors for Exposure to Fine Particulate Matter. <b>2019</b> , 53, 6855-6868	26
523	[Breathing: Ambient Air Pollution and Health - Part II]. <b>2019</b> , 73, 347-373	3
522	A link between environmental pollution and civilization disorders: a mini review. <b>2019</b> , 34, 227-233	16
521	Reduction of particulate matter concentrations by local removal in a building courtyard: Case study for the Delhi American Embassy School. <b>2019</b> , 686, 657-680	13
520	Predominance of Secondary Organic Aerosol to Particle-bound Reactive Oxygen Species Activity in Fine Ambient Aerosol. <b>2019</b> ,	1
519	Parkinson's disease and long-term exposure to outdoor air pollution: A matched case-control study in the Netherlands. <b>2019</b> , 129, 28-34	22
518	Influence of spatial resolution on population PM <sub>2.5</sub> exposure and health impacts. <b>2019</b> , 12, 705-718	28

517	Complex relationships between greenness, air pollution, and mortality in a population-based Canadian cohort. <b>2019</b> , 128, 292-300	43
516	Air Pollution and Adenocarcinoma in Never-Smokers. <b>2019</b> , 14, 761-763	3
515	Effects of particulate matter (PM10) on tourism sales revenue: A generalized additive modeling approach. <b>2019</b> , 74, 358-369	17
514	Estimated Long-Term (1981-2016) Concentrations of Ambient Fine Particulate Matter across North America from Chemical Transport Modeling, Satellite Remote Sensing, and Ground-Based Measurements. <b>2019</b> , 53, 5071-5079	26
513	Particulate air pollution on cardiovascular mortality in the tropics: impact on the elderly. <b>2019</b> , 18, 34	17
512	Identification and quantification of particulate tracers of exhaust and non-exhaust vehicle emissions. <b>2019</b> , 19, 5187-5207	56
511	Globally analysing spatiotemporal trends of anthropogenic PM concentration and population's PM exposure from 1998 to 2016. <b>2019</b> , 128, 46-62	34
510	Air pollution concentration near sensitive urban locations: A missing factor to consider in the grade separation projects. <b>2019</b> , 228, 824-832	8
509	All-cause mortality and long-term exposure to low level air pollution in the '45 and up study' cohort, Sydney, Australia, 2006-2015. <b>2019</b> , 126, 762-770	41
508	Human health damages related to air pollution in China. <b>2019</b> , 26, 13115-13125	57
507	The Impact of Haze on the Availability of Company Debt Financing: Evidence for Sustainability of Chinese Listed Companies. <b>2019</b> , 11, 806	10
506	Characteristics of patients with endometrial hyperplasia under different air quality index conditions. <b>2019</b> , 58, 282-287	1
505	Using Mobile Monitoring to Develop Hourly Empirical Models of Particulate Air Pollution in a Rural Appalachian Community. <b>2019</b> , 53, 4305-4315	13
504	Considerations for evaluating green infrastructure impacts in microscale and macroscale air pollution dispersion models. <b>2019</b> , 672, 410-426	35
503	Hourly associations between exposure to ambient particulate matter and emergency department visits in an urban population of Shenzhen, China. <b>2019</b> , 209, 78-85	25
502	CAUSAL INFERENCE IN THE CONTEXT OF AN ERROR PRONE EXPOSURE: AIR POLLUTION AND MORTALITY. <b>2019</b> , 13, 520-547	17
501	Traffic exposures, air pollution and outcomes in pulmonary arterial hypertension: a UK cohort study analysis. <b>2019</b> , 53,	17
500	Mortality and Air Pollution Effects of Air Quality Interventions in Delhi and Beijing. <b>2019</b> , 7,	8

499	On the Effects of Lateral Openings on Courtyard Ventilation and Pollution: A Large-Eddy Simulation Study. <b>2019</b> , 10, 63	11
498	Impacts of income growth on air pollution-related health risk: Exploiting objective and subjective measures. <b>2019</b> , 146, 98-105	15
497	Benefits of improved air quality on ageing lungs: impacts of genetics and obesity. <b>2019</b> , 53,	8
496	Area Deprivation and its Impact on Population Health: Conceptual Aspects, Measurement and Evidence From Germany. <b>2019</b> , 70, 69-98	
495	Predominance of secondary organic aerosol to particle-bound reactive oxygen species activity in fine ambient aerosol. <b>2019</b> , 19, 14703-14720	15
494	References. <b>2019</b> , 269-337	
493	Air pollution monitoring network of PM <sub>2.5</sub> , NO <sub>2</sub> and radiation of <sup>137</sup> Cs. <b>2019</b> , 323-338	
492	Characterization and bioaccessibility assessment of elements in urban aerosols by extraction with simulated lung fluids. <b>2019</b> , 1, 49-60	5
491	Does Air Pollution Increase Risk of Mortality After Cardiac Transplantation?. <b>2019</b> , 74, 3036-3038	2
490	Air pollution and mortality in a large, representative U.S. cohort: multiple-pollutant analyses, and spatial and temporal decompositions. <b>2019</b> , 18, 101	17
489	Long-term Exposure to Low Air Pollutant Concentrations and the Relationship with All-Cause Mortality and Stroke in Older Men. <b>2019</b> , 30 Suppl 1, S82-S89	15
488	Change in PM exposure and mortality among Medicare recipients: Combining a semi-randomized approach and inverse probability weights in a low exposure population. <b>2019</b> , 3, e054	4
487	The Private and External Costs of Germany's Nuclear Phase-Out. <b>2019</b> ,	5
486	Design of sensor system for air pollution and human vital monitoring for connected cyclists. <b>2019</b> , 13, 3181-3186	10
485	Long-term exposure to fine particulate matter and natural-cause and cause-specific mortality in Japan. <b>2019</b> , 3, e051	8
484	Investigation of aerosols pollution across the eastern basin of Urmia lake using satellite remote sensing data and HYSPLIT model. <b>2019</b> , 17, 1107-1120	6
483	Cumulative exposure to air pollution and subsequent mortality among older adults in China. <b>2019</b> , 41, 518-526	4
482	Short-term and long-term exposures to fine particulate matter constituents and health: A systematic review and meta-analysis. <b>2019</b> , 247, 874-882	128

481	Sensitivity of projected PM- and O-related health impacts to model inputs: A case study in mainland China. <b>2019</b> , 123, 256-264	18
480	Exploration of NO and PM air pollution and mental health problems using high-resolution data in London-based children from a UK longitudinal cohort study. <b>2019</b> , 272, 8-17	85
479	Incidence and mortality for respiratory cancer and traffic-related air pollution in Sã Paulo, Brazil. <b>2019</b> , 170, 243-251	32
478	Prolonged PM2.5 exposure elevates risk of oxidative stress-driven nonalcoholic fatty liver disease by triggering increase of dyslipidemia. <b>2019</b> , 130, 542-556	64
477	Nonatopic eczema in elderly women: Effect of air pollution and genes. <b>2019</b> , 143, 378-385.e9	23
476	Environmental and behavioral determinants affecting the association of airway macrophages carbon load with distance to major roads and traffic density. <b>2019</b> , 217, 680-685	8
475	SIG-1273 protects skin against urban air pollution and when formulated in AgeIQNight Cream anti-aging benefits clinically demonstrated. <b>2018</b> , 18, 1366	5
474	Estimation of daily PM and PM concentrations in Italy, 2013-2015, using a spatiotemporal land-use random-forest model. <b>2019</b> , 124, 170-179	147
473	Ambient fine particulate matter (PM) induces oxidative stress and pro-inflammatory response via up-regulating the expression of CYP1A1/1B1 in human bronchial epithelial cells in vitro. <b>2019</b> , 839, 40-48	22
472	An improved algorithm for retrieving the fine-mode fraction of aerosol optical thickness. Part 2: Application and validation in Asia. <b>2019</b> , 222, 90-103	15
471	Ambient air pollution and incident bladder cancer risk: Updated analysis of the Spanish Bladder Cancer Study. <b>2019</b> , 145, 894-900	14
470	Long-term residential exposure to PM, PM, black carbon, NO, and ozone and mortality in a Danish cohort. <b>2019</b> , 123, 265-272	100
469	Short-term effects of ambient air pollution and cardiovascular events in Shiraz, Iran, 2009 to 2015. <b>2019</b> , 26, 6359-6367	23
468	Long-term NO exposures and cause-specific mortality in American older adults. <b>2019</b> , 124, 10-15	34
467	Airway microbiome is associated with respiratory functions and responses to ambient particulate matter exposure. <b>2019</b> , 167, 269-277	21
466	Detecting urban land-use configuration effects on NO2 and NO variations using geographically weighted land use regression. <b>2019</b> , 197, 166-176	16
465	Air pollution and hospital admissions for cardiovascular diseases in Ahvaz, Iran. <b>2019</b> , 652, 1318-1330	62
464	Mortality and hospitalizations due to cardiovascular and respiratory diseases associated with air pollution in Iran: A systematic review and meta-analysis. <b>2019</b> , 198, 438-447	44

