## Health Effects of Fine Particulate Air Pollution: Lines th

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**Citation Report** 

#	Article	IF	CITATIONS
1	International collaboration for technological change in the 21st century. International Journal of Technology Management, 1999, 18, 285.	0.5	7
4	A Critical Assessment of Studies on the Carcinogenic Potential of Diesel Exhaust. Critical Reviews in Toxicology, 2006, 36, 727-776.	3.9	65
5	Comments on the Updated Harvard Six Cities Study. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 722a-724.	5.6	1
6	The politics of breathing. Nature, 2006, 444, 248-249.	27.8	8
7	Air pollution in Boston bars before and after a smoking ban. BMC Public Health, 2006, 6, 266.	2.9	105
8	lschemic Heart Disease Events Triggered by Short-Term Exposure to Fine Particulate Air Pollution. Circulation, 2006, 114, 2443-2448.	1.6	507
9	Death stroked by dusty air: more mysteries to be solved. Occupational and Environmental Medicine, 2006, 64, 3-4.	2.8	0
10	Is air pollution a cause of cardiovascular disease? Updated review and controversies. Reviews on Environmental Health, 2007, 22, 115-37.	2.4	71
11	Invited Commentary: Heterogeneity of Particulate Matter Health Risks. American Journal of Epidemiology, 2007, 166, 889-891.	3.4	10
12	Effects of PM <sub>2.5</sub> Collected from Cache Valley Utah on Genes Associated with the Inflammatory Response in Human Lung Cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2007, 70, 1731-1744.	2.3	67
13	Potential Toxic Effects Associated to Metals and Endotoxin Present in PM <sub>10</sub> : an Ancillary Study Using Multivariate Analysis. Inhalation Toxicology, 2007, 19, 49-53.	1.6	19
14	Update in Environmental and Occupational Medicine 2006. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 758-762.	5.6	3
15	Particulate matter, science and EU policy. European Respiratory Journal, 2007, 29, 428-431.	6.7	62
16	Air quality in North America's most populous city – overview of the MCMA-2003 campaign. Atmospheric Chemistry and Physics, 2007, 7, 2447-2473.	4.9	286
17	Using a moving measurement platform for determining the chemical composition of atmospheric aerosols between Moscow and Vladivostok. Atmospheric Chemistry and Physics, 2007, 7, 4793-4805.	4.9	24
18	Modeling secondary organic aerosol formation through cloud processing of organic compounds. Atmospheric Chemistry and Physics, 2007, 7, 5343-5355.	4.9	71
19	Particulate matter in the environment: pulmonary and cardiovascular effects. Current Opinion in Pulmonary Medicine, 2007, 13, 98-106.	2.6	91
20	Confounding in Air Pollution Epidemiology. Epidemiology, 2007, 18, 424-426.	2.7	21

#	Article	IF	CITATIONS
21	An assessment of air quality in Belgrade urban area: PM <sub>10</sub> , PM <sub>2.5</sub> and trace metals. Journal of Physics: Conference Series, 2007, 71, 012016.	0.4	5
22	Why Physicians Who Treat Hypertension Should Know More About Air Pollution. Journal of Clinical Hypertension, 2007, 9, 629-635.	2.0	51
23	Differentiating the effects of fine and coarse particles on daily mortality in Shanghai, China. Environment International, 2007, 33, 376-384.	10.0	302
24	Does the effect of air pollution on pregnancy outcomes differ by gender? A systematic review. Environmental Research, 2007, 105, 400-408.	7.5	89
25	Long-Term Exposure to Air Pollution and Incidence of Cardiovascular Events in Women. New England Journal of Medicine, 2007, 356, 447-458.	27.0	1,538
26	Effects of Concentrated Ambient Particles on Heart Rate, Blood Pressure, and Cardiac Contractility in Spontaneously Hypertensive Rats During a Dust Storm Event. Inhalation Toxicology, 2007, 19, 973-978.	1.6	18
27	Estimating Fine Particulate Matter Component Concentrations and Size Distributions Using Satellite-Retrieved Fractional Aerosol Optical Depth: Part 2—A Case Study. Journal of the Air and Waste Management Association, 2007, 57, 1360-1369.	1.9	91
28	Indoor and outdoor concentrations of PM2.5trace elements at homes, preschools and schools in Stockholm, Sweden. Journal of Environmental Monitoring, 2007, 9, 348-357.	2.1	69
29	A new high performance battery-operated electrometer. Review of Scientific Instruments, 2007, 78, 105103.	1.3	7
30	The Big Ban on Bituminous Coal Sales Revisited: Serious Epidemics and Pronounced Trends Feign Excess Mortality Previously Attributed to Heavy Black-Smoke Exposure. Inhalation Toxicology, 2007, 19, 343-350.	1.6	15
31	Will the Circle Be Unbroken: A History of the U.S. National Ambient Air Quality Standards. Journal of the Air and Waste Management Association, 2007, 57, 1151-1163.	1.9	100
32	An Integrated Framework for Risk Management and Population Health. Human and Ecological Risk Assessment (HERA), 2007, 13, 1288-1312.	3.4	39
33	Traffic, Air Pollution, and Health. Inhalation Toxicology, 2007, 19, 1021-1027.	1.6	64
34	Short-Term Effects of Particulate Matter: An Inflammatory Mechanism?. Critical Reviews in Toxicology, 2007, 37, 461-487.	3.9	70
35	The application of thermal methods for determining chemical composition of carbonaceous aerosols: A review. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2007, 42, 1521-1541.	1.7	131
36	Dissolution behavior of metals from particulate matter emissions. Toxicological and Environmental Chemistry, 2007, 89, 465-477.	1.2	1
37	Use of Micro-XANES to Speciate Chromium in Airborne Fine Particles in the Sacramento Valley. Environmental Science & Technology, 2007, 41, 4919-4924.	10.0	43
38	Biological Effects of Particles from the Paris Subway System. Chemical Research in Toxicology, 2007, 20, 1426-1433.	3.3	87

#	Article	IF	CITATIONS
39	Does respiratory health contribute to the effects of long-term air pollution exposure on cardiovascular mortality?. Respiratory Research, 2007, 8, 20.	3.6	46
40	Near-highway pollutants in motor vehicle exhaust: A review of epidemiologic evidence of cardiac and pulmonary health risks. Environmental Health, 2007, 6, 23.	4.0	357
41	Mortality Effects of Longer Term Exposures to Fine Particulate Air Pollution: Review of Recent Epidemiological Evidence. Inhalation Toxicology, 2007, 19, 33-38.	1.6	222
42	Evidence of Health Impacts of Sulfate-and Nitrate-Containing Particles in Ambient Air. Inhalation Toxicology, 2007, 19, 419-449.	1.6	160
43	Cardiovascular Disease and Air Pollutants: Evaluating and Improving Epidemiological Data Implicating Traffic Exposure. Inhalation Toxicology, 2007, 19, 135-149.	1.6	106
44	The Effect of Driving Conditions and Ambient Temperature on Light Duty Gasoline-Electric Hybrid Vehicles (1): Particulate Matter Emission Rates and Size Distributions. , 2007, , .		2
45	Traffic-Related Atmospheric Pollutants Levels during Pregnancy and Offspring's Term Birth Weight: A Study Relying on a Land-Use Regression Exposure Model. Environmental Health Perspectives, 2007, 115, 1283-1292.	6.0	189
46	Night Heart Rate Variability and Particulate Exposures among Boilermaker Construction Workers. Environmental Health Perspectives, 2007, 115, 1046-1051.	6.0	36
47	Spatial and Temporal Variation in PM 2.5 Chemical Composition in the United States for Health Effects Studies. Environmental Health Perspectives, 2007, 115, 989-995.	6.0	524
48	Does the Effect of PM10on Mortality Depend on PM Nickel and Vanadium Content? A Reanalysis of the NMMAPS Data. Environmental Health Perspectives, 2007, 115, 1701-1703.	6.0	93
49	Exposure to Ultrafine Particles from Ambient Air and Oxidative Stress–Induced DNA Damage. Environmental Health Perspectives, 2007, 115, 1177-1182.	6.0	203
50	Obesity Is A Modifier of Autonomic Cardiac Responses to Fine Metal Particulates. Environmental Health Perspectives, 2007, 115, 1002-1006.	6.0	60
51	Mortality from Copper Smelter Emissions: Pope Responds. Environmental Health Perspectives, 2007, 115, .	6.0	1
52	Mortality Effects of a Copper Smelter Strike and Reduced Ambient Sulfate Particulate Matter Air Pollution. Environmental Health Perspectives, 2007, 115, 679-683.	6.0	104
53	Ischemic heart disease mortality among miners and other potentially silica-exposed workers. American Journal of Industrial Medicine, 2007, 50, 403-408.	2.1	34
54	Microwave digestion—ICP-MS for elemental analysis in ambient airborne fine particulate matter: Rare earth elements and validation using a filter borne fine particle certified reference material. Analytica Chimica Acta, 2007, 599, 170-176.	5.4	74
55	Background error statistics for aerosols. Quarterly Journal of the Royal Meteorological Society, 2007, 133, 391-405.	2.7	54
56	Ambient biomass smoke and cardio-respiratory hospital admissions in Darwin, Australia. BMC Public Health, 2007, 7, 240.	2.9	109

#	Article	IF	CITATIONS
57	A study on nighttime–daytime PM10 concentration and elemental composition in relation to atmospheric dispersion in the urban area of Milan (Italy). Atmospheric Environment, 2007, 41, 2136-2144.	4.1	101
58	Characterization of aging wood chip combustion aerosol in an environmental chamber. Atmospheric Environment, 2007, 41, 3713-3721.	4.1	14
59	Roadside measurements of size-segregated particulate organic compounds near gasoline and diesel-dominated freeways in Los Angeles, CA. Atmospheric Environment, 2007, 41, 4653-4671.	4.1	90
60	Spatial variation of particle number and mass over four European cities. Atmospheric Environment, 2007, 41, 6622-6636.	4.1	122
61	A methodology for the quantification of the net African dust load in air quality monitoring networks. Atmospheric Environment, 2007, 41, 5516-5524.	4.1	174
62	Levels of particulate air pollution, its elemental composition, determinants and health effects in metro systems. Atmospheric Environment, 2007, 41, 7995-8006.	4.1	195
63	Transformation of diesel engine exhaust in an environmental chamber. Atmospheric Environment, 2007, 41, 8865-8873.	4.1	8
64	Fine particles, a major threat to children. International Journal of Hygiene and Environmental Health, 2007, 210, 617-622.	4.3	108
65	Spatial variability of particulates in homes: Implications for infant exposure. Science of the Total Environment, 2007, 376, 317-323.	8.0	31
66	Residents' particle exposures in six different communities in Taiwan. Science of the Total Environment, 2007, 377, 81-92.	8.0	33
67	Simulation of smoke plumes from agricultural burns: Application to the San Luis/Rio Colorado airshed along the U.S./Mexico border. Science of the Total Environment, 2007, 388, 270-289.	8.0	16
68	Levels of ultrafine particles in different microenvironments — Implications to children exposure. Science of the Total Environment, 2007, 388, 128-136.	8.0	80
69	Association of Heart Rate Variability of the Elderly with Personal Exposure to PM1, PM1–2.5, and PM2.5–10. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 552-556.	2.7	34
70	Chemical characterization and multivariate analysis of atmospheric PM2.5 particles. Journal of Atmospheric Chemistry, 2008, 59, 199-218.	3.2	44
71	Continuous and filter-based measurements of PM2.5 nitrate and sulfate at the Fresno Supersite. Environmental Monitoring and Assessment, 2008, 144, 179-189.	2.7	23
72	Particulate matter analysis at elementary schools in Curitiba, Brazil. Analytical and Bioanalytical Chemistry, 2008, 391, 1459-1468.	3.7	27
73	Air quality, atmosphere, and health. Air Quality, Atmosphere and Health, 2008, 1, 1-2.	3.3	5
74	A Hyperlipidemic Rabbit Model Provides New Insights into Pulmonary Zinc Exposure Effects on Cardiovascular Health. Cardiovascular Toxicology, 2008, 8, 195-206.	2.7	4

#	Article	IF	CITATIONS
75	Evaluation of the levels and sources of trace elements in urban particulate matter. Environmental Chemistry Letters, 2008, 6, 95-100.	16.2	69
76	Field evaluation of a new particle concentrator- electrostatic precipitator system for measuring chemical and toxicological properties of particulate matter. Particle and Fibre Toxicology, 2008, 5, 15.	6.2	17
77	Surgical smoke and ultrafine particles. Journal of Occupational Medicine and Toxicology, 2008, 3, 31.	2.2	121
78	The effects of weather and air pollution on cardiovascular and respiratory mortality in Santiago, Chile, during the winters of 1988–1996. International Journal of Climatology, 2008, 28, 1113-1126.	3.5	24
79	Modelling spatioâ€ŧemporal variation in exposure to particulate matter: a twoâ€stage approach. Environmetrics, 2008, 19, 549-566.	1.4	44
80	Thermal extraction–two-dimensional gas chromatography–mass spectrometry with heart-cutting for nitrogen heterocyclics in biomass burning aerosols. Journal of Chromatography A, 2008, 1200, 228-234.	3.7	47
81	A political ecology of scale in urban air pollution monitoring. Transactions of the Institute of British Geographers, 2008, 33, 502-517.	2.9	30
82	Influences of study design and location on the relationship between particulate matter air pollution and birthweight. Paediatric and Perinatal Epidemiology, 2008, 22, 214-227.	1.7	58
83	Relation of Heart Failure Hospitalization to Exposure to Fine Particulate Air Pollution. American Journal of Cardiology, 2008, 102, 1230-1234.	1.6	121
84	Semi-continuous mass closure of the major components of fine particulate matter in Riverside, CA. Atmospheric Environment, 2008, 42, 250-260.	4.1	21
85	On the interaction between glyceraldehyde-3-phosphate dehydrogenase and airborne particles: Evidence for electrophilic species. Atmospheric Environment, 2008, 42, 517-529.	4.1	23
86	Black carbon concentrations and diesel vehicle emission factors derived from coefficient of haze measurements in California: 1967–2003. Atmospheric Environment, 2008, 42, 480-491.	4.1	64
87	The impact of fireworks on airborne particles. Atmospheric Environment, 2008, 42, 1121-1132.	4.1	196
88	Quality and performance of a PM10 daily forecasting modelâ <sup>~</sup> †. Atmospheric Environment, 2008, 42, 1098-1109.	4.1	96
89	Characterising exposure to PM aerosols for an epidemiological study. Atmospheric Environment, 2008, 42, 1552-1568.	4.1	62
90	A mass closure and PMF source apportionment study on the sub-micron sized aerosol fraction at urban sites in Italy. Atmospheric Environment, 2008, 42, 2240-2253.	4.1	95
91	In situ measurements of particle number concentration, chemically resolved size distributions and black carbon content of traffic-related emissions on German motorways, rural roads and in city traffic. Atmospheric Environment, 2008, 42, 4257-4268.	4.1	47
92	Source characterization of fine and coarse particles at the East Mediterranean coast. Atmospheric Environment, 2008, 42, 6114-6130.	4.1	45

#	Article	IF	CITATIONS
93	An evaluation of Terra-MODIS sampling for monthly and annual particulate matter air quality assessment over the Southeastern United States. Atmospheric Environment, 2008, 42, 6465-6471.	4.1	34
94	Variation of particle concentrations and environmental noise on the urban neighbourhood scale. Atmospheric Environment, 2008, 42, 7179-7183.	4.1	24
95	A review of land-use regression models to assess spatial variation of outdoor air pollution. Atmospheric Environment, 2008, 42, 7561-7578.	4.1	1,060
96	Growth of nucleation mode particles: Source rates of condensable vapour in a smog chamber. Atmospheric Environment, 2008, 42, 7405-7411.	4.1	11
97	A hybrid ARIMA and artificial neural networks model to forecast particulate matter in urban areas: The case of Temuco, Chile. Atmospheric Environment, 2008, 42, 8331-8340.	4.1	298
98	Secondary organic aerosol from ozone-initiated reactions with terpene-rich household products. Atmospheric Environment, 2008, 42, 8234-8245.	4.1	114
99	Air quality effects of an urban highway speed limit reduction. Atmospheric Environment, 2008, 42, 9098-9105.	4.1	48
100	New Directions: Legislative considerations for controlling exposure to atmospheric aerosols in rural areas. Atmospheric Environment, 2008, 42, 8979-8984.	4.1	5
101	Spatial and temporal variation of particle number concentration in Augsburg, Germany. Science of the Total Environment, 2008, 401, 168-175.	8.0	122
102	Particulate matter exposure along designated bicycle routes in Vancouver, British Columbia. Science of the Total Environment, 2008, 405, 26-35.	8.0	73
103	Interpretation of the variability of levels of regional background aerosols in the Western Mediterranean. Science of the Total Environment, 2008, 407, 527-540.	8.0	134
104	Environmental inequity in England: Small area associations between socio-economic status and environmental pollution. Social Science and Medicine, 2008, 67, 1612-1629.	3.8	93
105	In Vitro Models for Nanoparticle Toxicology. , 0, , 261-286.		2
106	PM2.5 metal exposures and nocturnal heart rate variability: a panel study of boilermaker construction workers. Environmental Health, 2008, 7, 36.	4.0	88
107	A 10-year time-series analysis of respiratory and cardiovascular morbidity in Nicosia, Cyprus: the effect of short-term changes in air pollution and dust storms. Environmental Health, 2008, 7, 39.	4.0	217
108	Fossil and contemporary fine particulate carbon fractions at 12 rural and urban sites in the United States. Journal of Geophysical Research, 2008, 113, .	3.3	147
109	Air Pollution and Cardiovascular Injury. Journal of the American College of Cardiology, 2008, 52, 719-726.	2.8	349
110	Airborne Particulate Matter and Human Health: Toxicological Assessment and Importance of Size and Composition of Particles for Oxidative Damage and Carcinogenic Mechanisms. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2008, 26, 339,362	2.9	1,092

#	Article	IF	CITATIONS
111	Vegetation fire smoke, indigenous status and cardio-respiratory hospital admissions in Darwin, Australia, 1996–2005: a time-series study. Environmental Health, 2008, 7, 42.	4.0	94
112	Effects of industrial air pollution on the respiratory health of children. International Journal of Environmental Science and Technology, 2008, 5, 509-516.	3.5	21
113	Particulate matter inhibits DNA repair and enhances mutagenesis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 657, 116-121.	1.7	81
114	Source apportionment of particulate matter in Europe: A review of methods and results. Journal of Aerosol Science, 2008, 39, 827-849.	3.8	812
115	Real-time measurement of dual-wavelength laser-induced fluorescence spectra of individual aerosol particles. Optics Express, 2008, 16, 16523.	3.4	37
116	Air pollution causes atherosclerosis through inducing pathological changes in the blood (a new) Tj ETQq1 1 0.784	314 rgBT 0.2	/Qverlock 10
117	Characterization of fine particulate matter in Ohio: Indoor, outdoor, and personal exposures. Environmental Research, 2008, 106, 62-71.	7.5	52
118	Linkage of the US National Health Interview Survey to air monitoring data: An evaluation of different strategies. Environmental Research, 2008, 106, 384-392.	7.5	7
119	Associations between environmental exposures and serum concentrations of Clara cell protein among elderly men in Oslo, Norway. Environmental Research, 2008, 108, 354-360.	7.5	18
120	Influence of atmospheric stability on the mass concentration and chemical composition of atmospheric particles: A case study in Rome, Italy. Environment International, 2008, 34, 621-628.	10.0	73
121	Can fine particulate matter explain the paradoxical ozone associations?. Environment International, 2008, 34, 1185-1191.	10.0	6
122	Metabolic Syndrome and Inflammatory Responses to Long-Term Particulate Air Pollutants. Environmental Health Perspectives, 2008, 116, 612-617.	6.0	148
123	Mass and ionic composition of atmospheric fine particles over Belgium and their relation with gaseous air pollutants. Journal of Environmental Monitoring, 2008, 10, 1148.	2.1	44
124	Air Pollution and Public Health: A Guidance Document for Risk Managers. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 588-698.	2.3	111
125	Chemical Compositions Responsible for Inflammation and Tissue Damage in the Mouse Lung by Coarse and Fine Particulate Samples from Contrasting Air Pollution in Europe. Inhalation Toxicology, 2008, 20, 1215-1231.	1.6	73
126	Acute Pulmonary Effects of Combined Exposure to Carbon Nanotubes and Ozone in Mice. Inhalation Toxicology, 2008, 20, 391-398.	1.6	46
127	Indoor Particles Affect Vascular Function in the Aged. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 419-425.	5.6	218
128	Exposures of Healthy and Asthmatic Volunteers to Concentrated Ambient Ultrafine Particles in Los Angeles. Inhalation Toxicology, 2008, 20, 533-545.	1.6	96

#	Article	IF	CITATIONS
129	Characterization of a long range transport pollution episode affecting PM in SW Spain. Journal of Environmental Monitoring, 2008, 10, 1158.	2.1	15
130	Time Course of Heart Rate Variability Decline Following Particulate Matter Exposures in an Occupational Cohort. Inhalation Toxicology, 2008, 20, 415-422.	1.6	46
131	Expert Judgment Assessment of the Mortality Impact of Changes in Ambient Fine Particulate Matter in the U.S Environmental Science & amp; Technology, 2008, 42, 2268-2274.	10.0	112
132	Climate Impacts of Air Quality Policy: Switching to a Natural Gas-Fueled Public Transportation System in New Delhi. Environmental Science & Technology, 2008, 42, 5860-5865.	10.0	47
133	A Novel Exposure System for the Efficient and Controlled Deposition of Aerosol Particles onto Cell Cultures. Environmental Science & amp; Technology, 2008, 42, 5667-5674.	10.0	83
134	Outdoor and Indoor Respirable Air Particulate Concentrations in Differing Urban Traffic Microenvironments. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 1069-1072.	2.3	9
135	Interannual Variations in PM2.5 due to Wildfires in the Western United States. Environmental Science & Technology, 2008, 42, 2812-2818.	10.0	127
136	Validity of Residential Traffic Intensity as an Estimate of Long-Term Personal Exposure to Traffic-Related Air Pollution among Adults. Environmental Science & Technology, 2008, 42, 1337-1344.	10.0	35
137	Characterization of Aerosols Containing Zn, Pb, and Cl from an Industrial Region of Mexico City. Environmental Science & Technology, 2008, 42, 7091-7097.	10.0	143
138	Laboratory and On-Road Evaluations of Cabin Air Filters Using Number and Surface Area Concentration Monitors. Environmental Science & Technology, 2008, 42, 4128-4132.	10.0	62
139	Health Effects of Atmospheric Particulates: A Medical Geology Perspective. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2008, 26, 1-39.	2.9	12
140	Health Effects of Organic Aerosols. Inhalation Toxicology, 2008, 20, 257-288.	1.6	413
141	Recirculating Air Filtration Significantly Reduces Exposure to Airborne Nanoparticles. Environmental Health Perspectives, 2008, 116, 863-866.	6.0	70
142	Potential Health Risks of Air Pollution Beyond Triggering Acute Cardiopulmonary Events. JAMA - Journal of the American Medical Association, 2008, 299, 2194.	7.4	11
143	A Systematic Review of the Relation Between Long-term Exposure to Ambient Air Pollution and Chronic Diseases. Reviews on Environmental Health, 2008, 23, 243-97.	2.4	291
145	Air pollution and lung function in the European Community Respiratory Health Survey. International Journal of Epidemiology, 2008, 37, 1349-1358.	1.9	35
146	Fine Particulate Matter and Mortality. Epidemiology, 2008, 19, 209-216.	2.7	109
147	Acute Changes in Vascular Function Among Welders Exposed to Metal-Rich Particulate Matter. Epidemiology, 2008, 19, 217-225.	2.7	44

#	Article	IF	CITATIONS
148	Particulate Matter and Daily Mortality. Epidemiology, 2008, 19, 571-580.	2.7	72
149	Are we understanding the respiratory effects of traffic related airborne particles?. Thorax, 2008, 63, 574-576.	5.6	3
150	Environmental Risk Factors for Heart Disease. Reviews on Environmental Health, 2008, 23, 167-202.	2.4	82
151	Particle-Induced Cytokine Responses in Cardiac Cell Cultures—the Effect of Particles versus Soluble Mediators Released by Particle-Exposed Lung Cells. Toxicological Sciences, 2008, 106, 233-241.	3.1	34
152	Trace metal analysis of atmospheric particulate matter: A comparison of personal and ambient samplers. Journal of Environmental Engineering and Science, 2008, 7, 289-298.	0.8	11
153	Coarse Particulate Matter Air Pollution and Hospital Admissions for Cardiovascular and Respiratory Diseases Among Medicare Patients. JAMA - Journal of the American Medical Association, 2008, 299, 2172.	7.4	327
154	Short-term secondhand smoke exposure decreases heart rate variability and increases arrhythmia susceptibility in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H632-H639.	3.2	45
155	Air Pollution Exposure Potentiates Hypertension Through Reactive Oxygen Species-Mediated Activation of Rho/ROCK. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1760-1766.	2.4	198
156	Source Apportionment of One-Hour Semi-Continuous Data Using Positive Matrix Factorization with Total Mass (Nonvolatile plus Semi-Volatile) Measured by the R&P FDMS Monitor. Aerosol Science and Technology, 2008, 42, 28-39.	3.1	12
157	Chronic Particulate Exposure, Mortality, and Coronary Heart Disease in the Nurses' Health Study. American Journal of Epidemiology, 2008, 168, 1161-1168.	3.4	130
158	A panel study in congestive heart failure to estimate the short-term effects from personal factors and environmental conditions on oxygen saturation and pulse rate. Occupational and Environmental Medicine, 2008, 65, 659-666.	2.8	36
159	Reducing ambient levels of fine particulates could substantially improve health: a mortality impact assessment for 26 European cities. Journal of Epidemiology and Community Health, 2008, 62, 98-105.	3.7	98
160	Air Quality Risk Assessment and Management. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 24-39.	2.3	17
161	Update in Occupational and Environmental Respiratory Disease 2007. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 696-700.	5.6	15
162	Comparison between various indices of exposure to traffic-related air pollution and their impact on respiratory health in adults. Occupational and Environmental Medicine, 2008, 65, 683-690.	2.8	90
163	Source Apportionment of Particulate Matter in the U.S. and Associations with Lung Inflammatory Markers. Inhalation Toxicology, 2008, 20, 671-683.	1.6	60
164	Exploring the quality of evidence for complex and contested policy decisions. Environmental Research Letters, 2008, 3, 024008.	5.2	100
165	Infrared spectroscopic methods for the study of aerosol particles using White cell optics: Development and characterization of a new aerosol flow tube. Review of Scientific Instruments, 2008, 79, 124102.	1.3	11