463	Research challenges for cultural ecosystem services and public health in (peri-)urban environments. <b>2019</b> , 651, 2118-2129	44
462	Unraveling the Exposome. <b>2019</b> ,	6
461	The association between high ambient air pollution exposure and respiratory health of young children: A cross sectional study in Jinan, China. <b>2019</b> , 656, 740-749	59
460	BioAir, an integrative system for monitoring individual-level air pollutant exposure with high time and spatial resolution. <b>2019</b> , 169, 756-763	3
459	Long-term concentrations of fine particulate matter and impact on human health in Verona, Italy. <b>2019</b> , 10, 731-738	26
458	Spatial PM mobile source impacts using a calibrated indicator method. <b>2019</b> , 69, 402-414	1
457	Five-year exposure to PM and ozone and subclinical atherosclerosis in late midlife women: The Study of Women's Health Across the Nation. <b>2019</b> , 222, 168-176	11
456	Environmental policy and human capital inequality: A matter of life and death. <b>2019</b> , 97, 134-157	7
455	Spatial hazard assessment of the PM10 using machine learning models in Barcelona, Spain. <b>2020</b> , 701, 134474	58
454	Benefits of physical activity not affected by air pollution: a prospective cohort study. <b>2020</b> , 49, 142-152	30
453	Analysis of air quality and health co-benefits regarding electric vehicle promotion coupled with power plant emissions. <b>2020</b> , 247, 119152	22
452	Cohort profile: Sub-clinical outcomes of polluted air in China (SCOPA-China cohort). <b>2020</b> , 134, 105221	3
451	Oxidative potential of ambient PM in Wuhan and its comparisons with eight areas of China. <b>2020</b> , 701, 134844	22
450	The Relationship Between Air Pollution and All-Cause Mortality in Singapore. <b>2020</b> , 11, 9	11
449	The association between long-term fine particulate air pollution and life expectancy in China, 2013 to 2017. <b>2020</b> , 712, 136507	21
448	Oxidative stress and the cardiovascular effects of air pollution. <b>2020</b> , 151, 69-87	57
447	Burden of ischemic heart disease and stroke attributable to exposure to atmospheric PM2.5 in Hubei province, China. <b>2020</b> , 221, 117079	13
446	Simulating the spatiotemporal distribution of BTEX with an hourly grid-scale model. <b>2020</b> , 246, 125722	5

445	Prediction and mitigation potential of anthropogenic ammonia emissions within the Beijing-Tianjin-Hebei region, China. <b>2020</b> , 259, 113863	7
444	Assessment of German population exposure levels to PM10 based on multiple spatial-temporal data. <b>2020</b> , 27, 6637-6648	1
443	Fine particulate air pollution and human mortality: 25+ years of cohort studies. <b>2020</b> , 183, 108924	113
442	The effects of particulate matters inhalation exposures of prallethrin and -phenothrin mixture in mice () against exhaled carbon dioxide concentration. <b>2020</b> , 36, 59-67	2
441	Preventive effect of ursolic acid derivative on particulate matter 2.5-induced chronic obstructive pulmonary disease involves suppression of lung inflammation. <b>2020</b> , 72, 632-640	13
440	Particulate air pollution from different sources and mortality in 7.5 million adults - The Dutch Environmental Longitudinal Study (DUELS). <b>2020</b> , 705, 135778	16
439	Long-term fine particulate matter exposure and cardiovascular mortality in the general population: a nationwide cohort study. <b>2020</b> , 75, 549-558	14
438	Nonrenewable energy-environmental and health effects on human capital: empirical evidence from Pakistan. <b>2020</b> , 27, 2630-2646	12
437	Surrounding green, air pollution, traffic noise exposure and non-accidental and cause-specific mortality. <b>2020</b> , 134, 105341	35
436	Spatio-temporal variation in the concentration of atmospheric particulate matter: A study in fourth largest urban agglomeration in India. <b>2020</b> , 17, 100546	8
435	Associations between long-term exposure to ambient air pollution and Parkinson's disease prevalence: A cross-sectional study. <b>2020</b> , 133, 104615	13
434	Short-term effect of PM on hospital admission for ischemic stroke: A multi-city case-crossover study in China. <b>2020</b> , 260, 113776	12
433	Occupational exposure to unintentionally emitted nanoscale particles and risk of cancer: From lung to central nervous system - Results from three French case-control studies. <b>2020</b> , 191, 110024	3
432	Integrated Impact Assessment of Active Travel: Expanding the Scope of the Health Economic Assessment Tool (HEAT) for Walking and Cycling. <b>2020</b> , 17,	9
431	Particulate Air Pollution and Progression to Kidney Failure With Replacement Therapy: An Advanced CKD Registry-Based Cohort Study in Taiwan. <b>2020</b> , 76, 645-657.e1	6
430	Population exposure to particulate-matter and related mortality due to the Portuguese wildfires in October 2017 driven by storm Ophelia. <b>2020</b> , 144, 106056	8
429	Long-term exposure to NO and O and all-cause and respiratory mortality: A systematic review and meta-analysis. <b>2020</b> , 144, 105998	61
428	A spatio-temporal land use regression model to assess street-level exposure to black carbon. <b>2020</b> , 133, 104837	3

427	Independent and Opposing Associations of Habitual Exercise and Chronic PM Exposures on Hypertension Incidence. <b>2020</b> , 142, 645-656	16
426	Temporal cross-correlations between air pollutants and outpatient visits for respiratory and circulatory system diseases in Fuzhou, China. <b>2020</b> , 20, 1131	7
425	Health effects of air pollution: a Southern European perspective. <b>2020</b> , 133, 1568-1574	7
424	Long-term exposure to nitrogen dioxide and natural-cause and cause-specific mortality in Japan. <b>2020</b> , 741, 140465	3
423	Fine particulate matter exposure during childhood relates to hemispheric-specific differences in brain structure. <b>2020</b> , 143, 105933	23
422	Effects of Ultrafine Particles in Ambient Air on Primary Health Care Consultations for Diabetes in Children and Elderly Population in Ljubljana, Slovenia: A 5-Year Time-Trend Study. <b>2020</b> , 17,	0
421	The impact of ship emissions on air quality and human health in the Gothenburg area [Part 1: 2012 emissions. <b>2020</b> , 20, 7509-7530	15
420	The state of the literature on traffic-related emissions, air pollution, human exposures, and health. <b>2020</b> , 541-562	
419	Associations of long-term exposure to ambient fine particulate matter and nitrogen dioxide with lung function: A cross-sectional study in China. <b>2020</b> , 144, 105977	13
418	The impact of Sahara dust on air quality and public health in European countries. <b>2020</b> , 241, 117771	14
417	Effectiveness of air pollution standards in reducing mortality in India. <b>2020</b> , 62, 101188	2
416	Spread of SARS-CoV-2 through Latin America and the Caribbean region: A look from its economic conditions, climate and air pollution indicators. <b>2020</b> , 191, 109938	59
415	Low-cost sensors for measuring airborne particulate matter: Field evaluation and calibration at a South-Eastern European site. <b>2020</b> , 748, 141396	16
414	Evidence-Based Considerations Exploring Relations between SARS-CoV-2 Pandemic and Air Pollution: Involvement of PM2.5-Mediated Up-Regulation of the Viral Receptor ACE-2. <b>2020</b> , 17,	46
413	Long-term exposure to low levels of air pollution and mortality adjusting for road traffic noise: A Danish Nurse Cohort study. <b>2020</b> , 143, 105983	8
412	Assessment of the burden on population due to transport-related air pollution: The Czech core motorway network. <b>2020</b> , 275, 123111	6
411	Long-term exposure to PM and all-cause and cause-specific mortality: A systematic review and meta-analysis. <b>2020</b> , 143, 105974	105
410	Using epidemiology to estimate the impact and burden of exposure to air pollutants. <b>2020</b> , 378, 20190321	3



409	Participatory quantitative health impact assessment of urban transport planning: A case study from Eastern Africa. <b>2020</b> , 144, 106027	14
408	Health Impact of Air Pollution from Shipping in the Baltic Sea: Effects of Different Spatial Resolutions in Sweden. <b>2020</b> , 17,	2
407	ICT Innovations 2020. Machine Learning and Applications. <b>2020</b> ,	1
406	Using Costs and Health Benefits to Estimate the Priority of Air Pollution Control Action Plan: A Case Study in Taiwan. <b>2020</b> , 10, 5970	3
405	Emission factor, relative ozone formation potential and relative carcinogenic risk assessment of VOCs emitted from manufacturing industries. <b>2020</b> , 30,	3
404	Traffic-related air pollution: Emissions, human exposures, and health—the way forward. <b>2020</b> , 597-620	1
403	Long-term exposure to air pollution and mortality in the Danish population a nationwide study. <b>2020</b> , 28, 100605	16
402	An overview of mercury emissions in the energy industry - A step to mercury footprint assessment. <b>2020</b> , 267, 122087	16
401	Air pollution and gestational diabetes mellitus: evidence from cohort studies. <b>2020</b> , 8,	13
400	Association of particulate matter air pollution with leukocyte mitochondrial DNA copy number. <b>2020</b> , 141, 105761	13
399	Preexisting coronary heart disease and susceptibility to long-term effects of traffic-related air pollution: A matched cohort analysis. <b>2020</b> , 2047487320921987	4
398	Toxicological appraisal of the chemical fractions of ambient fine (PM) and quasi-ultrafine (PM) particles in human bronchial epithelial BEAS-2B cells. <b>2020</b> , 263, 114620	9
397	Pathogenic Role of Air Pollution Particulate Matter in Cardiometabolic Disease: Evidence from Mice and Humans. <b>2020</b> , 33, 263-279	22
396	Implementation of various hypothetical low emission zone scenarios in Greater Paris: Assessment of fine-scale reduction in exposure and expected health benefits. <b>2020</b> , 185, 109405	11
395	Identification of Redundant Air Quality Monitoring Stations using Robust Principal Component Analysis. <b>2020</b> , 25, 521-530	2
394	Quantification of synergistic, additive and antagonistic effects of aerosol components on total oxidative potential. <b>2020</b> , 252, 126573	3
393	Extracellular vesicles as actors in the air pollution related cardiopulmonary diseases. <b>2020</b> , 50, 402-423	6
392	Weakly Coupled Piezoelectric MEMS Resonators for Aerosol Sensing. <b>2020</b> , 20,	6