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166	Cardiovascular effects of air pollution. Clinical Science, 2008, 115, 175-187.	4.3	523
167	Coarse Particles From Saharan Dust and Daily Mortality. Epidemiology, 2008, 19, 800-807.	2.7	301
168	Seven year particulate matter air quality assessment from surface and satellite measurements. Atmospheric Chemistry and Physics, 2008, 8, 3311-3324.	4.9	110
169	Fast airborne aerosol size and chemistry measurements above Mexico City and Central Mexico during the MILAGRO campaign. Atmospheric Chemistry and Physics, 2008, 8, 4027-4048.	4.9	411
170	The influence of natural and anthropogenic secondary sources on the glyoxal global distribution. Atmospheric Chemistry and Physics, 2008, 8, 4965-4981.	4.9	174
171	Mode resolved density of atmospheric aerosol particles. Atmospheric Chemistry and Physics, 2008, 8, 5327-5337.	4.9	52
172	Weekly patterns of aerosol in the United States. Atmospheric Chemistry and Physics, 2008, 8, 2729-2739.	4.9	54
173	Rural continental aerosol properties and processes observed during the Hohenpeissenberg Aerosol Characterization Experiment (HAZE2002). Atmospheric Chemistry and Physics, 2008, 8, 603-623.	4.9	49
174	The Relationship Between Diabetes Mellitus and Traffic-Related Air Pollution. Journal of Occupational and Environmental Medicine, 2008, 50, 32-38.	1.7	227
175	An Attributable Risk Model for Exposures Assumed to Cause Both Chronic Disease and its Exacerbations. Epidemiology, 2008, 19, 179-185.	2.7	41
176	Long-Term Effects of Ambient Air Pollution on Lung Function. Epidemiology, 2008, 19, 690-701.	2.7	261
177	Mortality in the Medicare Population and Chronic Exposure to Fine Particulate Air Pollution in Urban Centers (2000–2005). Environmental Health Perspectives, 2008, 116, 1614-1619.	6.0	153
178	Effect of air pollution on diabetes and cardiovascular diseases in São Paulo, Brazil. Brazilian Journal of Medical and Biological Research, 2008, 41, 526-532.	1.5	54
179	Cytotoxicity and reactive oxygen species generation from aggregated carbon and carbonaceous nanoparticulate materials. International Journal of Nanomedicine, 0, , 83.	6.7	19
180	Microstructures and Nanostructures for Environmental Carbon Nanotubes and Nanoparticulate Soots. International Journal of Environmental Research and Public Health, 2008, 5, 321-336.	2.6	21
181	Public Health and Air Pollution in Asia (PAPA): A Multicity Study of Short-Term Effects of Air Pollution on Mortality. Environmental Health Perspectives, 2008, 116, 1195-1202.	6.0	382
182	Cytotoxic Responses and Potential Respiratory Health Effects of Carbon and Carbonaceous Nanoparticulates in the Paso del Norte Airshed Environment. International Journal of Environmental Research and Public Health, 2008, 5, 12-25.	2.6	39
183	How Should Passenger Travel in Mexico City Be Priced?. SSRN Electronic Journal, 0, , .	0.4	5

#	Article	IF	CITATIONS
184	Time-resolved Emission Characteristics of Gasoline Vehicle Particle Number and Size Distributions. , 2008, , .		1
185	Meeting Report: Atmospheric Pollution and Human Reproduction. Environmental Health Perspectives, 2008, 116, 791-798.	6.0	272
186	Acute Effects of Ambient Particulate Matter on Mortality in Europe and North America: Results from the APHENA Study. Environmental Health Perspectives, 2008, 116, 1480-1486.	6.0	331
187	Air Pollution and Postneonatal Infant Mortality in the United States, 1999–2002. Environmental Health Perspectives, 2008, 116, 110-115.	6.0	119
188	Inhaled Asbestos Exacerbates Atherosclerosis in Apolipoprotein E–Deficient Mice via CD4 <sup>+</sup> T Cells. Environmental Health Perspectives, 2008, 116, 1218-1225.	6.0	13
189	Endothelial Dysfunction: Associations with Exposure to Ambient Fine Particles in Diabetic Individuals. Environmental Health Perspectives, 2008, 116, 1666-1674.	6.0	110
191	Environmental Public Health Tracking/Surveillance in Canada: A Commentary. Healthcare Policy, 2009, 4, 37-52.	0.6	7
192	A Review of the Urban Development and Transport Impacts on Public Health with Particular Reference to Australia: Trans-Disciplinary Research Teams and Some Research Gaps. International Journal of Environmental Research and Public Health, 2009, 6, 1557-1596.	2.6	17
193	Particulate Matter (PM) Research Centers (1999–2005) and the Role of Interdisciplinary Center-Based Research. Environmental Health Perspectives, 2009, 117, 167-174.	6.0	17
194	Short-Term Mortality Rates during a Decade of Improved Air Quality in Erfurt, Germany. Environmental Health Perspectives, 2009, 117, 448-454.	6.0	69
195	Chronic Traffic-Induced PM Exposure and Self-Reported Respiratory and Cardiovascular Health in the RHINE Tartu Cohort. International Journal of Environmental Research and Public Health, 2009, 6, 2740-2751.	2.6	11
196	Health Impact of Outdoor Air Pollution in China: Current Knowledge and Future Research Needs. Environmental Health Perspectives, 2009, 117, A187.	6.0	127
197	Diesel Particle Emission Reduction by a Particle Oxidation Catalyst. , 2009, , .		14
198	Using a Continuous Time Lag to Determine the Associations between Ambient PM <sub>2.5</sub> Hourly Levels and Daily Mortality. Journal of the Air and Waste Management Association, 2009, 59, 1173-1185.	1.9	10
199	Air pollution and asthma severity in adults. Occupational and Environmental Medicine, 2009, 66, 182-188.	2.8	30
200	Cardiovascular Mortality and Exposure to Airborne Fine Particulate Matter and Cigarette Smoke. Circulation, 2009, 120, 941-948.	1.6	612
201	Long-Term Ozone Exposure and Mortality. New England Journal of Medicine, 2009, 360, 1085-1095.	27.0	1,202
202	Fine-Particulate Air Pollution and Life Expectancy in the United States. New England Journal of Medicine, 2009, 360, 376-386.	27.0	1,816

#	Δρτιςι ε	IF	CITATIONS
π 203	The relationship of respiratory and cardiovascular hospital admissions to the southern California	2.8	352
	wildfires of 2003. Occupational and Environmental Medicine, 2009, 66, 189-197.		
204	Ambient Air Pollution Exaggerates Adipose Inflammation and Insulin Resistance in a Mouse Model of Diet-Induced Obesity. Circulation, 2009, 119, 538-546.	1.6	608
205	Hospital Admissions and Chemical Composition of Fine Particle Air Pollution. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 1115-1120.	5.6	427
206	Lung function effects of chronic exposure to air pollution. Thorax, 2009, 64, 645-646.	5.6	22
207	Individual exposure to particulate matter and the short-term arrhythmic and autonomic profiles in patients with myocardial infarction. European Heart Journal, 2009, 30, 1614-1620.	2.2	43
208	Fine Particulate Matter Air Pollution, Proximity to Traffic, and Aortic Atherosclerosis. Epidemiology, 2009, 20, 254-264.	2.7	122
209	Using webcam for indoor air quality monitoring. , 2009, , .		0
210	Air Pollution and Life Expectancy. New England Journal of Medicine, 2009, 360, 2032-2034.	27.0	5
211	Ultrafine Particles Deposition Inside Passenger Vehicles. Aerosol Science and Technology, 2009, 43, 544-553.	3.1	41
212	Emergency Admissions for Cardiovascular and Respiratory Diseases and the Chemical Composition of Fine Particle Air Pollution. Environmental Health Perspectives, 2009, 117, 957-963.	6.0	450
213	Exposure to Traffic Pollution and Increased Risk of Rheumatoid Arthritis. Environmental Health Perspectives, 2009, 117, 1065-1069.	6.0	186
214	Chronic Fine and Coarse Particulate Exposure, Mortality, and Coronary Heart Disease in the Nurses' Health Study. Environmental Health Perspectives, 2009, 117, 1697-1701.	6.0	296
215	Central Neuroplasticity and Decreased Heart Rate Variability after Particulate Matter Exposure in Mice. Environmental Health Perspectives, 2009, 117, 1448-1453.	6.0	34
216	Design and Testing of Electrostatic Aerosol <i>In Vitro</i> Exposure System (EAVES): An Alternative Exposure System for Particles. Inhalation Toxicology, 2009, 21, 91-101.	1.6	85
217	Spatial Modeling of PM <sub>10</sub> and NO <sub>2</sub> in the Continental United States, 1985–2000. Environmental Health Perspectives, 2009, 117, 1690-1696.	6.0	66
218	In-Plume Emission Test Stand 2: Emission Factors for 10- to 100-kW U.S. Military Generators. Journal of the Air and Waste Management Association, 2009, 59, 1446-1457.	1.9	17
219	Single-Walled and Multi-Walled Carbon Nanotubes Promote Allergic Immune Responses in Mice. Toxicological Sciences, 2009, 109, 113-123.	3.1	249
220	Intra-Community Variability in Total Particle Number Concentrations in the San Pedro Harbor Area (Los Angeles, California). Aerosol Science and Technology, 2009, 43, 587-603.	3.1	45

#	Article	IF	CITATIONS
221	Inflammation and short-term cardiopulmonary effects of particulate matter. Nanotoxicology, 2009, 3, 27-32.	3.0	7
222	Sources of Asian Haze. Science, 2009, 323, 470-471.	12.6	68
223	In vitro translocation of quantum dots and influence of oxidative stress. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L903-L911.	2.9	22
224	Association of Ambient Ozone Exposure with Airway Inflammation and Allergy in Adults with Asthma. Journal of Asthma, 2009, 46, 777-785.	1.7	30
225	Air pollution and cardiac remodeling: a role for RhoA/Rho-kinase. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1540-H1550.	3.2	109
226	The In-Plume Emission Test Stand: An Instrument Platform for the Real-Time Characterization of Fuel-Based Combustion Emissions. Journal of the Air and Waste Management Association, 2009, 59, 1437-1445.	1.9	13
227	Air Pollution Exposures and Circulating Biomarkers of Effect in a Susceptible Population: Clues to Potential Causal Component mixtures and mechanisms. Environmental Health Perspectives, 2009, 117, 1232-1238.	6.0	260
228	Insights Into the Mechanisms and Mediators of the Effects of Air Pollution Exposure on Blood Pressure and Vascular Function in Healthy Humans. Hypertension, 2009, 54, 659-667.	2.7	409
229	Could Dirty Air Cause Diabetes?. Circulation, 2009, 119, 492-494.	1.6	33
230	Climate change and respiratory disease: European Respiratory Society position statement. European Respiratory Journal, 2009, 34, 295-302.	6.7	145
231	Environmental movements, waste and waste infrastructure: an introduction. Environmental Politics, 2009, 18, 817-834.	5.4	49
232	The Expanding Role of Air Pollution in Cardiovascular Disease. Circulation, 2009, 119, 3050-3052.	1.6	16
233	Comparison of the Effect of Biodiesel-Diesel and Ethanol-Diesel on the Particulate Emissions of a Direct Injection Diesel Engine. Aerosol Science and Technology, 2009, 43, 455-465.	3.1	53
234	Liquid flame spray for generating metal and metal oxide nanoparticle test aerosol. Human and Experimental Toxicology, 2009, 28, 421-431.	2.2	14
235	High resolution modeling of the effects of alternative fuels use on urban air quality: Introduction of natural gas vehicles in Barcelona and Madrid Greater Areas (Spain). Science of the Total Environment, 2009, 407, 776-790.	8.0	15
236	Exposure assessment of a cyclist to PM10 and ultrafine particles. Science of the Total Environment, 2009, 407, 1286-1298.	8.0	94
237	Driver and passenger exposure to aerosol particles in buses and trams in Helsinki, Finland. Science of the Total Environment, 2009, 407, 2860-2867.	8.0	46
238	Emissions variation in urban areas resulting from the introduction of natural gas vehicles: Application to Barcelona and Madrid Greater Areas (Spain). Science of the Total Environment, 2009, 407, 3269-3281.	8.0	18

			2
#	ARTICLE	IF	CITATIONS
239	Decision support system for the evaluation of urban air pollution control options: Application for particulate pollution in Thessaloniki, Greece. Science of the Total Environment, 2009, 407, 5937-5948.	8.0	64
240	A GIS-based method for modelling air pollution exposures across Europe. Science of the Total Environment, 2009, 408, 255-266.	8.0	74
241	Satellite Remote Sensing and Mesoscale Modeling of the 2007 Georgia/Florida Fires. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 163-175.	4.9	18
242	Estimating Particle Sulfate Concentrations Using MISR Retrieved Aerosol Properties. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2009, 2, 176-184.	4.9	26
243	Air pollution and mortality: A history. Atmospheric Environment, 2009, 43, 142-152.	4.1	156
244	Comparative study of measured and modelled number concentrations ofÂnanoparticles in an urban street canyon. Atmospheric Environment, 2009, 43, 949-958.	4.1	75
245	PM10 regional transport pathways in Thessaloniki, Greece. Atmospheric Environment, 2009, 43, 1079-1085.	4.1	40
246	Confronting environmental pressure, environmental quality and human health impact indicators of priority air emissions. Atmospheric Environment, 2009, 43, 1613-1621.	4.1	29
247	The Denver Aerosol Sources and Health (DASH) study: Overview and early findings. Atmospheric Environment, 2009, 43, 1666-1673.	4.1	47
248	The sensitivity of the CHIMERE model to emissions reduction scenarios on air quality in Northern Italy. Atmospheric Environment, 2009, 43, 1897-1907.	4.1	51
249	Natural and anthropogenic environmental nanoparticulates: Their microstructural characterization and respiratory health implications. Atmospheric Environment, 2009, 43, 2683-2692.	4.1	91
250	Population exposure and mortality due to regional background PM in Europe – Long-term simulations of source region and shipping contributions. Atmospheric Environment, 2009, 43, 3614-3620.	4.1	83
251	Predicting black smoke levels from deposit gauge and SO2 data to estimate long-term exposure in the United Kingdom, 1956–1961. Atmospheric Environment, 2009, 43, 3356-3363.	4.1	4
252	Aryl hydrocarbon receptor-mediated activity of atmospheric particulate matter from an urban and a rural site in Switzerland. Atmospheric Environment, 2009, 43, 3556-3562.	4.1	30
253	Evaluating inter-continental transport of fine aerosols:(2) Global health impact. Atmospheric Environment, 2009, 43, 4339-4347.	4.1	86
254	Spatio-temporal covariation of urban particle number concentration and ambient noise. Atmospheric Environment, 2009, 43, 5518-5525.	4.1	51
255	Perceptions of air pollution during the work-related commute by adults in Queensland, Australia. Atmospheric Environment, 2009, 43, 5791-5795.	4.1	65
256	Characterization of atmospheric aerosols by SEM in a rural area in the western part of México and its relation with different pollution sources. Atmospheric Environment, 2009, 43, 6159-6167.	4.1	44

ARTICLE IF CITATIONS # Estimating the health and economic benefits associated with reducing air pollution in the Barcelona 257 1.5 51 metropolitan area (Spain). Gaceta Sanitaria, 2009, 23, 287-294. Personal PM10 exposure in asthmatic adults in Padova, Italy: seasonal variability and factors affecting individual concentrations of particulate matter. International Journal of Hygiene and Environmental 4.3 Health, 2009, 212, 626-636. Do current levels of air pollution kill? The impact of air pollution on population mortality in 259 1.7 67 England. Health Economics (United Kingdom), 2009, 18, 1031-1055. Modelling of nitrogen dioxide (NO<sub>2</sub>) and fine particulate matter (PM<sub>10</sub>) air 260 pollution in the metropolitan areas of Barcelona and Bilbao, Spain. Environmetrics, 2009, 20, 477-493. Ecohydrology as a basis for the sustainable city strategic planning: focus on Lodz, Poland. Reviews in 261 8.1 38 Environmental Science and Biotechnology, 2009, 8, 209-217. Air quality of Prague: traffic as a main pollution source. Environmental Monitoring and Assessment, 2009, 156, 377-390. Integrated Ambient and Microenvironment Model for Estimation of PM10 Exposures of Children in 263 2.2 10 Annual and Episode Settings. Environmental Modeling and Assessment, 2009, 14, 419-429. Review of the applications of Multiangle Imaging SpectroRadiometer to air quality research. Science in China Series D: Earth Sciences, 2009, 52, 132-144. 264 20 Elemental content of aerosol particles in an underground tram station. X-Ray Spectrometry, 2009, 38, 265 1.4 5 322-326. Expert elicitation on ultrafine particles: likelihood of health effects and causal pathways. Particle 6.2 153 and Fibre Toxicology, 2009, 6, 19. Particulate matter and atherosclerosis: role of particle size, composition and oxidative stress. 267 328 6.2 Particle and Fibre Toxicology, 2009, 6, 24. Health effects of residential wood smoke particles: the importance of combustion conditions and 6.2 physicochemical particle properties. Particle and Fibre Toxicology, 2009, 6, 29. Synergistic effect of co-exposure to carbon black and Fe2O3 nanoparticles on oxidative stress in 269 6.2 71 cultured lung epithelial cells. Particle and Fibre Toxicology, 2009, 6, 4. Biodistribution of gold nanoparticles in mouse lung following intratracheal instillation. Chemistry 270 2.6 133 Central Journal, 2009, 3, 16. Population exposure to fine particles and estimated excess mortality in Finland from an East European 271 3.9 67 wildfire episode. Journal of Exposure Science and Environmental Epidemiology, 2009, 19, 414-422. Exposure levels of particulate matter in long-distance buses in Taiwan. Indoor Air, 2009, 19, 234-242. 23 The effects of indoor particles on blood pressure and heart rate among young adults in Taipei, Taiwan. 274 4.3 39 Indoor Air, 2009, 19, 482-488. Pulmonary and systemic response to atmospheric pollution. Respirology, 2009, 14, 336-346. 2.3

#	Article	IF	CITATIONS
276	A Bayesian Hierarchical Distributed Lag Model for Estimating the Time Course of Risk of Hospitalization Associated with Particulate Matter Air Pollution. Journal of the Royal Statistical Society Series C: Applied Statistics, 2009, 58, 3-24.	1.0	19
277	Evaluating Efficiencyâ€Equality Tradeoffs for Mobile Source Control Strategies in an Urban Area. Risk Analysis, 2009, 29, 34-47.	2.7	40
278	Determination of direct and fugitive PM emissions in a Mediterranean harbour by means of classic and novel tracer methods. Journal of Environmental Management, 2009, 91, 133-141.	7.8	20
279	Aerosol light absorption and its measurement: A review. Journal of Quantitative Spectroscopy and Radiative Transfer, 2009, 110, 844-878.	2.3	675
280	Gas-phase cleanup method for analysis of trace atmospheric semivolatile organic compounds by thermal desorption from diffusion denuders. Journal of Chromatography A, 2009, 1216, 5940-5948.	3.7	6
281	A dynamic activity-based population modelling approach to evaluate exposure to air pollution: Methods and application to a Dutch urban area. Environmental Impact Assessment Review, 2009, 29, 179-185.	9.2	112
282	Development of a particle number and particle mass vehicle emissions inventory for an urban fleet. Environmental Modelling and Software, 2009, 24, 1323-1331.	4.5	40
283	Exposure of children to airborne particulate matter of different size fractions during indoor physical education at school. Building and Environment, 2009, 44, 1246-1252.	6.9	79
284	The relationship between building characteristics and the chemical composition of surface films found on glass windows in Brisbane, Australia, Building and Environment, 2009, 44, 2228-2235	6.9	19
285	Reactions at surfaces in the atmosphere: integration of experiments and theory as necessary (but not) Tj ETQq1 Physics, 2009, 11, 7760.	1 0.78431 2.8	4 rgBT /Over 217
285 286	Reactions at surfaces in the atmosphere: integration of experiments and theory as necessary (but not) Tj ETQq1 Physics, 2009, 11, 7760. Simulating the Formation of Semivolatile Primary and Secondary Organic Aerosol in a Regional Chemical Transport Model. Environmental Science & amp; Technology, 2009, 43, 4722-4728.	1 0.78431 2.8 10.0	4 rgBT /Over 217 212
285 286 287	Reactions at surfaces in the atmosphere: integration of experiments and theory as necessary (but not) Tj ETQq1 Physics, 2009, 11, 7760. Simulating the Formation of Semivolatile Primary and Secondary Organic Aerosol in a Regional Chemical Transport Model. Environmental Science & amp; Technology, 2009, 43, 4722-4728. Modifications to the Sunset Laboratory Carbon Aerosol Monitor for the Simultaneous Measurement of PM2.5 Nonvolatile and Semi-Volatile Carbonaceous Material. Journal of the Air and Waste Management Association, 2009, 59, 1007-1017.	1 0.78431 2.8 10.0 1.9	4 rgBT /Over 217 212 10
285 286 287 288	Reactions at surfaces in the atmosphere: integration of experiments and theory as necessary (but not) Tj ETQq1         Physics, 2009, 11, 7760.         Simulating the Formation of Semivolatile Primary and Secondary Organic Aerosol in a Regional Chemical Transport Model. Environmental Science & amp; Technology, 2009, 43, 4722-4728.         Modifications to the Sunset Laboratory Carbon Aerosol Monitor for the Simultaneous Measurement of PM2.5 Nonvolatile and Semi-Volatile Carbonaceous Material. Journal of the Air and Waste Management Association, 2009, 59, 1007-1017.         Size Fractionate Particulate Matter, Vehicle Traffic, and Case-Specific Daily Mortality in Barcelona, Spain. Environmental Science & amp; Technology, 2009, 43, 4707-4714.	1 0.78431 2.8 10.0 1.9 10.0	4 rgBT /Over 217 212 10 130
285 286 287 288	Reactions at surfaces in the atmosphere: integration of experiments and theory as necessary (but not) Tj ETQq1         Physics, 2009, 11, 7760.         Simulating the Formation of Semivolatile Primary and Secondary Organic Aerosol in a Regional         Chemical Transport Model. Environmental Science & amp; Technology, 2009, 43, 4722-4728.         Modifications to the Sunset Laboratory Carbon Aerosol Monitor for the Simultaneous Measurement of PM2.5 Nonvolatile and Semi-Volatile Carbonaceous Material. Journal of the Air and Waste Management Association, 2009, 59, 1007-1017.         Size Fractionate Particulate Matter, Vehicle Traffic, and Case-Specific Daily Mortality in Barcelona, Spain. Environmental Science & amp; Technology, 2009, 43, 4707-4714.         Intake Fraction of Urban Wood Smoke. Environmental Science & amp; Technology, 2009, 43, 4701-4706.	1 0.78431 2.8 10.0 1.9 10.0 10.0	4 rgBT /Over 217 212 10 130 39
285 286 287 288 288	Reactions at surfaces in the atmosphere: integration of experiments and theory as necessary (but not) Tj ETQq1         Physics, 2009, 11, 7760.         Simulating the Formation of Semivolatile Primary and Secondary Organic Aerosol in a Regional Chemical Transport Model. Environmental Science & amp; Technology, 2009, 43, 4722-4728.         Modifications to the Sunset Laboratory Carbon Aerosol Monitor for the Simultaneous Measurement of PM2.5 Nonvolatile and Semi-Volatile Carbonaceous Material. Journal of the Air and Waste Management Association, 2009, 59, 1007-1017.         Size Fractionate Particulate Matter, Vehicle Traffic, and Case-Specific Daily Mortality in Barcelona, Spain. Environmental Science & amp; Technology, 2009, 43, 4707-4714.         Intake Fraction of Urban Wood Smoke. Environmental Science & amp; Technology, 2009, 43, 4687-4693.	l 0.78431 2.8 10.0 1.9 10.0 10.0	4 rgBT /Over 212 10 130 39 106
285 286 287 288 289 289 290	Reactions at surfaces in the atmosphere: integration of experiments and theory as necessary (but not) Tj ETQq1         Physics, 2009, 11, 7760.         Simulating the Formation of Semivolatile Primary and Secondary Organic Aerosol in a Regional Chemical Transport Model. Environmental Science & amp; Technology, 2009, 43, 4722-4728.         Modifications to the Sunset Laboratory Carbon Aerosol Monitor for the Simultaneous Measurement of PM2.5 Nonvolatile and Semi-Volatile Carbonaceous Material. Journal of the Air and Waste Management Association, 2009, 59, 1007-1017.         Size Fractionate Particulate Matter, Vehicle Traffic, and Case-Specific Daily Mortality in Barcelona, Spain. Environmental Science & amp; Technology, 2009, 43, 4707-4714.         Intake Fraction of Urban Wood Smoke. Environmental Science & amp; Technology, 2009, 43, 4701-4706.         Approach to Estimating Participant Pollutant Exposures in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). Environmental Science & amp; Technology, 2009, 43, 4687-4693.         Chemical Characteristics and Oxidative Potential of Particulate Matter Emissions from Gasoline, Diesel, and Biodiesel Cars. Environmental Science & amp; Technology, 2009, 43, 4634-6340.	l 0.78431 2.8 10.0 1.9 10.0 10.0 10.0	4 rgBT /Over 212 10 130 39 106 167
285 286 287 288 289 289 290	Reactions at surfaces in the atmosphere: integration of experiments and theory as necessary (but not) TJ ETQq1 Physics, 2009, 11, 7760. Simulating the Formation of Semivolatile Primary and Secondary Organic Aerosol in a Regional Chemical Transport Model. Environmental Science & amp; Technology, 2009, 43, 4722-4728. Modifications to the Sunset Laboratory Carbon Aerosol Monitor for the Simultaneous Measurement of PM2.5 Nonvolatile and Semi-Volatile Carbonaceous Material. Journal of the Air and Waste Management Association, 2009, 59, 1007-1017. Size Fractionate Particulate Matter, Vehicle Traffic, and Case-Specific Daily Mortality in Barcelona, Spain. Environmental Science & amp; Technology, 2009, 43, 4707-4714. Intake Fraction of Urban Wood Smoke. Environmental Science & amp; Technology, 2009, 43, 4701-4706. Approach to Estimating Participant Pollutant Exposures in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). Environmental Science & amp; Technology, 2009, 43, 6837-4693. Chemical Characteristics and Oxidative Potential of Particulate Matter Emissions from Gasoline, Diesel, and Biodiesel Cars. Environmental Science & amp; Technology, 2009, 43, 6334-6340. DNA damage response of A549 cells treated with particulate matter (PM 10 ) of urban air pollutants. Cancer Letters, 2009, 278, 192-200.	l 0.78431 2.8 10.0 1.9 10.0 10.0 10.0 7.2	4 rgBT /Over 212 10 130 39 106 167 80

#	Article	IF	CITATIONS
294	Endothelial effects of emission source particles: Acute toxic response gene expression profiles. Toxicology in Vitro, 2009, 23, 67-77.	2.4	22
295	Experimental study on particulate emission of a diesel engine fueled with blended ethanol–dodecanol–diesel. Journal of Aerosol Science, 2009, 40, 101-112.	3.8	63
296	Neurobehavioral effects of ambient air pollution on cognitive performance in US adults. NeuroToxicology, 2009, 30, 231-239.	3.0	253
297	Impact of patient visiting activities on indoor climate in a medical intensive care unit: A 1-year longitudinal study. American Journal of Infection Control, 2009, 37, 183-188.	2.3	32
298	Aerosol light absorption, black carbon, and elemental carbon at the Fresno Supersite, California. Atmospheric Research, 2009, 93, 874-887.	4.1	123
299	Black carbon relationships with emissions and meteorology in Xi'an, China. Atmospheric Research, 2009, 94, 194-202.	4.1	172
300	Review of solutions to global warming, air pollution, and energy security. Energy and Environmental Science, 2009, 2, 148-173.	30.8	1,389
301	Assessing the distribution of volatile organic compounds using land use regression in Sarnia, "Chemical Valley", Ontario, Canada. Environmental Health, 2009, 8, 16.	4.0	20
302	Air pollution and emergency department visits for cardiac and respiratory conditions: a multi-city time-series analysis. Environmental Health, 2009, 8, 25.	4.0	218
303	Surveillance of the short-term impact of fine particle air pollution on cardiovascular disease hospitalizations in New York State. Environmental Health, 2009, 8, 42.	4.0	51
304	Health impact assessment of particulate pollution in Tallinn using fine spatial resolution and modeling techniques. Environmental Health, 2009, 8, 7.	4.0	34
305	Oxidative Potential of Semi-Volatile and Non Volatile Particulate Matter (PM) from Heavy-Duty Vehicles Retrofitted with Emission Control Technologies. Environmental Science & Technology, 2009, 43, 3905-3912.	10.0	151
306	Multi-criteria ranking and source apportionment of fine particulate matter in Brisbane, Australia. Environmental Chemistry, 2009, 6, 398.	1.5	12
307	Experimentally Determined Human Respiratory Tract Deposition of Airborne Particles at a Busy Street. Environmental Science & Technology, 2009, 43, 4659-4664.	10.0	88
308	Association of Ambient Ozone Exposure with Airway Inflammation and Allergy in Adults with Asthma. Journal of Asthma, 2009, 46, 777-785.	1.7	47
309	Particulate air pollution, coronary heart disease and individual risk assessment: a general overview. European Journal of Cardiovascular Prevention and Rehabilitation, 2009, 16, 10-15.	2.8	23
310	Effect of diesel exhaust inhalation on antioxidant and oxidative stress responses in adults with metabolic syndrome. Inhalation Toxicology, 2009, 21, 1061-1067.	1.6	30
311	Climate change and health costs of air emissions from biofuels and gasoline. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2077-2082.	7.1	279