391	Urban policy interventions to reduce traffic emissions and traffic-related air pollution: Protocol for a systematic evidence map. <b>2020</b> , 142, 105826	16
390	Deaths Attributable to Air Pollution in Nordic Countries: Disparities in the Estimates. <b>2020</b> , 11, 467	13
389	The association between long-term exposure to low-level PM <sub>2.5</sub> and mortality in the state of Queensland, Australia: A modelling study with the difference-in-differences approach. <b>2020</b> , 17, e1003141	35
388	Smoking, air pollution, and lung cancer risk in the Nurses' Health Study cohort: time-dependent confounding and effect modification. <b>2020</b> , 50, 189-200	6
387	Later-Life Exposure to Moderate PM Air Pollution and Life Loss of Older Adults in Taiwan. <b>2020</b> , 17,	2
386	Estimating long-term pollution exposure effects through inverse probability weighting methods with Cox proportional hazards models. <b>2020</b> , 4, e085	1
385	The impact of neighborhood to industrial areas on health in Uzbekistan: an ecological analysis of congenital diseases, infant mortality, and lung cancer. <b>2020</b> , 27, 17243-17249	2
384	Associations of long-term exposure to ambient PM with mortality in Chinese adults: A pooled analysis of cohorts in the China-PAR project. <b>2020</b> , 138, 105589	25
383	Estimated health impacts from maritime transport in the Mediterranean region and benefits from the use of cleaner fuels. <b>2020</b> , 138, 105670	30
382	Municipal Solid Waste Treatment System Increases Ambient Airborne Bacteria and Antibiotic Resistance Genes. <b>2020</b> , 54, 3900-3908	26
381	Monitoring of Air Pollution by Moss Bags around an Oil Refinery: A Critical Evaluation over 16 Years. <b>2020</b> , 11, 272	8
380	Characteristics and sources of water-soluble ionic associated with PM <sub>2.5</sub> particles and cytotoxicity effects using MTT assay in Tehran, Iran. <b>2020</b> , 32, 100612	3
379	Acute and chronic health impacts of PM <sub>2.5</sub> in China and the influence of interannual meteorological variability. <b>2020</b> , 229, 117397	9
378	Impact of urban environmental exposures on cognitive performance and brain structure of healthy individuals at risk for Alzheimer's dementia. <b>2020</b> , 138, 105546	28
377	Association of Ambient Air Pollution with Nasopharyngeal Carcinoma Incidence in Ten Large Chinese Cities, 2006-2013. <b>2020</b> , 17,	5
376	Imaging and Tracking Stem Cells. <b>2020</b> ,	
375	Climatology of Fine and Coarse Mode Aerosol Optical Thickness Over East and South Asia Derived From POLDER/PARASOL Satellite. <b>2020</b> , 125, e2020JD032665	6
374	Conditions for a Meaningful Health Impact Assessment for Local Stakeholders: The Example of the Arve Valley in France. <b>2020</b> , 11, 566	1

373	Health-related and non-health-related effects of PM <sub>2.5</sub> on life satisfaction: Evidence from India, China and Japan. <b>2020</b> , 67, 114-123	8
372	Evaluating the impact of long-term exposure to fine particulate matter on mortality among the elderly. <b>2020</b> , 6, eaba5692	56
371	Long-term, continuous air quality monitoring in a cross-sectional study of three UK non-domestic buildings. <b>2020</b> , 180, 107071	12
370	Mitochondrial alterations triggered by repeated exposure to fine (PM) and quasi-ultrafine (PM) fractions of ambient particulate matter. <b>2020</b> , 142, 105830	18
369	Attributable Risk to Assess the Health Impact of Air Pollution: Advances, Controversies, State of the Art and Future Needs. <b>2020</b> , 17,	4
368	Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing. <b>2020</b> , 20, 7531-7552	18
367	The relationship between black carbon and polycyclic aromatic hydrocarbon exposures and mortality in Allegheny County, Pennsylvania. <b>2020</b> , 13, 893-908	1
366	Toward understanding the evolution of incense particles on nanofiber filter media: Its influence on PM <sub>2.5</sub> removal efficiency and pressure drop. <b>2020</b> , 172, 106725	21
365	Burden of Disease Assessment of Ambient Air Pollution and Premature Mortality in Urban Areas: The Role of Socioeconomic Status and Transportation. <b>2020</b> , 17,	15
364	Exposure to Air Pollution during Pregnancy and Childhood, and White Matter Microstructure in Preadolescents. <b>2020</b> , 128, 27005	12
363	Concentrations of criteria pollutants in the contiguous U.S., 1979 - 2015: Role of prediction model parsimony in integrated empirical geographic regression. <b>2020</b> , 15, e0228535	34
362	Relationship of chronic kidney disease with major air pollutants - A systematic review and meta-analysis of observational studies. <b>2020</b> , 76, 103355	9
361	Exposure to air pollution during childhood and risk of developing schizophrenia: a national cohort study. <b>2020</b> , 4, e64-e73	23
360	Denosumab for dialysis patients with osteoporosis: A cohort study. <b>2020</b> , 10, 2496	7
359	A Simple Method for Measuring Fine-to-Ultrafine Aerosols Using Bipolar Charge Equilibrium. <b>2020</b> , 5, 447-453	9
358	Traffic-originated nanocluster emission exceeds H <sub>2</sub> SO <sub>4</sub> -driven photochemical new particle formation in an urban area. <b>2020</b> , 20, 1-13	22
357	Comparing the lung cancer burden of ambient particulate matter using scenarios of air quality standards versus acceptable risk levels. <b>2020</b> , 65, 139-148	4
356	Strategy for the Development of Nuclear Energy in Russia and Environmental Matters. <b>2020</b> , 127, 333-338	1

355	The relationship between increased air pollution expressed as PM concentration and the frequency of percutaneous coronary interventions in patients with acute coronary syndromes-a seasonal differences. <b>2020</b> , 27, 21320-21330	5
354	Candidate gene expression in response to low-level air pollution. <b>2020</b> , 140, 105610	4
353	Application of cell-based biological bioassays for health risk assessment of PM2.5 exposure in three megacities, China. <b>2020</b> , 139, 105703	14
352	International Mind, Activities and Urban Places (iMAP) study: methods of a cohort study on environmental and lifestyle influences on brain and cognitive health. <b>2020</b> , 10, e036607	4
351	Factors determining the diffusion of COVID-19 and suggested strategy to prevent future accelerated viral infectivity similar to COVID. <b>2020</b> , 729, 138474	311
350	Traffic, air pollution, and health. <b>2020</b> , 59-104	6
349	Local NO2 concentrations and asthma among over-50s in Ireland: A microdata analysis. <b>2021</b> , 49, 1899-1908	2
348	Influence of the environmental relative humidity on the inflammatory response of skin model after exposure to various environmental pollutants. <b>2021</b> , 196, 110350	4
347	Air Pollution as a Risk Factor for Incident Chronic Obstructive Pulmonary Disease and Asthma. A 15-Year Population-based Cohort Study. <b>2021</b> , 203, 1138-1148	20
346	Atmospheric particle-bound polycyclic aromatic hydrocarbons, n-alkanes, hopanes, steranes and trace metals: PM source identification, individual and cumulative multi-pathway lifetime cancer risk assessment in the urban environment. <b>2021</b> , 752, 141834	19
345	Source apportionment of magnetite particles in roadside airborne particulate matter. <b>2021</b> , 752, 141828	21
344	Effects of atmospheric aging processes on in vitro induced oxidative stress and chemical composition of biomass burning aerosols. <b>2021</b> , 401, 123750	13
343	Long-term exposure to moderate fine particulate matter concentrations and cause-specific mortality in an ageing society. <b>2021</b> , 49, 1792-1801	1
342	Premature mortality attributable to PM pollution in China during 2008-2016: Underlying causes and responses to emission reductions. <b>2021</b> , 263, 127925	11
341	Spatial inequalities of COVID-19 mortality rate in relation to socioeconomic and environmental factors across England. <b>2021</b> , 758, 143595	23
340	Long-term exposure to low-level air pollution and incidence of chronic obstructive pulmonary disease: The ELAPSE project. <b>2021</b> , 146, 106267	19
339	Impact of exposure to mine fire emitted PM on ambulance attendances: A time series analysis from the Hazelwood Health Study. <b>2021</b> , 196, 110402	1
338	Air pollution exposure during pregnancy and childhood and brain morphology in preadolescents. <b>2021</b> , 198, 110446	7

337	Spatio-temporal concentration of atmospheric particulate matter (PM2.5) during pandemic: A study on most polluted cities of indo-gangetic plain. <b>2021</b> , 35, 100758	7
336	Air pollution, physical activity and health: A mapping review of the evidence. <b>2021</b> , 147, 105954	54
335	Microorganism structure variation in urban soil microenvironment upon ZnO nanoparticles contamination. <b>2021</b> , 273, 128565	2
334	Prenatal air pollution exposure and neurodevelopment: A review and blueprint for a harmonized approach within ECHO. <b>2021</b> , 196, 110320	17
333	Reconstructing 1-km-resolution high-quality PM2.5 data records from 2000 to 2018 in China: spatiotemporal variations and policy implications. <b>2021</b> , 252, 112136	111
332	A review of the main strategies used in the interpretation of similar chemical profiles yielded by receptor models in the source apportionment of particulate matter. <b>2021</b> , 269, 128746	6
331	PM2.5 Estimation and Spatial-Temporal Pattern Analysis Based on the Modified Support Vector Regression Model and the 1 km Resolution MAIAC AOD in Hubei, China. <b>2021</b> , 10, 31	2
330	Relationships Between Outdoor Ambient Air Pollution and Cardiovascular Disorders. <b>2021</b> , 261-305	1
329	Centralizing environmental datasets to support (inter)national chronic disease research: Values, challenges, and recommendations. <b>2021</b> , 5, e129	0
328	Environmental risk factors and cardiovascular diseases: a comprehensive review. <b>2021</b> ,	9
327	Fine Particulate Matter Air Pollution and Mortality Risk Among US Cancer Patients and Survivors. <b>2021</b> , 5, pkab001	7
326	Data Quality Evaluation, Outlier Detection and Missing Data Imputation Methods for IoT in Smart Cities. <b>2021</b> , 1-18	1
325	Recent Advances in Studying Air Quality and Health Effects of Shipping Emissions. <b>2021</b> , 12, 92	13
324	Ambient air pollution exposure during the late gestational period is linked with lower placental iodine load in a Belgian birth cohort. <b>2021</b> , 147, 106334	3
323	Effects of PM10 and Weather on Respiratory and Cardiovascular Diseases in the Ciuc Basin (Romanian Carpathians). <b>2021</b> , 12, 289	4
322	Overview of the French Operational Network for In Situ Observation of PM Chemical Composition and Sources in Urban Environments (CARA Program). <b>2021</b> , 12, 207	8
321	Systematic review and meta-analysis of cohort studies of long term outdoor nitrogen dioxide exposure and mortality. <b>2021</b> , 16, e0246451	7
320	Biochemical and molecular effects of naringenin on the cardiovascular oxidative and pro-inflammatory effects of oral exposure to diesel exhaust particles in rats. <b>2021</b> , 14, 935-953	1

3 <sup>19</sup>	A new type of electron microscope rapid collection device for atmospheric particles and its application cases. <b>2021</b> , 84, 1740-1749	
3 <sup>18</sup>	Long-term exposures to ambient PM1 and NO2 pollution in relation to mild cognitive impairment of male veterans in China. <b>2021</b> , 16, 025013	3
3 <sup>17</sup>	Effect of long-term exposure to PM on years of life lost in a populated Middle Eastern city. <b>2021</b> , 43, 3229-3235	3
3 <sup>16</sup>	Chronic Exposure to PM Nitrate, Sulfate, and Ammonium Causes Respiratory System Impairments in Mice. <b>2021</b> , 55, 3081-3090	5
3 <sup>15</sup>	Health Impacts of Urban Bicycling in Mexico. <b>2021</b> , 18,	3
3 <sup>14</sup>	Modeling multi-level survival data in multi-center epidemiological cohort studies: Applications from the ELAPSE project. <b>2021</b> , 147, 106371	4
3 <sup>13</sup>	Disease burden and excess mortality from coal-fired power plant emissions in Europe. <b>2021</b> , 16, 045010	5
3 <sup>12</sup>	Evaluating the multi-task learning approach for land use regression modelling of air pollution. <b>2021</b> , 1834, 012004	1
3 <sup>11</sup>	Habitual exercise is associated with reduced risk of diabetes regardless of air pollution: a longitudinal cohort study. <b>2021</b> , 64, 1298-1308	2
3 <sup>10</sup>	Measurement of real-world roadway emission rates through a fitted dispersion model. <b>2021</b> , 12, 75-88	0
3 <sup>09</sup>	A national difference in differences analysis of the effect of PM on annual death rates. <b>2021</b> , 194, 110649	4
3 <sup>08</sup>	Emergency hospital admissions for cardiovascular diseases attributed to air pollution in Tehran during 2016-2019. <b>2021</b> , 28, 38426-38433	2
3 <sup>07</sup>	Premature mortality due to air pollution in European cities: a health impact assessment. <b>2021</b> , 5, e121-e134	82
3 <sup>06</sup>	Effect of ambient fine particulates (PM) on hospital admissions for respiratory and cardiovascular diseases in Wuhan, China. <b>2021</b> , 22, 128	4
3 <sup>05</sup>	Environmental and individual exposure to secondhand aerosol of electronic cigarettes in confined spaces: Results from the TackSHS Project. <b>2021</b> , 31, 1601-1613	1
3 <sup>04</sup>	Long-term PM exposure and survival among cardiovascular disease patients in Beijing, China. <b>2021</b> , 28, 47367-47374	1
3 <sup>03</sup>	Reduced Ambient PM Was Associated with a Decreased Risk of Chronic Kidney Disease: A Longitudinal Cohort Study. <b>2021</b> , 55, 6876-6883	5
3 <sup>02</sup>	Long-Term Exposure to Fine Particle Elemental Components and Natural and Cause-Specific Mortality-a Pooled Analysis of Eight European Cohorts within the ELAPSE Project. <b>2021</b> , 129, 47009	14

301	The mediating role of lung function on air pollution-induced cardiopulmonary mortality in elderly women: The SALIA cohort study with 22-year mortality follow-up. <b>2021</b> , 233, 113705	0
300	Airborne Particulate Matter Pollution in Akure Metro City, Southwestern Nigeria, West Africa: Attribution and Meteorological Influence. <b>2021</b> , 5, 1	11
299	The influence of PM exposure on non-alcoholic fatty liver disease. <b>2021</b> , 270, 119135	9
298	A Direct Estimate of the Impact of PM <sub>2.5</sub> , NO <sub>2</sub> , and O <sub>3</sub> Exposure on Life Expectancy Using Propensity Scores. <b>2021</b> , 32, 469-476	2
297	Development of land-use regression models to estimate particle mass and number concentrations in Taichung, Taiwan. <b>2021</b> , 252, 118303	2
296	AEROCOM and AEROSAT AAOD and SSA study [Part 1: Evaluation and intercomparison of satellite measurements. <b>2021</b> , 21, 6895-6917	5
295	Modeling and analysis of the effects of barrier height on automobiles emission dispersion. <b>2021</b> , 296, 126450	15
294	Agglomeration and infrastructure effects in land use regression models for air pollution □ Specification, estimation, and interpretations. <b>2021</b> , 253, 118337	3
293	Relationship between neighborhood land use structure and the spatiotemporal pattern of PM <sub>2.5</sub> at the microscale: Evidence from the central area of Guangzhou, China. 239980832110078	2
292	Has Carbon Emissions Trading Reduced PM in China?. <b>2021</b> , 55, 6631-6643	23
291	Ambient Air Pollution and Adverse Waitlist Events Among Lung Transplant Candidates. <b>2021</b> ,	
290	Environmental and biological monitoring of personal exposure to air pollutants of adult people living in a metropolitan area. <b>2021</b> , 767, 144916	6
289	Traffic-related particulate matter aggravates ocular allergic inflammation by mediating dendritic cell maturation. <b>2021</b> , 84, 661-673	3
288	Preliminary Assessment of Air Pollution Quality Levels of Lagos, Nigeria. <b>2021</b> , 5, 275-284	7
287	Prolific shedding of magnetite nanoparticles from banknote surfaces. <b>2021</b> , 768, 144490	
286	The Role of Smog in Firm Valuation. 1-13	2
285	Hourly emission inventories for air toxic emissions for eastern Australian electricity generators derived from energy distribution data. 1	0
284	Does environmental pollution promote China's crime rate? A new perspective through government official corruption. <b>2021</b> , 57, 292-307	13

283	Evaluation of the health risk of air pollution in major Chinese cities using a risk-based, multi-pollutant air quality health index during 2014-2018. <b>2021</b> , 14, 1605-1617	0
282	The impact of organic extracts of seasonal PM on primary human lung epithelial cells and their chemical characterization. <b>2021</b> , 28, 59868-59880	3
281	Air pollution and cardiovascular disease: Can the Australian bushfires and global COVID-19 pandemic of 2020 convince us to change our ways?. <b>2021</b> , 43, e2100046	5
280	Spatio-temporal variations in fine particulate matter and evaluation of associated health risk over Pakistan. <b>2021</b> , 17, 1243-1254	0
279	Fourteen pathways between urban transportation and health: A conceptual model and literature review. <b>2021</b> , 21, 101070	9
278	Estimation of Ultrahigh Resolution PM2.5 Mass Concentrations Based on Mie Scattering Theory by Using Landsat8 OLI Images over Pearl River Delta. <b>2021</b> , 13, 2463	1
277	Fine-Scale Air Pollution Models for Epidemiologic Research: Insights From Approaches Developed in the Multi-ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <b>2021</b> , 8, 113-126	7
276	Quantification of solid fuel combustion and aqueous chemistry contributions to secondary organic aerosol during wintertime haze events in Beijing. <b>2021</b> , 21, 9859-9886	6
275	Pollution, children's health and the evolution of human capital inequality. <b>2021</b> , 112, 9-25	4
274	Indoor air quality improvement in COVID-19 pandemic: Review. <b>2021</b> , 70, 102942	58
273	Association between short-term exposure to air pollution and peptic ulcer bleeding: A case-crossover study in China. <b>2021</b> , 256, 118438	1
272	Long-term exposure to nitrogen dioxide and mortality: A systematic review and meta-analysis. <b>2021</b> , 776, 145968	15
271	Revealing consensus gene pathways associated with respiratory functions and disrupted by PM2.5 nitrate exposure at bulk tissue and single cell resolution. <b>2021</b> , 280, 116951	4
270	The application of land use regression model to investigate spatiotemporal variations of PM in Guangzhou, China: Implications for the public health benefits of PM reduction. <b>2021</b> , 778, 146305	9
269	Combined effects of chronic PM exposure and habitual exercise on renal function and chronic kidney disease: A longitudinal cohort study. <b>2021</b> , 236, 113791	3
268	Long-term exposure to fine particulate constituents and cardiovascular diseases in Chinese adults. <b>2021</b> , 416, 126051	5
267	Contribution of fine particulate matter to present and future premature mortality over Europe: A non-linear response. <b>2021</b> , 153, 106517	15
266	Tissue-Protective Effect of Erdosteine on Multiple-Organ Injuries Induced by Fine Particulate Matter. <b>2021</b> , 27, e930909	0