#	Article	IF	CITATIONS
312	Health impact assessment in case of biofuel peat – Co-use of environmental scenarios and exposure-response functions. Biomass and Bioenergy, 2009, 33, 1080-1086.	5.7	8
313	Particulate matter, air pollution, and blood pressure. Journal of the American Society of Hypertension, 2009, 3, 332-350.	2.3	250
314	Aerosol size distribution modeling with the Community Multiscale Air Quality modeling system in the Pacific Northwest: 1. Model comparison to observations. Journal of Geophysical Research, 2009, 114, .	3.3	24
315	Impact of Ambient Air Pollution on Public Health under Various Traffic Policies in Shanghai, China. Biomedical and Environmental Sciences, 2009, 22, 210-215.	0.2	23
317	Estimation of health risks and safety margins due to inhalation of ultrafine particles and nanoparticles in selected occupational, consumer and environmental settings. Journal of Physics: Conference Series, 2009, 170, 012031.	0.4	2
318	GIS-based models for ambient PM exposure and health impact assessment for the UK. Journal of Physics: Conference Series, 2009, 151, 012002.	0.4	2
319	Determination of particle concentration in the air using a digital SLR camera. , 2009, , .		0
320	Particulate Air Pollution and Acute Cardiorespiratory Hospital Admissions and Mortality Among the Elderly. Epidemiology, 2009, 20, 143-153.	2.7	201
321	Indoor concentrations of fine particles and particle-bound PAHs in Gothenburg, Sweden. Journal of Physics: Conference Series, 2009, 151, 012006.	0.4	4
322	A study of atmospheric particulate matter in a city of the central region of Brazil using time-series analysis. International Journal of Environmental Engineering, 2009, 1, 80.	0.1	8
323	Air quality interventions and spatial dynamics of air pollution in Delhi and its surroundings. International Journal of Environment and Waste Management, 2009, 4, 85.	0.3	38
324	Air quality assessment in Bologna by an urban dispersion model. International Journal of Environment and Waste Management, 2009, 4, 112.	0.3	1
325	Cleaner transport technology most efficient to ensure compliance with 2010 NO <sub align=right&gt;2 limit values in Copenhagen, Denmark. International Journal of Environment and Waste Management, 2009, 4, 179.</sub 	0.3	4
326	Temporal and spatial variability of glyoxal as observed from space. Atmospheric Chemistry and Physics, 2009, 9, 4485-4504.	4.9	108
327	Relationships between size-fractionated indoor and outdoor trace elements at four retirement communities in southern California. Atmospheric Chemistry and Physics, 2009, 9, 4521-4536.	4.9	34
328	Modeling organic aerosols during MILACRO: importance of biogenic secondary organic aerosols. Atmospheric Chemistry and Physics, 2009, 9, 6949-6981.	4.9	119
329	Elemental content of PM <sub>2.5</sub> aerosol particles collected in Göteborg during the Göte-2005 campaign in February 2005. Atmospheric Chemistry and Physics, 2009, 9, 2597-2606.	4.9	16
330	The formation, properties and impact of secondary organic aerosol: current and emerging issues. Atmospheric Chemistry and Physics, 2009, 9, 5155-5236.	4.9	3,486

#	Article	IF	CITATIONS
331	Introduction: European Integrated Project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) – integrating aerosol research from nano to global scales. Atmospheric Chemistry and Physics, 2009, 9, 2825-2841.	4.9	196
332	Variability in regional background aerosols within the Mediterranean. Atmospheric Chemistry and Physics, 2009, 9, 4575-4591.	4.9	210
333	Mexico City aerosol analysis during MILAGRO using high resolution aerosol mass spectrometry at the urban supersite (TO) – Part 1: Fine particle composition and organic source apportionment. Atmospheric Chemistry and Physics, 2009, 9, 6633-6653.	4.9	525
334	Source apportionment of fine organic aerosols in Beijing. Atmospheric Chemistry and Physics, 2009, 9, 8573-8585.	4.9	97
335	Energy and Public Health: The Challenge of Peak Petroleum. Public Health Reports, 2009, 124, 5-19.	2.5	64
336	African dust influence on ambient PM levels in South-Western Europe (Spain and Portugal): A quantitative approach to support implementation of Air Quality Directives. IOP Conference Series: Earth and Environmental Science, 2009, 7, 012018.	0.3	2
337	Associations of Primary and Secondary Organic Aerosols With Airway and Systemic Inflammation in an Elderly Panel Cohort. Epidemiology, 2010, 21, 892-902.	2.7	160
338	Retrospective Mortality Study Among Employees Occupationally Exposed to Toner. Journal of Occupational and Environmental Medicine, 2010, 52, 1035-1041.	1.7	10
339	Prenatal Exposure to Fine Particulate Matter and Birth Weight. Epidemiology, 2010, 21, 884-891.	2.7	212
340	Air pollution and the triggering of cardiac arrhythmias. Current Opinion in Cardiology, 2010, 25, 16-22.	1.8	78
341	Urban Ambient Particle Metrics and Health. Epidemiology, 2010, 21, 501-511.	2.7	300
342	Effects of Bushfire Smoke on Daily Mortality and Hospital Admissions in Sydney, Australia. Epidemiology, 2010, 21, 47-55.	2.7	206
343	Traffic-related Air Pollution and Blood Pressure in Elderly Subjects With Coronary Artery Disease. Epidemiology, 2010, 21, 396-404.	2.7	165
344	Air Pollution and Activation of Implantable Cardioverter Defibrillators in London. Epidemiology, 2010, 21, 405-413.	2.7	44
345	Effect of Air Pollution on Blood Pressure, Blood Lipids, and Blood Sugar: A Population-Based Approach. Journal of Occupational and Environmental Medicine, 2010, 52, 258-262.	1.7	147
346	Impact of Fine and Ultrafine Particles on Emergency Hospital Admissions for Cardiac and Respiratory Diseases. Epidemiology, 2010, 21, 414-423.	2.7	173
347	Outdoor Air Pollution as a Trigger for Out-of-hospital Cardiac Arrests. Epidemiology, 2010, 21, 494-500.	2.7	79
	Changes in Residential Provimity to Road Traffic and the Risk of Death From Coronary Heart Disease		

#	Article	IF	CITATIONS
349	Air pollution and hospital admissions for respiratory diseases in the subequatorial Amazon: a time series approach. Cadernos De Saude Publica, 2010, 26, 747-761.	1.0	62
350	Ultrafine particle apportionment and exposure assessment in respect of linear and point sources. Atmospheric Pollution Research, 2010, 1, 36-43.	3.8	10
351	A GIS based anthropogenic PM10 emission inventory for Greece. Atmospheric Pollution Research, 2010, 1, 71-81.	3.8	42
352	Operational Street Pollution Model (OSPM) - a review of performed application and validation studies, and future prospects. Environmental Chemistry, 2010, 7, 485.	1.5	85
353	Characterization and Cytotoxic Assessment of Ballistic Aerosol Particulates for Tungsten Alloy Penetrators into Steel Target Plates. International Journal of Environmental Research and Public Health, 2010, 7, 3313-3331.	2.6	14
354	Estimation of Health Impacts due to PM10 in Major Indian Cities. , 2010, , 297-310.		2
355	Cellular Mechanisms behind Particulate Matter Air Pollution–Related Health Effects. , 2010, , 249-274.		7
356	Recent Developments in the Mass Spectrometry of Atmospheric Aerosols. European Journal of Mass Spectrometry, 2010, 16, 389-395.	1.0	10
358	Inter-comparison of predicted population exposure distributions during four selected episodes in Helsinki and evaluation against measured data. International Journal of Environment and Pollution, 2010, 40, 248.	0.2	0
359	Impact of aftertreatment devices on primary emissions and secondary organic aerosol formation potential from in-use diesel vehicles: results from smog chamber experiments. Atmospheric Chemistry and Physics, 2010, 10, 11545-11563.	4.9	178
360	Simultaneous factor analysis of organic particle and gas mass spectra: AMS and PTR-MS measurements at an urban site. Atmospheric Chemistry and Physics, 2010, 10, 1969-1988.	4.9	90
361	An overview of the MILAGRO 2006 Campaign: Mexico City emissions and their transport and transformation. Atmospheric Chemistry and Physics, 2010, 10, 8697-8760.	4.9	349
362	Investigation of the correlation between odd oxygen and secondary organic aerosol in Mexico City and Houston. Atmospheric Chemistry and Physics, 2010, 10, 8947-8968.	4.9	107
363	Inter-community variability in total particle number concentrations in the eastern Los Angeles air basin. Atmospheric Chemistry and Physics, 2010, 10, 11385-11399.	4.9	33
364	Temperature effect on physical and chemical properties of secondary organic aerosol from <i>m</i> -xylene photooxidation. Atmospheric Chemistry and Physics, 2010, 10, 3847-3854.	4.9	33
365	Aged organic aerosol in the Eastern Mediterranean: the Finokalia Aerosol Measurement Experiment – 2008. Atmospheric Chemistry and Physics, 2010, 10, 4167-4186.	4.9	132
366	Particle number size distributions in urban air before and after volatilisation. Atmospheric Chemistry and Physics, 2010, 10, 4643-4660.	4.9	64
367	Quantitative estimates of the volatility of ambient organic aerosol. Atmospheric Chemistry and Physics, 2010, 10, 5409-5424.	4.9	233

#	Article	IF	CITATIONS
368	Contributions from transport, solid fuel burning and cooking to primary organic aerosols in two UK cities. Atmospheric Chemistry and Physics, 2010, 10, 647-668.	4.9	366
369	Seasonal variation and spatial distribution of carbonaceous aerosols in Taiwan. Atmospheric Chemistry and Physics, 2010, 10, 9563-9578.	4.9	62
370	Particle size distributions from laboratory-scale biomass fires using fast response instruments. Atmospheric Chemistry and Physics, 2010, 10, 8065-8076.	4.9	86
371	Aerosol properties associated with air masses arriving into the North East Atlantic during the 2008 Mace Head EUCAARI intensive observing period: an overview. Atmospheric Chemistry and Physics, 2010, 10, 8413-8435.	4.9	61
372	Impact of Manaus City on the Amazon Green Ocean atmosphere: ozone production, precursor sensitivity and aerosol load. Atmospheric Chemistry and Physics, 2010, 10, 9251-9282.	4.9	103
373	Aerosol exposure versus aerosol cooling of climate: what is the optimal emission reduction strategy for human health?. Atmospheric Chemistry and Physics, 2010, 10, 9441-9449.	4.9	30
374	Trueness, precision, and detectability for sampling and analysis of organic species in airborne particulate matter. Analytical and Bioanalytical Chemistry, 2010, 397, 2451-2463.	3.7	6
375	Presence of the Most Abundant Ionic Species and Their Contribution to PM2.5 Mass, in the City of Guadalajara, Jalisco (Mexico). Bulletin of Environmental Contamination and Toxicology, 2010, 85, 632-637.	2.7	1
376	Health co-benefits of climate mitigation in urban areas. Current Opinion in Environmental Sustainability, 2010, 2, 172-177.	6.3	48
377	Towards new methods and ways to create healthy and comfortable buildings. Building and Environment, 2010, 45, 808-818.	6.9	120
378	Trace elements in PM2.5 in Gothenburg, Sweden. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2010, 65, 478-482.	2.9	16
379	Climate Change and Health Research in the Eastern Mediterranean Region. EcoHealth, 2010, 7, 156-175.	2.0	21
380	Detection of radical species formed by the ozonolysis of α-pinene. Journal of Atmospheric Chemistry, 2010, 66, 137-155.	3.2	16
381	Occupational and consumer risk estimates for nanoparticles emitted by laser printers. Journal of Nanoparticle Research, 2010, 12, 91-99.	1.9	28
382	Vehicle-derived emissions and pollution on the road autovia 2 investigated by rock-magnetic parameters: A case study from Argentina. Studia Geophysica Et Geodaetica, 2010, 54, 135-152.	0.5	27
383	Magnetic studies and scanning electron microscopy — X-ray energy dispersive spectroscopy analyses of road sediments, soils and vehicle-derived emissions. Studia Geophysica Et Geodaetica, 2010, 54, 633-650.	0.5	42
384	lonic species associated with PM2.5 in the City of Guadalajara, México during 2007. Environmental Monitoring and Assessment, 2010, 161, 281-293.	2.7	10
385	Urban and suburban aerosol in Yokohama, Japan: a comprehensive chemical characterization. Environmental Monitoring and Assessment, 2010, 171, 441-456.	2.7	11

#	Article	IF	CITATIONS
386	Access, Visualization, and Interoperability of Air Quality Remote Sensing Data Sets via the Giovanni Online Tool. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2010, 3, 359-370.	4.9	26
387	Maternal fine particulate matter exposure, polymorphism in xenobiotic-metabolizing genes and offspring birth weight. Reproductive Toxicology, 2010, 30, 600-612.	2.9	19
388	Air Pollution and Human Health: From Local to Global Issues. Procedia, Social and Behavioral Sciences, 2010, 2, 6661-6669.	0.5	20
389	Levels, chemical composition and sources of fine aerosol particles (PM1) in an area of the Mediterranean basin. Science of the Total Environment, 2010, 408, 884-895.	8.0	52
390	Elemental composition and oxidative properties of PM2.5 in Estonia in relation to origin of air masses — results from the ECRHS II in Tartu. Science of the Total Environment, 2010, 408, 1515-1522.	8.0	16
391	Comparison of short-term exposure to particle number, PM10 and soot concentrations on three (sub) urban locations. Science of the Total Environment, 2010, 408, 4403-4411.	8.0	48
392	Damage costs produced by electric power plants. Science of the Total Environment, 2010, 408, 4511-4523.	8.0	9
393	Face mask application as a tool to diminish the particulate matter mediated heavy metal exposure among citizens of Lucknow, India. Science of the Total Environment, 2010, 408, 5723-5728.	8.0	12
394	Ambient air pollution and daily mortality in Anshan, China: A time-stratified case-crossover analysis. Science of the Total Environment, 2010, 408, 6086-6091.	8.0	70
395	Size distribution of airborne particles controls outcome of epidemiological studies. Science of the Total Environment, 2010, 409, 289-293.	8.0	41
396	Exposure to acrolein by inhalation causes platelet activation. Toxicology and Applied Pharmacology, 2010, 248, 100-110.	2.8	74
397	Cumulative exposure to air pollution and long term outcomes after first acute myocardial infarction: A population-based cohort study. Objectives and methodology. BMC Public Health, 2010, 10, 369.	2.9	7
398	Ambient air pollution exposure and full-term birth weight in California. Environmental Health, 2010, 9, 44.	4.0	148
399	Appraisal of measurement methods, chemical composition and sources of fine atmospheric particles over six different areas of Northern Belgium. Environmental Pollution, 2010, 158, 3421-3430.	7.5	24
400	Air pollution, health and economic benefits—Lessons from 20years of analysis. Ecological Economics, 2010, 69, 2590-2597.	5.7	27
401	Temporal patterns in daily measurements of inorganic and organic speciated PM2.5 in Denver. Atmospheric Environment, 2010, 44, 987-998.	4.1	25
402	Experimental investigation of particulate emissions from a diesel engine fueled with ultralow-sulfur diesel fuel blended with diglyme. Atmospheric Environment, 2010, 44, 55-63.	4.1	54
403	Measurements of ultrafine particles and other vehicular pollutants inside school buses in South Texas. Atmospheric Environment, 2010, 44, 253-261.	4.1	69

#	Article	IF	CITATIONS
404	Why ozonolysis may not increase the hydrophilicity of particles. Atmospheric Environment, 2010, 44, 939-944.	4.1	20
405	Uncertainty in health risks due to anthropogenic primary fine particulate matter from different source types in Finland. Atmospheric Environment, 2010, 44, 2125-2132.	4.1	24
406	Quantifying the sources of hazardous elements of suspended particulate matter aerosol collected in Yokohama, Japan. Atmospheric Environment, 2010, 44, 2646-2657.	4.1	77
407	Air pollution impacts of speed limitation measures in large cities: The need for improving traffic data in a metropolitan area. Atmospheric Environment, 2010, 44, 2997-3006.	4.1	50
408	Can secondary organic aerosol formed in an atmospheric simulation chamber continuously age?. Atmospheric Environment, 2010, 44, 2990-2996.	4.1	36
409	A new methodology development for the regulatory forecasting of PM10. Application in the Greater Athens Area, Greece. Atmospheric Environment, 2010, 44, 3159-3172.	4.1	22
410	Development of a composite line source emission model for traffic interrupted microenvironments and its application in particle number emissions at a bus station. Atmospheric Environment, 2010, 44, 3269-3277.	4.1	17
411	A land use regression model for predicting ambient volatile organic compound concentrations in Toronto, Canada. Atmospheric Environment, 2010, 44, 3529-3537.	4.1	47
412	Seasonal and spatial trends in the sources of fine particle organic carbon in Israel, Jordan, and Palestine. Atmospheric Environment, 2010, 44, 3669-3678.	4.1	29
413	Exposure to particle number, surface area and PM concentrations in pizzerias. Atmospheric Environment, 2010, 44, 3963-3969.	4.1	83
414	Experimental and statistical analyses to characterize in-vehicle fine particulate matter behavior inside public transit buses operating on B20-grade biodiesel fuel. Atmospheric Environment, 2010, 44, 4209-4218.	4.1	13
415	Estimation and characterization of children's ambient generated exposure to PM2.5 using sulphate and elemental carbon as tracers. Atmospheric Environment, 2010, 44, 4629-4637.	4.1	17
416	Comparison of the performances of land use regression modelling and dispersion modelling in estimating small-scale variations in long-term air pollution concentrations in a Dutch urban area. Atmospheric Environment, 2010, 44, 4614-4621.	4.1	80
417	Human health risks in megacities due to air pollution. Atmospheric Environment, 2010, 44, 4606-4613.	4.1	315
418	A review of the characteristics of nanoparticles in the urban atmosphere and the prospects for developing regulatory controls. Atmospheric Environment, 2010, 44, 5035-5052.	4.1	284
419	Sub-μm particle size distributions in a suburban Mediterranean area. Aerosol populations and their possible relationship with HONO mixing ratios. Atmospheric Environment, 2010, 44, 5258-5268.	4.1	26
420	Evaluating Human Exposure to Fine Particulate Matter Part I: Measurements. Geography Compass, 2010, 4, 281-302.	2.7	3
421	Simultaneous sizing and electrophoretic mobility measurement of subâ€micron particles using Brownian motion. Electrophoresis, 2010, 31, 3613-3618.	2.4	9

#	Article	IF	CITATIONS
422	Ambient air pollution and hospital admission in Shanghai, China. Journal of Hazardous Materials, 2010, 181, 234-240.	12.4	165
423	Chemical speciation of respirable suspended particulate matter during a major firework festival in India. Journal of Hazardous Materials, 2010, 184, 321-330.	12.4	125
424	Measurements of particulate matter concentrations at a landfill site (Crete, Greece). Waste Management, 2010, 30, 2058-2064.	7.4	34
425	Prediction of gas collection efficiency and particle collection artifact for atmospheric semivolatile organic compounds in multicapillary denuders. Journal of Chromatography A, 2010, 1217, 256-263.	3.7	14
426	Socioeconomic position and health status of people who live near busy roads: the Rome Longitudinal Study (RoLS). Environmental Health, 2010, 9, 41.	4.0	78
427	Changes in deceleration capacity of heart rate and heart rate variability induced by ambient air pollution in individuals with coronary artery disease. Particle and Fibre Toxicology, 2010, 7, 29.	6.2	69
428	Diesel exhaust particles induce CYP1A1 and pro-inflammatory responses via differential pathways in human bronchial epithelial cells. Particle and Fibre Toxicology, 2010, 7, 41.	6.2	141
429	Organic compound characterization and source apportionment of indoor and outdoor quasi-ultrafine particulate matter in retirement homes of the Los Angeles Basin. Indoor Air, 2010, 20, 17-30.	4.3	73
430	The benefits of whole-house in-duct air cleaning in reducing exposures to fine particulate matter of outdoor origin: A modeling analysis. Journal of Exposure Science and Environmental Epidemiology, 2010, 20, 213-224.	3.9	58
431	Source proximity and residential outdoor concentrations of PM2.5, OC, EC, and PAHs. Journal of Exposure Science and Environmental Epidemiology, 2010, 20, 457-468.	3.9	19
432	Measuring Submicron-Size Fractionated Particulate Matter on Aluminum Impactor Disks. Radiocarbon, 2010, 52, 278-285.	1.8	5
433	Air Pollution and Cardiovascular Disease. , 2010, , 465-487.		3
434	Secondary Organic Aerosol Formation from the Oxidation of a Mixture of Organic Gases in a Chamber. , 0, , .		5
435	Monitoring Automotive Particulate Matter Emissions with LiDAR: A Review. Remote Sensing, 2010, 2, 1077-1119.	4.0	13
436	Measurement of Ultrafine Particles and Other Air Pollutants Emitted by Cooking Activities. International Journal of Environmental Research and Public Health, 2010, 7, 1744-1759.	2.6	129
437	Atmospheric Chemistry. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6566-6567.	7.1	33
438	A Systematic Review of Occupational Exposure to Particulate Matter and Cardiovascular Disease. International Journal of Environmental Research and Public Health, 2010, 7, 1773-1806.	2.6	93
439	Impact of outdoor biomass air pollution on hypertension hospital admissions. Journal of Epidemiology and Community Health, 2010, 64, 573-579.	3.7	66

#	Article	IF	CITATIONS
440	Association of Ambient Fine Particles With Out-of-Hospital Cardiac Arrests in New York City. American Journal of Epidemiology, 2010, 172, 917-923.	3.4	62
441	Combustion and particulate emission characteristics of a diesel engine fuelled with diesel—dimethoxymethane blends. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2010, 224, 521-531.	1.9	14
442	Ambient particulate pollution and the world-wide prevalence of asthma, rhinoconjunctivitis and eczema in children: Phase One of the International Study of Asthma and Allergies in Childhood (ISAAC). Occupational and Environmental Medicine, 2010, 67, 293-300.	2.8	76
443	Long-term exposure to traffic-related air pollution and mortality in Shizuoka, Japan. Occupational and Environmental Medicine, 2010, 67, 111-117.	2.8	56
444	Socioeconomic Position and Mortality. JAMA - Journal of the American Medical Association, 2010, 304, 270.	7.4	0
445	Impact of ambient air pollution on the differential white blood cell count in patients with chronic pulmonary disease. Inhalation Toxicology, 2010, 22, 245-252.	1.6	52
446	Association of size-resolved number concentrations of particulate matter with cardiovascular and respiratory hospital admissions and mortality in Prague, Czech Republic. Inhalation Toxicology, 2010, 22, 21-28.	1.6	44
447	Inflammatory markers and exposure to occupational air pollutants. Inhalation Toxicology, 2010, 22, 1083-1090.	1.6	22
448	Aerosols in Clearer Focus. Science, 2010, 329, 1474-1475.	12.6	19
449	Economics of Health Risk Assessment. Annual Review of Resource Economics, 2010, 2, 53-75.	3.7	14
449 450	Economics of Health Risk Assessment. Annual Review of Resource Economics, 2010, 2, 53-75. Particulate Matter Air Pollution and Cardiovascular Disease. Circulation, 2010, 121, 2331-2378.	3.7 1.6	14 5,007
449 450 451	Economics of Health Risk Assessment. Annual Review of Resource Economics, 2010, 2, 53-75.         Particulate Matter Air Pollution and Cardiovascular Disease. Circulation, 2010, 121, 2331-2378.         Cardiopulmonary response to inhalation of biogenic secondary organic aerosol. Inhalation Toxicology, 2010, 22, 253-265.	3.7 1.6 1.6	14 5,007 39
449 450 451 452	Economics of Health Risk Assessment. Annual Review of Resource Economics, 2010, 2, 53-75.         Particulate Matter Air Pollution and Cardiovascular Disease. Circulation, 2010, 121, 2331-2378.         Cardiopulmonary response to inhalation of biogenic secondary organic aerosol. Inhalation Toxicology, 2010, 22, 253-265.         Ambient air pollution alters heart rate regulation in aged mice. Inhalation Toxicology, 2010, 22, 330-339.	<ul><li>3.7</li><li>1.6</li><li>1.6</li></ul>	14 5,007 39 9
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#	Article	IF	CITATIONS
461	A New Aerosol Flow System for Photochemical and Thermal Studies of Tropospheric Aerosols. Aerosol Science and Technology, 2010, 44, 329-338.	3.1	34
462	Estimating domestic wood burning emissions of particulate matter in two Nordic cities by combining ambient air observations with receptor and dispersion models. Chemical Industry and Chemical Engineering Quarterly, 2010, 16, 237-241.	0.7	6
463	Altered Cardiac Repolarization in Association with Air Pollution and Air Temperature among Myocardial Infarction Survivors. Environmental Health Perspectives, 2010, 118, 1755-1761.	6.0	40
464	Economic Activity and Trends in Ambient Air Pollution. Environmental Health Perspectives, 2010, 118, 614-619.	6.0	32
465	Common Genetic Variation, Residential Proximity to Traffic Exposure, and Left Ventricular Mass: The Multi-Ethnic Study of Atherosclerosis. Environmental Health Perspectives, 2010, 118, 962-969.	6.0	38
466	A comparison of direct thermal desorption with solvent extraction for gas chromatography-mass spectrometry analysis of semivolatile organic compounds in diesel particulate matter. International Journal of Environmental Analytical Chemistry, 2010, 90, 511-534.	3.3	15
467	Ultrafine Particle Exposure During Fire Suppression—Is It an Important Contributory Factor for Coronary Heart Disease in Firefighters?. Journal of Occupational and Environmental Medicine, 2010, 52, 791-796.	1.7	44
468	Geographic Determinants of Stroke Mortality. Stroke, 2010, 41, 839-841.	2.0	11
469	Air quality and chronic disease: why action on climate change is also good for health. NSW Public Health Bulletin, 2010, 21, 115.	0.3	28
470	Indoor Air Pollution and Asthma in Children. Proceedings of the American Thoracic Society, 2010, 7, 102-106.	3.5	167
471	Air Pollution, Population Vulnerability, and Standards for Ambient Air Quality. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 296-297.	5.6	7
473	Characterization of Metal and Trace Element Contents of Particulate Matter (PM <sub>10</sub> ) Emitted by Vehicles Running on Brazilian Fuels—Hydrated Ethanol and Gasoline with 22% of Anhydrous Ethanol. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2010, 73, 901-909	2.3	33
474	Emissions of Particulate Trace Elements, Metals and Organic Species from Gasoline, Diesel, and Biodiesel Passenger Vehicles and Their Relation to Oxidative Potential. Aerosol Science and Technology, 2010, 44, 500-513.	3.1	186
476	Environmental Levels. Environmental Pollution, 2010, , 1-39.	0.4	1
477	Formation of highly oxygenated organic aerosol in the atmosphere: Insights from the Finokalia Aerosol Measurement Experiments. Geophysical Research Letters, 2010, 37, .	4.0	46
478	Evaluation of mobile source emission trends in the United States. Journal of Geophysical Research, 2010, 115, .	3.3	154
479	Ozonolysis of Maleic Acid Aerosols: Effect upon Aerosol Hygroscopicity, Phase and Mass. Environmental Science & Technology, 2010, 44, 6656-6660.	10.0	27
480	Catalytic Role for Water in the Atmospheric Production of CINO. Journal of Physical Chemistry A, 2010, 114, 4609-4618.	2.5	40