265	Effects of air pollution and habitual exercise on the risk of death: a longitudinal cohort study. <b>2021</b> , 193, E1240-E1249	1
264	Long-Term Residential Exposure to Particulate Matter and Its Components, Nitrogen Dioxide and Ozone-A Northern Sweden Cohort Study on Mortality. <b>2021</b> , 18,	3
263	Interrelationship of Indoor Particulate Matter and Respiratory Dust Depositions of Women in the Residence of Dhanbad City, India. <b>2021</b> , 1	1
262	External cost of air pollution from energy generation in Morocco. <b>2021</b> , 1, 100002	3
261	Reanalysis of the association between reduction in long-term PM concentrations and improved life expectancy. <b>2021</b> , 20, 102	0
260	Health Impacts of Air Pollution.	
259	Urban air pollution exposure: an assessment exploiting world settlement footprint and land use data. <b>2021</b> ,	
258	Analysis of spatial factors, time-activity and infiltration on outdoor generated PM exposures of school children in five European cities. <b>2021</b> , 785, 147111	4
257	Long-term exposure to air pollution and mortality in a prospective cohort: The Ontario Health Study. <b>2021</b> , 154, 106570	5
256	Impact of long-term exposure to PM and temperature on coronavirus disease mortality: observed trends in France. <b>2021</b> , 20, 101	2
255	Monitoring Air Quality in Nigeria: The Case of Center for Atmospheric Research-National Space Research and Development Agency (CAR-NASRDA). 1	0
254	Long-term exposure to particulate air pollution and black carbon in relation to natural and cause-specific mortality: a multicohort study in Sweden. <b>2021</b> , 11, e046040	1
253	Exploring short term spatio-temporal pattern of PM and PM and their relationship with meteorological parameters during COVID-19 in Delhi. <b>2021</b> , 39, 100944	1
252	Long term exposure to low level air pollution and mortality in eight European cohorts within the ELAPSE project: pooled analysis. <b>2021</b> , 374, n1904	11
251	The prospective effects of long-term exposure to ambient PM and constituents on mortality in rural East China. <b>2021</b> , 280, 130740	2
250	Importance of satellite observations for high-resolution mapping of near-surface NO <sub>2</sub> by machine learning. <b>2021</b> , 264, 112573	6
249	Effects of deployment of electric vehicles on air quality in the urban area of Turin (Italy). <b>2021</b> , 297, 113416	5
248	Aerosol hazards in operating rooms: A review of numerical and experimental studies. <b>2021</b> , 158, 105823	4

247	Size-resolved, quantitative evaluation of the magnetic mineralogy of airborne brake-wear particulate emissions. <b>2021</b> , 288, 117808	8
246	L-arginine supplementation to mitigate cardiovascular effects of walking outside in the context of traffic-related air pollution in participants with elevated blood pressure: A randomized, double-blind, placebo-controlled trial. <b>2021</b> , 156, 106631	1
245	Exposure and perception of PM pollution on the mental stress of pregnant women. <b>2021</b> , 156, 106686	2
244	The economics of low emission zones. <b>2021</b> , 153, 99-114	0
243	A self-controlled approach to survival analysis, with application to air pollution and mortality. <b>2021</b> , 157, 106861	1
242	Health effects of air pollutant mixtures on overall mortality among the elderly population using Bayesian kernel machine regression (BKMR). <b>2022</b> , 286, 131566	3
241	Validity evaluation of indirect adjustment method for multiple unmeasured confounders: A simulation and empirical study. <b>2022</b> , 204, 111992	0
240	Numerical simulation of the 18 February 2017 frontal dust storm over southwest of Iran using WRF-Chem, satellite imagery, and PM10 concentrations. <b>2022</b> , 196, 104637	3
239	Efficient capture of airborne PM by nanotubular conjugated microporous polymers based filters under harsh conditions. <b>2022</b> , 423, 127047	1
238	Extending the EOS Long-Term PM2.5 Data Records Since 2013 in China: Application to the VIIRS Deep Blue Aerosol Products. <b>2021</b> , 1-12	2
237	Efficient capture of PM2.5 by intertwined tubular conjugated microporous polymer-based filters with high stability in a humid environment. <b>2021</b> , 9, 7703-7711	4
236	Combustion in the future: The importance of chemistry. <b>2020</b> ,	31
235	Ambient PM2.5 Exposure and Mortality Due to Lung Cancer and Cardiopulmonary Diseases in Polish Cities. <b>2016</b> , 9	3
234	In Vitro Methods to Simulate Pollution and Photo-Pollution Exposure in Human Skin Epidermis. <b>2020</b> , 2150, 227-241	1
233	Urban Growth. <b>2021</b> , 201-334	1
232	Ambient Particles and Cerebrovascular Disease. <b>2016</b> , 133-160	1
231	Luftqualität. <b>2017</b> , 127-136	3
230	The role of receptor models as tools for air quality management: a case study of an industrialized urban region. <b>2020</b> , 27, 35918-35929	2

229	Health and economic consequences of applying the United States' PM automobile emission standards to other nations: a case study of France and Italy. <b>2020</b> , 183, 81-87	4
228	Spatial and Spatiotemporal Variability of Regional Background Ultrafine Particle Concentrations in the Netherlands. <b>2021</b> , 55, 1067-1075	6
227	Ageing remarkably alters the toxicity of carbon black particles towards susceptible cells: determined by differential changes of surface oxygen groups. <b>2020</b> , 7, 1633-1641	4
226	Two mechanisms for accelerated diffusion of COVID-19 outbreaks in regions with high intensity of population and polluting industrialization: the air pollution-to-human and human-to-human transmission dynamics.	10
225	Regular running in an air-polluted environment: physiological and anthropometric protocol for a prospective cohort study (Healthy Aging in Industrial Environment Study - Program 4). <b>2020</b> , 10, e040529	1
224	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <b>2021</b> , 57, 2003099	10
223	Interaction between Long-Term Exposure to Fine Particulate Matter and Physical Activity, and Risk of Cardiovascular Disease and Overall Mortality in U.S. Women. <b>2020</b> , 128, 127012	11
222	Air Pollution in China: Mapping of Concentrations and Sources. <b>2015</b> , 10, e0135749	441
221	Fine Particulate Air Pollution and Hospital Emergency Room Visits for Respiratory Disease in Urban Areas in Beijing, China, in 2013. <b>2016</b> , 11, e0153099	103
220	Exposure to air pollution and self-reported effects on Chinese students: A case study of 13 megacities. <b>2018</b> , 13, e0194364	29
219	Long-term exposure to air pollution is associated with biological aging. <b>2016</b> , 7, 74510-74525	83
218	Role of microRNA-4516 involved autophagy associated with exposure to fine particulate matter. <b>2016</b> , 7, 45385-45397	28
217	Data Issues and Suggestions in the National Health Insurance Service-National Sample Cohort for Assessing the Long-term Health Effects of Air Pollution Focusing on Mortality. <b>2017</b> , 42, 89-99	4
216	Air quality, stroke, and coronary events: results of the Heinz Nixdorf Recall Study from the Ruhr Region. <b>2015</b> , 112, 195-201	35
215	The Effects of Fine Dust, Ozone, and Nitrogen Dioxide on Health. <b>2019</b> , 51-52, 881-886	19
214	Implicit Definition of Flow Patterns in Street Canyons Recirculation Zone Using Exploratory Quantitative and Qualitative Methods. <b>2019</b> , 10, 794	3
213	Modélisation de la pollution particulaire liée au trafic routier : l'hélihé de la rue et lude des leviers d'atténuation.	1
212	Leachate Pollution and Impact to Environment. 173-199	3