#	Article	IF	CITATIONS
481	PM2.5 and CO Concentrations Inside an Indoor Go-Kart Facility. Journal of Occupational and Environmental Hygiene, 2010, 7, 397-406.	1.0	6
482	Spatial Distribution of Diesel Transit Bus Emissions and Urban Populations: Implications of Coincidence and Scale on Exposure. Environmental Science & Technology, 2010, 44, 7163-7168.	10.0	15
483	Elemental Composition of Nanoparticles with the Nano Aerosol Mass Spectrometerâ€. Analytical Chemistry, 2010, 82, 8034-8038.	6.5	26
484	Concentration Response Functions for Ultrafine Particles and All-Cause Mortality and Hospital Admissions: Results of a European Expert Panel Elicitation. Environmental Science & Technology, 2010, 44, 476-482.	10.0	129
485	Estimation of In-Canopy Ammonia Sources and Sinks in a Fertilized <i>Zea mays</i> Field. Environmental Science & Technology, 2010, 44, 1683-1689.	10.0	70
486	Studies of Single Aerosol Particles Containing Malonic Acid, Glutaric Acid, and Their Mixtures with Sodium Chloride. I. Hygroscopic Growth. Journal of Physical Chemistry A, 2010, 114, 5335-5341.	2.5	88
487	Comparison of FTIR and Particle Mass Spectrometry for the Measurement of Particulate Organic Nitrates. Environmental Science & Technology, 2010, 44, 1056-1061.	10.0	155
488	Cellular Responses after Exposure of Lung Cell Cultures to Secondary Organic Aerosol Particles. Environmental Science & Technology, 2010, 44, 1424-1430.	10.0	56
489	Atmospheric Solids Analysis Probe Mass Spectrometry: A New Approach for Airborne Particle Analysis. Analytical Chemistry, 2010, 82, 5922-5927.	6.5	39
490	Effect of Gas and Kerosene Space Heaters on Indoor Air Quality: A Study in Homes of Santiago, Chile. Journal of the Air and Waste Management Association, 2010, 60, 98-108.	1.9	40
491	Chemical Characterization and Preliminary Source Contribution of Fine Particulate Matter in the Mexicali/Imperial Valley Border Area. Journal of the Air and Waste Management Association, 2010, 60, 258-270.	1.9	12
492	Size-resolved particle number and volume emission factors for on-road gasoline and diesel motor vehicles. Journal of Aerosol Science, 2010, 41, 5-12.	3.8	97
494	Direct quadrature method of moments for the exhaust particle formation and evolution in the wake of the studied ground vehicle. Journal of Aerosol Science, 2010, 41, 553-568.	3.8	45
495	Evaporation of ternary inorganic/organic aqueous droplets: Sodium chloride, succinic acid and water. Journal of Aerosol Science, 2010, 41, 760-770.	3.8	20
496	Ultrafine particle penetration through idealized vehicle cracks. Journal of Aerosol Science, 2010, 41, 859-868.	3.8	25
497	Characterizing the performance of two optical particle counters (Grimm OPC1.108 and OPC1.109) under urban aerosol conditions. Journal of Aerosol Science, 2010, 41, 953-962.	3.8	116
498	How should passenger travel in Mexico City be priced?. Journal of Urban Economics, 2010, 68, 167-182.	4.4	35
499	Daily visibility and mortality: Assessment of health benefits from improved visibility in Hong Kong. Environmental Research, 2010, 110, 617-623.	7.5	43

#	Article	IF	CITATIONS
500	Atmospheric remote sensing to detect effects of temperature inversions on sputum cell counts in airway diseases. Environmental Research, 2010, 110, 624-632.	7.5	15
501	Chemical characterisation and cytotoxic effects in A549 cells of urban-air PM10 collected in Torino, Italy. Environmental Toxicology and Pharmacology, 2010, 29, 150-157.	4.0	26
502	Oxidative stress and apoptosis are induced in human endothelial cells exposed to urban particulate matter. Toxicology in Vitro, 2010, 24, 135-141.	2.4	82
503	Mechanisms involved in ultrafine carbon black-induced release of IL-6 from primary rat epithelial lung cells. Toxicology in Vitro, 2010, 24, 10-20.	2.4	25
504	Airborne Particles in the Urban Environment. Elements, 2010, 6, 229-234.	0.5	74
505	Characterization of PM2.5, PM2.5–10 and PM>10 in ambient air, Yokohama, Japan. Atmospheric Research, 2010, 96, 159-172.	4.1	136
506	Characterization of pollution events in the East Baltic region affected by regional biomass fire emissions. Atmospheric Research, 2010, 98, 190-200.	4.1	53
507	Sources and properties of Amazonian aerosol particles. Reviews of Geophysics, 2010, 48, .	23.0	283
508	Assessing the spatial and temporal variability of fine particulate matter components in Israeli, Jordanian, and Palestinian cities. Atmospheric Environment, 2010, 44, 2383-2392.	4.1	33
509	Characteristics of organic matter in PM2.5 from an e-waste dismantling area in Taizhou, China. Chemosphere, 2010, 80, 800-806.	8.2	64
511	Characterization of Indoor PM <sub>10</sub> , PM <sub>2.5</sub> , and Ultrafine Particles in Elementary School Classrooms: A Review. Environmental Engineering Science, 2010, 27, 915-922.	1.6	27
512	Monitoring the inflammatory potential of exhaust particles from passenger cars in mice. Inhalation Toxicology, 2010, 22, 59-69.	1.6	26
513	Inflammation and tissue damage in mouse lung by single and repeated dosing of urban air coarse and fine particles collected from six European cities. Inhalation Toxicology, 2010, 22, 402-416.	1.6	87
514	Relationship between PM2.5 Collected at Residential Outdoor Locations and a Central Site. Journal of the Air and Waste Management Association, 2010, 60, 1094-1104.	1.9	7
515	Design and characterization of a sequential cyclone system for the collection of bulk particulate matter. Journal of Environmental Monitoring, 2010, 12, 1807.	2.1	21
516	Particle-associated organic compounds and symptoms in myocardial infarction survivors. Inhalation Toxicology, 2011, 23, 431-447.	1.6	24
517	The relationship between ambient particulate matter and respiratory mortality: a multi-city study in Italy. European Respiratory Journal, 2011, 38, 538-547.	6.7	51
518	Determination of response of real-time SidePak AM510 monitor to secondhand smoke, other common indoor aerosols, and outdoor aerosol. Journal of Environmental Monitoring, 2011, 13, 1695.	2.1	79

#	Article	IF	CITATIONS
519	Dynamics and origin of PM <sub>2.5</sub> during a three-year sampling period in Beijing, China. Journal of Environmental Monitoring, 2011, 13, 334-346.	2.1	60
520	Comparison of Gene Expression Profiles Induced By Coarse, Fine, and Ultrafine Particulate Matter. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2011, 74, 296-312.	2.3	50
521	Comparison of the Chemical and Oxidative Characteristics of Particulate Matter (PM) Collected by Different Methods: Filters, Impactors, and BioSamplers. Aerosol Science and Technology, 2011, 45, 1294-1304.	3.1	37
522	Land Use Regression Modeling To Estimate Historic (1962â^1991) Concentrations of Black Smoke and Sulfur Dioxide for Great Britain. Environmental Science & Technology, 2011, 45, 3526-3532.	10.0	79
523	Thermal Characterization of Aminium Nitrate Nanoparticles. Journal of Physical Chemistry A, 2011, 115, 11677-11677.	2.5	31
524	Effects of Air Staging and Load on Fine-Particle and Gaseous Emissions from a Small-Scale Pellet Boiler. Energy & Fuels, 2011, 25, 4952-4960.	5.1	83
525	Climate and Health Relevant Emissions from in-Use Indian Three-Wheelers Fueled by Natural Gas and Gasoline. Environmental Science & 2017, Technology, 2011, 45, 2406-2412.	10.0	33
526	Evaluating the Mixing of Organic Aerosol Components Using High-Resolution Aerosol Mass Spectrometry. Environmental Science & Technology, 2011, 45, 6329-6335.	10.0	44
527	Retrievals of sulfur dioxide from the Global Ozone Monitoring Experiment 2 (GOME-2) using an optimal estimation approach: Algorithm and initial validation. Journal of Geophysical Research, 2011, 116, .	3.3	74
528	Coal Power Impacts, Technology, and Policy: Connecting the Dots. Annual Review of Environment and Resources, 2011, 36, 101-138.	13.4	18
529	Pollution atmosphérique, facteur de risque des BPCO�. Revue Francaise D'allergologie, 2011, 51, 41-55.	0.2	1
530	Particulate Emission Characteristics of a Compression Ignition Engine Fueled with Diesel–DMC Blends. Aerosol Science and Technology, 2011, 45, 137-147.	3.1	22
531	Long-term Ambient Fine Particulate Matter Air Pollution and Lung Cancer in a Large Cohort of Never-Smokers. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1374-1381.	5.6	439
532	Evaluating aerosol optical properties observed by ground-based and satellite remote sensing over the Mediterranean and the Middle East in 2006. Atmospheric Research, 2011, 99, 415-433.	4.1	58
533	Regional evaluation of particulate matter composition in an Atlantic coastal area (Cantabria region,) Tj ETQq0 0 ( 2011, 101, 280-293.	0 rgBT /Ov 4.1	erlock 10 Tf 39
534	PM2.5 measurements in a Mediterranean site: Two typical cases. Atmospheric Research, 2011, 102, 157-166.	4.1	12
535	The Air Quality Index: A Tool for Managing Patients with Cardiopulmonary Disease. American Journal of Medicine, 2011, 124, 705-707.	1.5	5
536	Searching for an Environmental Kuznets Curve in China's air pollution. China Economic Review, 2011, 22, 383-397.	4.4	145

#	Article	IF	CITATIONS
537	Does exposure to air pollution in urban parks have socioeconomic, racial or ethnic gradients?. Environmental Research, 2011, 111, 319-328.	7.5	119
538	Fine particle air pollution and secondhand smoke exposures and risks inside 66 US casinos. Environmental Research, 2011, 111, 473-484.	7.5	37
539	Characterization of coarse particulate matter in school gyms. Environmental Research, 2011, 111, 485-491.	7.5	69
540	Extreme air pollution events from bushfires and dust storms and their association with mortality in Sydney, Australia 1994–2007. Environmental Research, 2011, 111, 811-816.	7.5	229
541	Association of daily asthma emergency department visits and hospital admissions with ambient air pollutants among the pediatric Medicaid population in Detroit: Time-series and time-stratified case-crossover analyses with threshold effects. Environmental Research, 2011, 111, 1137-1147.	7.5	71
542	Exposure to bushfire smoke during prescribed burns and wildfires: Firefighters' exposure risks and options. Environment International, 2011, 37, 314-321.	10.0	47
543	Health impact assessment of a reduction in ambient PM2.5 levels in Spain. Environment International, 2011, 37, 342-348.	10.0	118
544	Nanotoxicity. , 2011, , 419-434.		2
545	Dynamics and dispersion modelling of nanoparticles from road traffic in the urban atmospheric environment—A review. Journal of Aerosol Science, 2011, 42, 580-603.	3.8	293
546	Anthropogenic impact on the temporal variations of black carbon and surface aerosol mass concentrations at a tropical semi-arid station in southeastern region of India. Journal of Asian Earth Sciences, 2011, 42, 1297-1308.	2.3	21
547	Contribution of point sources to trace metal levels in urban areas surrounded by industrial activities in the Cantabria Region (Northern Spain). Procedia Environmental Sciences, 2011, 4, 76-86.	1.4	7
548	Health effects of particulate air pollution: A review of epidemiological evidence. Inhalation Toxicology, 2011, 23, 555-592.	1.6	524
549	Public health importance of triggers of myocardial infarction: a comparative risk assessment. Lancet, The, 2011, 377, 732-740.	13.7	457
550	Burden of Mortality Due to Ambient Fine Particulate Air Pollution (PM2.5) in Interior and Northern BC. Canadian Journal of Public Health, 2011, 102, 390-393.	2.3	21
552	The Fire INventory from NCAR (FINN): a high resolution global model to estimate the emissions from open burning. Geoscientific Model Development, 2011, 4, 625-641.	3.6	1,278
553	Comparative microstructures and cytotoxicity assays for ballistic aerosols composed of micrometals and nanometals: respiratory health implications. International Journal of Nanomedicine, 2011, 6, 167.	6.7	11
554	Seasonal Gradient Patterns of Polycyclic Aromatic Hydrocarbons and Particulate Matter ConcentrationsÂnear a Highway. Atmosphere, 2011, 2, 533-552.	2.3	7
556	Air Pollution and Development of Children's Pulmonary Function. , 2011, , 17-25.		3