211	Health Effects of Air Pollution in Urban Environment. <b>2019</b> , 96-115	3
210	Assessment of Inhalable Particulate Matter Associated with a Refinery in Curaçao. <b>2018</b> , 09, 1113-1128	1
209	The EuroLifeNet Study: How Different Microenvironments Influence Personal Exposure to PM <sub>2.5</sub> among High-School Students in Milan. <b>2015</b> , 04, 16-25	3
208	An AeroCom/AeroSat study: intercomparison of satellite AOD datasets for aerosol model evaluation. <b>2020</b> , 20, 12431-12457	14
207	A pathway analysis of global aerosol processes.	0
206	How much is particulate matter near the ground influenced by upper level processes within and above the PBL? A summertime case study in Milan (Italy).	1
205	The importance of temporal collocation for the evaluation of aerosol models with observations.	2
204	Air Pollution and Health - A Science-Policy Initiative. <b>2019</b> , 85, 140	6
203	Exploration and Application of Regulatory PM <sub>10</sub> Measurement Data for Developing Long-term Prediction Models in South Korea. <b>2016</b> , 32, 114-126	18
202	An Approach to Estimating National-scale Annual-average Concentrations of PM <sub>2.5</sub> before 2015 when National Air Quality Monitoring Data are Available in South Korea. <b>2018</b> , 34, 806-821	5
201	Ordinary kriging approach to predicting long-term particulate matter concentrations in seven major Korean cities. <b>2014</b> , 29, e2014012	22
200	Effects of Short-term Exposure to PM <sub>10</sub> and PM <sub>2.5</sub> on Mortality in Seoul. <b>2014</b> , 40, 346-354	20
199	Impact of fine particles in ambient air on lung cancer. <b>2014</b> , 33, 197-203	15
198	Performance of a new model of nasal filter when challenged against PM <sub>1</sub> aerosols. <b>2021</b> , 33, 388-394	0
197	Airborne fine particulate matter in Japan induces lipid synthesis and inhibits autophagy in HepG2 cells. <b>2021</b> , 141, 106099	
196	Are PM <sub>2.5</sub> in the Atmosphere of a Small City a Threat for Health?. <b>2021</b> , 13, 11329	0
195	Long-term effect of exposure to lower concentrations of air pollution on mortality among US Medicare participants and vulnerable subgroups: a doubly-robust approach. <b>2021</b> , 5, e689-e697	9
194	EV Adoption Influence on Air Quality and Associated Infrastructure Costs. <b>2021</b> , 12, 207	0

- 193 The short-term association between air pollution and asthma hospitalization: a time-series analysis. 1
- 192 Smog Pollution, Environmental Uncertainty, and Operating Investment. **2021**, 12, 1378 1
- 191 Designing health impact functions to assess marginal changes in outdoor fine particulate matter. **2022**, 204, 112245 2
- 190 Interpolation biases in assessing spatial heterogeneity of outdoor air quality in Moscow, Russia. **2021**, 112, 105783
- 189 Long-term nitrogen dioxide exposure and cause-specific mortality in the U.S. Medicare population. **2021**, 207, 112154 1
- 188 CFD modeling of a vehicle exhaust laboratory sampling system: sulfur driven nucleation and growth in diluting diesel exhaust. 1
- 187 Smoking as a Source of Fine and Ultrafine Particulate Matter. **2016**, 61, 19-23 2
- 186 Cancer: A Time Bomb in Poor Countries. **2017**, 53-65
- 185 Reliability and Accuracy of the Deployable Particulate Impact Sampler for Application to Spatial PM2.5 Sampling in Seoul, Korea. **2017**, 33, 277-288
- 184 Initial Assessment of Air Pollution and Emergency Ambulance Calls in 35 Israeli Cities. **2018**, 73-82
- 183 Children's and Adult Involuntary and Occupational Exposures and Cancer. 259-316
- 182 Gesundheit. **2018**, 173-192 1
- 181 Urban and Transport Planning, Environment and Health. **2019**, 3-16 1
- 180 From the Outside In: Integrating External Exposures into the Exposome Concept. **2019**, 255-276
- 179 Air Pollution and Climate Change. **2019**, 91-105
- 178 Techniques Used for Recycling E-waste Worldwide. **2019**, 187-198
- 177 Atherosclerosis Risk Factors. **2019**, 9-45
- 176 Benefits of improved air quality on aging lungs ¶Impacts of genetics and obesity.

175	Decision-Aiding Transit-Tracker Methodology for Bus Scheduling Using Real Time Information to Ameliorate Traffic Congestion in the Kathmandu Valley of Nepal. <b>2019</b> , 11, 239-291	
174	Influence of near UV radiation on organic thin film transistor based on conductive polymer and ZnO thin films blend. <b>2019</b> ,	
173	Genetics and inflammatory profile in tobacco dependence. <b>2019</b> , 68, 91-96	0
172	Leachate Pollution and Impact to Environment. <b>2020</b> , 1304-1330	
171	Temporal cross-correlations between air pollutants and outpatient visits for respiratory and circulatory system diseases in Fuzhou, China.	
170	Modelling public health benefits of various emission control options to reduce NO <sub>2</sub> concentrations in Guangzhou. <b>2020</b> , 2, 065006	0
169	Contribution of on-road transportation to PM. <b>2021</b> , 11, 21320	3
168	Air Pollution and Adolescent Development: Evidence from a 3-Year Longitudinal Study in China. <b>2021</b> , 8,	0
167	Benefit Analysis of the 1st Spanish Air Pollution Control Programme on Health Impacts and Associated Externalities. <b>2021</b> , 12, 32	5
166	Investigating the association between long-term exposure to air pollution and greenness with mortality from neurological, cardio-metabolic and chronic obstructive pulmonary diseases in Greece. <b>2022</b> , 292, 118372	4
165	Low emission zones reduced PM but not NO concentrations in Berlin and Munich, Germany. <b>2022</b> , 302, 114048	1
164	Health effects in people relocating between environments of differing ambient air pollution concentrations: A literature review. <b>2022</b> , 292, 118314	2
163	Traffic-related air pollution: Emissions, human exposures, and health: An introduction. <b>2020</b> , 1-21	2
162	Best practices for air quality and active transportation. <b>2020</b> , 405-435	
161	Smart City Air Pollution Monitoring and Prediction: A Case Study of Skopje. <b>2020</b> , 15-27	1
160	Air pollution epidemiology. <b>2020</b> , 163-182	
159	Gender and Regional Differences in the Life Expectancy in Russia. <b>2020</b> , 27, 106-120	2
158	Two mechanisms for accelerated diffusion of COVID-19 outbreaks in regions with high intensity of population and polluting industrialization: the air pollution-to-human and human-to-human transmission dynamics (Preprint).	2

157	Inequalities in air pollution exposure are increasing in the United States.	2
156	Long-term exposure to low-level air pollution and incidence of asthma: the ELAPSE project. <b>2021</b> , 57,	5
155	Survey on air pollution and cardiopulmonary mortality in shiraz from 2011 to 2012: an analytical-descriptive study. <b>2014</b> , 5, 734-40	7
154	Regional indices of socio-economic and health inequalities: a tool for public health programming. <b>2019</b> , 60, E300-E310	1
153	Resilient urban form to pandemics: Lessons from COVID-19. <b>2020</b> , 34, 71	7
152	Prenatal exposure to air pollution and the risk of macrosomia: Identifying windows of susceptibility. <b>2021</b> , 151775	4
151	PVP-Assisted Shellac Nanofiber Membrane as Highly Efficient, Eco-Friendly, Translucent Air Filter. <b>2021</b> , 11, 11094	3
150	Chronic fine particulate matter exposure, habitual exercise, and dyslipidemia: A longitudinal cohort study.. <b>2022</b> , 6, e190	
149	A novel multi-pollutant space-time learning network for air pollution inference.. <b>2021</b> , 811, 152254	1
148	Umweltmedizin: Feinstaub ¶Angriff auf das Myokard.	
147	Six Air Pollutants Associated With Increased Risk of Thyroid Nodules: A Study of 4.9 Million Chinese Adults.. <b>2021</b> , 12, 753607	0
146	The Impact of Short-Term Outdoor Air Pollution on Clinical Status and Prognosis of Hospitalized Patients with Coronary Artery Disease Treated with Percutaneous Coronary Intervention.. <b>2022</b> , 11,	
145	Study protocol of the European Urban Burden of Disease Project: a health impact assessment study.. <b>2022</b> , 12, e054270	2
144	Long-term exposure to fine particulate matter and mortality: A longitudinal cohort study of 400,459 adults.. <b>2022</b> , 33,	0
143	Exposure to Elevated Nitrogen Dioxide Concentrations and Cardiac Remodeling in Patients With Dilated Cardiomyopathy.. <b>2022</b> ,	1
142	Air pollution exposure disparities across US population and income groups.. <b>2022</b> , 601, 228-233	23
141	Transmission of COVID-19 pandemic (Turkey) associated with short-term exposure of air quality and climatological parameters.. <b>2022</b> , 1	1
140	Long-term exposure to low ambient air pollution concentrations and mortality among 28 million people: results from seven large European cohorts within the ELAPSE project.. <b>2022</b> , 6, e9-e18	10

139	Longitudinal Impacts of PM Constituents on Adult Mortality in China.. <b>2022,</b>	1
138	European Society of Cardiology: cardiovascular disease statistics 2021.. <b>2022,</b>	22
137	Impact of limited residential address on health effect analysis of predicted air pollution in a simulation study.. <b>2022,</b>	0
136	Ambient air pollution, healthy diet and vegetable intakes, and mortality: a prospective UK Biobank study.. <b>2022,</b>	1
135	Issue 1 - "Update on adverse respiratory effects of outdoor air pollution". Part 1): Outdoor air pollution and respiratory diseases: A general update and an Italian perspective.. <b>2022,</b>	0
134	Controlled human exposure to diesel exhaust: results illuminate health effects of traffic-related air pollution and inform future directions.. <b>2022,</b> 19, 11	5
133	Protective effects of a day/night dual-antioxidant serum on skin: a randomized, regimen-controlled study in Chinese women exposed to air pollution.. <b>2022,</b>	0
132	Source identification, contamination status and health risk assessment of heavy metals from road dusts in Dhaka, Bangladesh. <b>2022,</b> 121, 159-174	0
131	Health risks of air pollution with fine particulate matter. <b>2021,</b> 102, 862-876	2
130	Development and Performance Evaluation of a Mixed-Sensor System for Fine Particles and Road Traffic Noise.	
129	Machine Learning-Based Estimation of PM2.5 Concentration Using Ground Surface DoFP Polarimeters. <b>2022,</b> 10, 23489-23496	
128	What Are the Sectors Contributing to the Exceedance of European Air Quality Standards over the Iberian Peninsula? A Source Contribution Analysis. <b>2022,</b> 14, 2759	0
127	Using Distributed Lag Non-Linear Models to Estimate Exposure Lag-Response Associations between Long-Term Air Pollution Exposure and Incidence of Cardiovascular Disease.. <b>2022,</b> 19,	1
126	Long-term exposure to ambient NO <sub>2</sub> and adult mortality: A nationwide cohort study in China. <b>2022,</b>	0
125	Mapping the spatial distribution of NO <sub>2</sub> with in situ and remote sensing instruments during the Munich NO <sub>2</sub> imaging campaign. <b>2022,</b> 15, 1609-1629	0
124	Impact of Residential Real-World Wood Stove Operation on Air Quality concerning PM <sub>2.5</sub> Immission. <b>2022,</b> 10, 545	
123	Evaluation of tree-based statistical learning methods for constructing genetic risk scores.. <b>2022,</b> 23, 97	0
122	Current status of herbal medicine research for respiratory diseases induced by particulate matter: a protocol for a scoping review.. <b>2022,</b> 11, 35	



121	Does air pollution explain COVID-19 fatality and mortality rates? A multi-city study in S Paulo state, Brazil.. <b>2022</b> , 194, 275	1
120	Long-term exposure to fine particle matter and all-cause mortality and cause-specific mortality in Japan: the JPHC Study.. <b>2022</b> , 22, 466	0
119	Vehicular Traffic in Urban Areas: Health Burden and Influence of Sustainable Urban Planning and Mobility. <b>2022</b> , 13, 598	1
118	Does air pollution affect earnings management? Evidence from China. <b>2022</b> , 72, 101737	2
117	Estimating PM2.5 surface concentrations from AOD: A combination of SLSTR and MODIS. <b>2022</b> , 26, 100716	1
116	Star fruit extract and C-glycosylated flavonoid components have potential to prevent air pollutant-induced skin inflammation and premature aging.. <b>2022</b> , 12, 13	
115	The impact of urban environmental exposures on health: An assessment of the attributable mortality burden in Sao Paulo city, Brazil.. <b>2022</b> , 831, 154836	0
114	Exposure to particulate matter: a brief review with a focus on cardiovascular effects, children, and research conducted in Turkey.. <b>2021</b> , 72, 244-253	
113	Relationship between Land-Use Type and Daily Concentration and Variability of PM10 in Metropolitan Cities: Evidence from South Korea. <b>2022</b> , 11, 23	1
112	The influence of outdoor PM concentration at workplace on nonaccidental mortality estimates in a Canadian census-based cohort.. <b>2021</b> , 5, e180	
111	Long-term exposure to ambient fine particulate matter (PM2.5) and associations with cardiopulmonary diseases and lung cancer in Taiwan: a nationwide longitudinal cohort study.. <b>2022</b> ,	1
110	Ambient Particulate Air Pollution and Daily Hospital Admissions in 31 Cities in Poland. <b>2022</b> , 13, 345	1
109	Long-term air pollution exposure and incident stroke in American older adults: A national cohort study. <b>2022</b> , 100073	1
108	Advances in air quality research Current and emerging challenges. <b>2022</b> , 22, 4615-4703	5
107	Exposure models for particulate matter elemental concentrations in Southern California. <b>2022</b> , 107247	0
106	A novel method of identifying and analysing oil smoke plumes based on MODIS and CALIPSO satellite data. <b>2022</b> , 22, 5071-5098	0
105	Mortality Attributable to Long-Term Exposure to Ambient Fine Particulate Matter: Insights from the Epidemiologic Evidence for Understudied Locations.. <b>2022</b> ,	1
104	Extended two-stage designs for environmental research.. <b>2022</b> , 21, 41	1

103 Data\_Sheet\_1.PDF. 2019,

102 Outdoor air quality and human health: An overview of reviews of observational studies.. 2022, 119309 1

101 Application of Socio-Economic and Health Deprivation Indices to study the relationships between socio-economic status and disease onset and outcome in a metropolitan area subjected to aging, demographic fall and socio-economic crisis.. 2021, 62, E718-E727 1

100 Within- and Cross-Tissue Gene Regulations Were Disrupted by Pm2.5 Nitrate Exposure and Associated with Respiratory Functions.

99 The Relationship between Fine Particulate Matter (Pm2.5) Pollution and Covid-19 Mortality in Western Europe for the 2020-2022 Period.

98 Development and Evaluation of Spatio-Temporal Air Pollution Exposure Models and Their Combinations in the Greater London Area, UK.. 2022, 19, 0

97 Spatialization and Prediction of Seasonal NO Pollution Due to Climate Change in the Korean Capital Area through Land Use Regression Modeling.. 2022, 19,

96 Links between chronic exposure to outdoor air pollution and cardiovascular diseases: a review.. 2022, 1-18 2

95 Respiratory Deposition Dose of PM2.5 and PM10 Before, During and After COVID-19 Lockdown Phases in Megacity-Delhi, India.

94 Long-term exposure to traffic-related air pollution and selected health outcomes: A systematic review and meta-analysis.. 2022, 164, 107262 5

93 Relationships among green space, ambient fine particulate matter, and cancer incidence in Taiwan: A 16-year retrospective cohort study.. 2022, 212, 113416 0

92 Exposure to Urban Air Pollution Nanoparticles: Oxidative Stress and Cardiovascular Disease. 2022, 3, 429-435 0

91 Traffic costs of air pollution: the effect of PM2.5 on traffic violation.

90 Real-Ambient Exposure to Air Pollution Induces Hypertrophy of Adipose Tissue Modulated by Mitochondria-Mediated Glycolipid Metabolism in Young Mice.

89 Bifunctional conjugated microporous polymer based filters for highly efficient PM and gaseous iodine capture.

88 ??????????????????????. 2022,

87 Fine-Grained Urban Air Quality Mapping from Sparse Mobile Air Pollution Measurements and Dense Traffic Density. 2022, 14, 2613 0

86 Impact of Particulate Matter on Hospitalizations for Respiratory Diseases and Related Economic Losses in Wuhan, China. 2022, 10,

85	PM2.5 exposure and cervical cancer survival in Liaoning Province, northeastern China.	
84	Influence of Selected Air Pollutants on Mortality and Pneumonia Burden in Three Polish Cities over the Years 2011-2018. <b>2022</b> , 11, 3084	1
83	Short-term exposure to six air pollutants and cause-specific cardiovascular mortality of nine counties or districts in Anhui Province, China.	
82	Effect of transit-oriented development on air quality in neighbourhoods of Delhi. <b>2022</b> , 1, 100015	
81	Gaseous Pollutants (Tropospheric Ozone, NO <sub>2</sub> , SO <sub>2</sub> ). <b>2022</b> , 1-18	1
80	Habitual exercise, chronic exposure to fine particulate matter and high-sensitivity C reactive protein in Asian adults. oemed-2022-108328	
79	The effect of long-term exposure to air pollution and seasonal temperature on hospital admissions with cardiovascular and respiratory disease in the United States: A difference-in-differences analysis. <b>2022</b> , 156855	0
78	A grouped spatial-temporal model for PM <sub>2.5</sub> data and its applications on outlier detection. 1-13	
77	Airway inflammation in adolescents and elderly women: Chronic air pollution exposure and polygenic susceptibility. <b>2022</b> , 841, 156655	0
76	Associations between Air Pollution Exposure and Incidence of End-Stage Kidney Disease Based on UK Biobank Cohort.	
75	A Survey on the Knowledge, Attitudes, and Practices of Lebanese Physicians Regarding Air Pollution. <b>2022</b> , 19, 7907	
74	Ambient Air Pollution and Socioeconomic Status in China. <b>2022</b> , 130,	3
73	Estimation of Fuel Loadings of Domestic Agricultural Crop Residues to Determine the Air Pollutants Emissions. <b>2022</b> , 38, 451-469	
72	Intelligent Forecasting of Air Quality and Pollution Prediction Using Machine Learning. <b>2022</b> , 2022, 1-15	1
71	Health impacts of PM <sub>2.5</sub> originating from residential wood combustion in four nordic cities. <b>2022</b> , 22,	0
70	Long-term exposure to low-level air pollution, genetic susceptibility and risk of dementia.	0
69	Do smart cities have lower particulate matter 2.5 (PM <sub>2.5</sub> )? Evidence from China. <b>2022</b> , 104082	1
68	Association of Chronic Exposure to Black Carbon Particles And Risk of Prediabetes and Metabolic Syndrome in Children and Adolescents: Results from the Idefics/I.Family Study.	

67	Changing trends in the air pollution-related disease burden from 1990 to 2019 and its predicted level in 25 years.	
66	The impacts of reduction in ambient fine particulate (PM2.5) air pollution on life expectancy in Taiwan. 1-8	1
65	The Role of Polygenic Susceptibility on Air Pollution-Associated Asthma between German and Japanese Elderly Women. <b>2022</b> , 19, 9869	
64	Long-Term Exposure to Fine Particulate Matter and the Risk of Chronic Liver Diseases: A Meta-Analysis of Observational Studies. <b>2022</b> , 19, 10305	2
63	Impact of air pollutants on COVID-19 transmission: a study over different metropolitan cities in India.	0
62	Air Pollution from Global Health to Individual Risk Factor: Is It Time for Enviropathies in Everyday Clinical Practice?. <b>2022</b> , 19, 9595	0
61	Relation between PM2.5 pollution and Covid-19 mortality in Western Europe for the 2020-2022 period. <b>2022</b> , 848, 157579	1
60	Within- and cross-tissue gene regulations were disrupted by PM2.5 nitrate exposure and associated with respiratory functions. <b>2022</b> , 850, 157977	
59	Overview of particulate air pollution and human health in China: Evidence, challenges, and opportunities. <b>2022</b> , 3, 100312	0
58	Development and performance evaluation of a mixed-sensor system for fine particles and road traffic noise. <b>2022</b> , 28, 102902	0
57	Ambient NO2 exposure hinders long-term survival of Chinese middle-aged and older adults. <b>2023</b> , 855, 158784	0
56	Lifetime exposure to PM2.5 air pollution and disability-adjusted life years due to cardiopulmonary disease: A modeling study based on nationwide longitudinal data. <b>2023</b> , 855, 158901	0
55	Is Digital Goods Consumption Resilient to Air Pollution?.	0
54	Air Quality and Health Impacts. <b>2022</b> , 459-486	1
53	Source attribution of nitrogen oxides across Germany: Comparing the labelling approach and brute force technique with LOTOS-EUROS. <b>2023</b> , 292, 119412	0
52	The physics of respiratory particle generation, fate in the air, and inhalation.	1
51	Associations Between Google Street View-Derived Urban Greenspace Metrics and Air Pollution Measured using a Distributed Sensor Network. <b>2022</b> , 104221	0
50	Associating Air Pollution with Cytokinesis-Block Micronucleus Assay Parameters in Lymphocytes of the General Population in Zagreb (Croatia). <b>2022</b> , 23, 10083	1

- 49 Long-term exposure to low air pollutant concentrations and hospitalisation for respiratory diseases in older men: A prospective cohort study in Perth, Australia. **2022**, e10905 ○
- 48 Airway pollution and smoking in reproductive health. **2022**, ○
- 47 Real-Life Toxicants as an Emerging Challenge in the Rehabilitation of COVID-19 Survivors. **2022**, 8, 69-76 ○
- 46 Environmental Stressors and the PINE Network: Can Physical Environmental Stressors Drive Long-Term Physical and Mental Health Risks?. **2022**, 19, 13226 ○
- 45 Exploring Spatiotemporal Dynamics of PM2.5 Emission Based on Nighttime Light in China from 2012 to 2018. **2022**, 14, 14011 ○
- 44 US Embassy air-quality tweets led to global health benefits. **2022**, 119, ○
- 43 Synergistic or Antagonistic Health Effects of Long- and Short-Term Exposure to Ambient NO2 and PM2.5: A Review. **2022**, 19, 14079 1
- 42 Air pollution and refraining from visiting health facilities: a cross-sectional study of domestic migrants in China. **2022**, 22, ○
- 41 Short-term exposure to ambient particulate matter and mortality among HIV/AIDS patients: Case-crossover evidence from all counties of Hubei province, China. **2023**, 857, 159410 ○
- 40 Acute effect of fine particulate matter and respiratory mortality in Changsha, China: a time-series analysis. **2022**, 22, ○
- 39 Association of physical activity and air pollution exposure with the risk of type 2 diabetes: a large population-based prospective cohort study. **2022**, 21, ○
- 38 Consequences of exposure to pollutants on respiratory health: From genetic correlations to causal relationships. **2022**, 17, e0277235 ○
- 37 Exposure to diesel exhaust alters the functional metagenomic composition of the airway microbiome in former smokers. **2022**, 114826 ○
- 36 Association of urinary and ambient black carbon, and other ambient air pollutants with risk of prediabetes and metabolic syndrome in children and adolescents. **2023**, 317, 120773 ○
- 35 Long-term exposure to traffic-related air pollution and stroke: A systematic review and meta-analysis. **2023**, 247, 114079 ○
- 34 Causal effects of prenatal and chronic PM2.5 exposures on cognitive function. **2023**, 219, 115138 ○
- 33 Future challenges and their impact on respiratory health and lung cancer. **2022**, 48-58 ○
- 32 Quantitatively Disentangling the Geographical Impacts of Topography on PM2.5 Pollution in China. **2022**, 14, 6309 ○

- 31 Quantification of primary and secondary organic aerosol sources by combined factor analysis of extractive electrospray ionisation and aerosol mass spectrometer measurements (EESI-TOF and AMS). **2022**, 15, 7265-7291 ○
- 30 Swiss Cohort & Biobank The White Paper. 43, ○
- 29 A comparison of statistical and machine-learning approaches for spatiotemporal modeling of nitrogen dioxide across Switzerland. **2022**, 13, 101611 ○
- 28 Air Pollution Exposure Based on Nighttime Light Remote Sensing and Multi-source Geographic Data in Beijing. ○
- 27 Efficient gene-environment interaction testing through bootstrap aggregating. **2023**, 13, ○
- 26 The relationship between air pollution and multimorbidity: Can two birds be killed with the same stone?. ○
- 25 Mortality associated with fine particulate and its components: A systematic review and meta-analysis. **2023**, 14, 101648 ○
- 24 Unraveling the association between the built environment and air pollution from a geospatial perspective. **2023**, 386, 135768 1
- 23 Effects of Ambient Air Pollution on Precocious Puberty: A Case-Crossover Analysis in Nanjing, China. **2023**, 12, 282 ○
- 22 Characterization of the external exposome and its contribution to the clinical respiratory and early biological effects in children: The PROMESA cohort study protocol. **2023**, 18, e0278836 ○
- 21 Does the pilot construction of new-energy cities promote particulate matter 2.5 (PM2.5) reduction? Evidence from China. 11, ○
- 20 Health effects of shrinking hyper-saline lakes: spatiotemporal modeling of the Lake Urmia drought on the local population, case study of the Shabestar County. **2023**, 13, ○
- 19 Exposure Assessment. **2023**, 1-33 ○
- 18 Global association of greenness exposure with risk of nervous system disease: A systematic review and meta-analysis. **2023**, 877, 162773 ○
- 17 Urban policy interventions to reduce traffic-related emissions and air pollution: A systematic evidence map. **2023**, 172, 107805 ○
- 16 Using parametric g-computation to estimate the effect of long-term exposure to air pollution on mortality risk and simulate the benefits of hypothetical policies: the Canadian Community Health Survey cohort (2005 to 2015). ○
- 15 Exposure assessment for air pollution epidemiology: A scoping review of emerging monitoring platforms and designs. **2023**, 223, 115451 ○
- 14 Performance of a Wet Electrostatic Precipitator in Marine Applications. **2023**, 11, 393 ○

- 13 Adverse Health Effects (Bronchitis Cases) Due to Particulate Matter Exposure: A Twenty-Year Scenario Analysis for the Greater Athens Area (Greece) Using the AirQ+ Model. **2023**, 14, 389 ○
- 12 Long-term outdoor air pollution and COVID-19 mortality in London: an individual-level analysis. ○
- 11 Indigenous Knowledge of seasons delivers a new way of considering annual cycles in atmospheric dispersion of pollutants. **2023**, 73, 44-59 ○
- 10 Green Heart Louisville: intra-urban, hyperlocal land-use regression modeling of nitrogen oxides and ozone. ○
- 9 Assessment of Low-Level Air Pollution and Cardiovascular Incidence in Gdansk, Poland: Time-Series Cross-Sectional Analysis. **2023**, 12, 2206 ○
- 8 Impacts of emissions policies on future UK mortality burdens associated with air pollution. **2023**, 174, 107862 ○
- 7 Using Parametric g-Computation to Estimate the Effect of Long-Term Exposure to Air Pollution on Mortality Risk and Simulate the Benefits of Hypothetical Policies: The Canadian Community Health Survey Cohort (2005 to 2015). **2023**, 131, 1 ○
- 6 Long-term ambient air pollution exposure and cardio-respiratory disease in China: findings from a prospective cohort study. **2023**, 22, ○
- 5 Respiratory effects of air pollution: time to stop this deadly trajectory. thorax-2023-220030 ○
- 4 Long-Term Exposure to Traffic-Related Air Pollution and Non-Accidental Mortality: A Systematic Review and Meta-Analysis. **2023**, 107916 ○
- 3 Segmentation of OECD countries on the basis of selected global environmental indicators using k-means non-hierarchical clustering. ○
- 2 Recent Urban Issues Related to Particulate Matter in Ploiesti City, Romania. **2023**, 14, 746 ○
- 1 Development of environmental data for land use regression models to assess fine particulate matter pollution in Ho Chi Minh City. **2023**, 1170, 012020 ○