#	Article	IF	CITATIONS
557	Lung Cancer and Cardiovascular Disease Mortality Associated with Ambient Air Pollution and Cigarette Smoke: Shape of the Exposure–Response Relationships. Environmental Health Perspectives, 2011, 119, 1616-1621.	6.0	583
558	Making the Environmental Justice Grade: The Relative Burden of Air Pollution Exposure in the United States. International Journal of Environmental Research and Public Health, 2011, 8, 1755-1771.	2.6	212
559	Experimental Characterization of Nanoparticles Emissions in a Port Fuel Injection Spark Ignition Engine. , 0, , .		2
560	Laboratory and Field Testing of an Automated Atmospheric Particle-Bound Reactive Oxygen Species Sampling-Analysis System. Journal of Toxicology, 2011, 2011, 1-9.	3.0	34
561	A review of low-level air pollution and adverse effects on human health: implications for epidemiological studies and public policy. Clinics, 2011, 66, 681-690.	1.5	60
562	Challenges and Approaches for Developing Ultrafine Particle Emission Inventories for Motor Vehicle and Bus Fleets. Atmosphere, 2011, 2, 36-56.	2.3	8
563	Non-Chemical Stressors and Cumulative Risk Assessment: An Overview of Current Initiatives and Potential Air Pollutant Interactions. International Journal of Environmental Research and Public Health, 2011, 8, 2020-2073.	2.6	53
564	Study on the Association between Ambient Air Pollution and Daily Cardiovascular and Respiratory Mortality in an Urban District of Beijing. International Journal of Environmental Research and Public Health, 2011, 8, 2109-2123.	2.6	56
565	Assessment of Indoor Air Pollution in Homes with Infants. International Journal of Environmental Research and Public Health, 2011, 8, 4502-4520.	2.6	34
566	PM2.5 Sources and Their Effects on Human Health in China: Case Report. , 2011, , 606-613.		2
567	Condensational uptake of semivolatile organic compounds in gasoline engine exhaust onto pre-existing inorganic particles. Atmospheric Chemistry and Physics, 2011, 11, 10157-10171.	4.9	15
568	General overview: European Integrated project on Aerosol Cloud Climate and Air Quality interactions (EUCAARI) – integrating aerosol research from nano to global scales. Atmospheric Chemistry and Physics, 2011, 11, 13061-13143.	4.9	278
569	New particle formation events in semi-clean South African savannah. Atmospheric Chemistry and Physics, 2011, 11, 3333-3346.	4.9	86
570	Understanding evolution of product composition and volatility distribution through in-situ GC <b>×</b> GC analysis: a case study of longifolene ozonolysis. Atmospheric Chemistry and Physics, 2011, 11, 5335-5346.	4.9	35
571	Better constraints on sources of carbonaceous aerosols using a combined <sup>14</sup> C – macro tracer analysis in a European rural background site. Atmospheric Chemistry and Physics, 2011, 11, 5685-5700.	4.9	124
572	Formation of hydroxyl radical from San Joaquin Valley particles extracted in a cell-free surrogate lung fluid. Atmospheric Chemistry and Physics, 2011, 11, 9671-9682.	4.9	46
574	Secondary organic aerosol formation from phenolic compounds in the absence of NO <sub>x</sub> . Atmospheric Chemistry and Physics, 2011, 11, 10649-10660.	4.9	78
575	The first estimates of global nucleation mode aerosol concentrations based on satellite measurements. Atmospheric Chemistry and Physics, 2011, 11, 10791-10801.	4.9	31

#	Article	IF	CITATIONS
576	Predicting the relative humidities of liquid-liquid phase separation, efflorescence, and deliquescence of mixed particles of ammonium sulfate, organic material, and water using the organic-to-sulfate mass ratio of the particle and the oxygen-to-carbon elemental ratio of the organic component. Atmospheric Chemistry and Physics, 2011, 11, 10995-11006.	4.9	297
577	Fossil versus contemporary sources of fine elemental and organic carbonaceous particulate matter during the DAURE campaign in Northeast Spain. Atmospheric Chemistry and Physics, 2011, 11, 12067-12084.	4.9	157
578	Sources and atmospheric processing of organic aerosol in the Mediterranean: insights from aerosol mass spectrometer factor analysis. Atmospheric Chemistry and Physics, 2011, 11, 12499-12515.	4.9	44
579	Explicit modeling of organic chemistry and secondary organic aerosol partitioning for Mexico City and its outflow plume. Atmospheric Chemistry and Physics, 2011, 11, 13219-13241.	4.9	65
580	First long-term study of particle number size distributions and new particle formation events of regional aerosol in the North China Plain. Atmospheric Chemistry and Physics, 2011, 11, 1565-1580.	4.9	151
581	Spatial variation of chemical composition and sources of submicron aerosol in Zurich during wintertime using mobile aerosol mass spectrometer data. Atmospheric Chemistry and Physics, 2011, 11, 7465-7482.	4.9	58
582	Generation of hydrogen peroxide from San Joaquin Valley particles in a cell-free solution. Atmospheric Chemistry and Physics, 2011, 11, 753-765.	4.9	44
583	Elucidating determinants of aerosol composition through particle-type-based receptor modeling. Atmospheric Chemistry and Physics, 2011, 11, 8133-8155.	4.9	30
584	A multi-angle aerosol optical depth retrieval algorithm for geostationary satellite data over the United States. Atmospheric Chemistry and Physics, 2011, 11, 11977-11991.	4.9	40
585	Photochemical processing of organic aerosol at nearby continental sites: contrast between urban plumes and regional aerosol. Atmospheric Chemistry and Physics, 2011, 11, 2991-3006.	4.9	77
586	Evaluation of the carbon content of aerosols from the burning of biomass in the Brazilian Amazon using thermal, optical and thermal-optical analysis methods. Atmospheric Chemistry and Physics, 2011, 11, 4425-4444.	4.9	25
587	Number size distributions and seasonality of submicron particles in Europe 2008–2009. Atmospheric Chemistry and Physics, 2011, 11, 5505-5538.	4.9	214
588	Thermodynamics and kinetics of the hydrolysis of atmospherically relevant organonitrates and organosulfates. Atmospheric Chemistry and Physics, 2011, 11, 8307-8320.	4.9	186
589	Acute Decrease in HDL Cholesterol Associated With Exposure to Welding Fumes. Journal of Occupational and Environmental Medicine, 2011, 53, 17-21.	1.7	12
590	Markers of Inflammation in Alveolar Cells Exposed to Fine Particulate Matter From Prescribed Fires and Urban Air. Journal of Occupational and Environmental Medicine, 2011, 53, 1110-1114.	1.7	20
591	Particulate Air Pollution and Socioeconomic Position in Rural and Urban Areas of the Northeastern United States. American Journal of Public Health, 2011, 101, S224-S230.	2.7	65
592	Short-term Impact of Ambient Air Pollution and Air Temperature on Blood Pressure Among Pregnant Women. Epidemiology, 2011, 22, 671-679.	2.7	56
593	Lessons From Air Pollution Epidemiology for Studies of Engineered Nanomaterials. Journal of Occupational and Environmental Medicine, 2011, 53, S8-S13.	1.7	43

#	Article	IF	CITATIONS
594	Development of a French Epidemiological Surveillance System of Workers Producing or Handling Engineered Nanomaterials in the Workplace. Journal of Occupational and Environmental Medicine, 2011, 53, S103-S107.	1.7	17
595	Seasonal Variation of Airborne Particle Deposition Efficiency in the Human Respiratory System. Aerosol Science and Technology, 2011, 45, 795-804.	3.1	21
596	Three-Dimensional Simulation of Exhaust Particle Dispersion and Concentration Fields in the Near-Wake Region of the Studied Ground Vehicle. Aerosol Science and Technology, 2011, 45, 1019-1030.	3.1	27
597	Workplace exposure to traffic-derived nanoscaled particulates. Journal of Physics: Conference Series, 2011, 304, 012006.	0.4	2
598	Associations of Outdoor Air Pollution With Hemorrhagic Stroke Mortality. Journal of Occupational and Environmental Medicine, 2011, 53, 124-126.	1.7	48
599	Willingness to pay for reducing the risk of premature mortality attributed to air pollution: a contingent valuation study for Greece. Atmospheric Pollution Research, 2011, 2, 275-282.	3.8	19
600	Levels, composition and source apportionment of rural background PM10 in western Mexico (state of) Tj ETQq0 C	) 9 ggBT /C	Overlock 10
601	Black carbon in PM2.5, data from two urban sites in Guadalajara, Mexico during 2008. Atmospheric Pollution Research, 2011, 2, 358-365.	3.8	21
602	Experimental Study on Particulate Emissions of a Methanol Fumigated Diesel Engine Equipped with	3.1	13

602	Experimental Study on Particulate Emissions of a Methanol Fumigated Diesel Engine Equipped with Diesel Oxidation Catalyst. Aerosol Science and Technology, 2011, 45, 262-271.	3.1	13
603	A Baseline Evaluation of Traditional Cook Stove Smoke Exposures and Indicators of Cardiovascular and Respiratory Health among Nicaraguan Women. International Journal of Occupational and Environmental Health, 2011, 17, 113-121.	1.2	41
604	Thrombogenicity and cardiovascular effects of ambient air pollution. Blood, 2011, 118, 2405-2412.	1.4	167
605	Simulations of organic aerosol concentrations in Mexico City using the WRF-CHEM model during the MCMA-2006/MILAGRO campaign. Atmospheric Chemistry and Physics, 2011, 11, 3789-3809.	4.9	159
606	Environmentally persistent free radicals decrease cardiac function before and after ischemia/reperfusion injury <i>in vivo</i> . Journal of Receptor and Signal Transduction Research, 2011, 31, 157-167.	2.5	50
607	VALUING HEALTH EFFECTS: THE CASE OF OZONE AND FINE PARTICLES IN SOUTHERN CALIFORNIA. Contemporary Economic Policy, 2011, 29, 524-535.	1.7	2
608	The effects of bushfire smoke on respiratory health. Respirology, 2011, 16, 198-209.	2.3	126
609	Maximizing Health Benefits and Minimizing Inequality: Incorporating Localâ€Scale Data in the Design and Evaluation of Air Quality Policies. Risk Analysis, 2011, 31, 908-922.	2.7	80
610	The Relationship Between Toxics Release Inventory Discharges and Mortality Rates in Rural and Urban Areas of the United States. Journal of Rural Health, 2011, 27, 358-366.	2.9	7
611	Ultrafine particle concentrations and exposures in seven residences in northern California. Indoor Air, 2011, 21, 132-144.	4.3	127

#	Article	IF	CITATIONS
612	Ultrafine particle concentrations and exposures in six elementary school classrooms in northern California. Indoor Air, 2011, 21, 77-87.	4.3	78
613	The effect of an ion generator on indoor air quality in a residential room. Indoor Air, 2011, 21, 267-276.	4.3	41
614	Ventilation rates and health: multidisciplinary review of the scientific literature. Indoor Air, 2011, 21, 191-204.	4.3	529
615	Commemorating $20\hat{a} \in f$ years of Indoor Air. Indoor Air, 2011, 21, 177-178.	4.3	3
616	Patterns and predictors of personal exposure to indoor air pollution from biomass combustion among women and children in rural China. Indoor Air, 2011, 21, 479-488.	4.3	124
617	Measurement of fine particles and smoking activity in a statewide survey of 36 California Indian casinos. Journal of Exposure Science and Environmental Epidemiology, 2011, 21, 31-41.	3.9	26
618	Comparison of different exposure settings in a case–crossover study on air pollution and daily mortality: counterintuitive results. Journal of Exposure Science and Environmental Epidemiology, 2011, 21, 385-394.	3.9	18
619	Variability of environmental exposure to fine particles, black smoke, and trace elements among a Swedish population. Journal of Exposure Science and Environmental Epidemiology, 2011, 21, 506-514.	3.9	22
620	Characteristics and source apportionment of PM1 emissions at a roadside station. Journal of Hazardous Materials, 2011, 195, 82-91.	12.4	55
621	Influence of exposure sites on trace element enrichment in moss-bags and characterization of particles deposited on the biomonitor surface. Science of the Total Environment, 2011, 409, 822-830.	8.0	61
622	The use of polar organic compounds to estimate the contribution of domestic solid fuel combustion and biogenic sources to ambient levels of organic carbon and PM2.5 in Cork Harbour, Ireland. Science of the Total Environment, 2011, 409, 2143-2155.	8.0	63
623	Does the presence of desert dust modify the effect of PM10 on mortality in Athens, Greece?. Science of the Total Environment, 2011, 409, 2049-2054.	8.0	87
624	Particulate emission factors for mobile fossil fuel and biomass combustion sources. Science of the Total Environment, 2011, 409, 2384-2396.	8.0	32
625	STEMS-Air: A simple CIS-based air pollution dispersion model for city-wide exposure assessment. Science of the Total Environment, 2011, 409, 2419-2429.	8.0	50
626	Fine particulate air pollution and daily mortality in Shenyang, China. Science of the Total Environment, 2011, 409, 2473-2477.	8.0	126
627	The effects of active chlorine on photooxidation of 2-methyl-2-butene. Science of the Total Environment, 2011, 409, 2652-2661.	8.0	4
628	Chemical characterization of PM10 and PM2.5 mass concentrations emitted by heterogeneous traffic. Science of the Total Environment, 2011, 409, 3144-3157.	8.0	47
629	Diesel vehicle emission and death rates in Tokyo, Japan: A natural experiment. Science of the Total Environment, 2011, 409, 3620-3627.	8.0	22

#	Article	IF	CITATIONS
630	PM10 source apportionment in Milan (Italy) using time-resolved data. Science of the Total Environment, 2011, 409, 4788-4795.	8.0	103
631	Sub-micrometer particulate air pollution and cardiovascular mortality in Beijing, China. Science of the Total Environment, 2011, 409, 5196-5204.	8.0	90
632	Ambient carbon monoxide and daily mortality in three Chinese cities: The China Air Pollution and Health Effects Study (CAPES). Science of the Total Environment, 2011, 409, 4923-4928.	8.0	68
633	Coarse particles and mortality in three Chinese cities: The China Air Pollution and Health Effects Study (CAPES). Science of the Total Environment, 2011, 409, 4934-4938.	8.0	113
634	Patient Awareness of the Risks for Heart Disease Posed by Air Pollution. Progress in Cardiovascular Diseases, 2011, 53, 379-384.	3.1	16
635	Investigating Air Pollution and Atherosclerosis in Humans: Concepts and Outlook. Progress in Cardiovascular Diseases, 2011, 53, 334-343.	3.1	66
636	Gene–Air Pollution Interaction and Cardiovascular Disease: A Review. Progress in Cardiovascular Diseases, 2011, 53, 344-352.	3.1	75
637	Estimation of southern resident killer whale exposure to exhaust emissions from whale-watching vessels and potential adverse health effects and toxicity thresholds. Marine Pollution Bulletin, 2011, 62, 792-805.	5.0	27
638	Air Pollution and Coronary Risk in Kidney Transplant Recipients. American Journal of Kidney Diseases, 2011, 58, 506-507.	1.9	4
639	Enhanced spectral analysis of C-TOF Aerosol Mass Spectrometer data: Iterative residual analysis and cumulative peak fitting. International Journal of Mass Spectrometry, 2011, 306, 1-8.	1.5	36
640	Health and climate benefits of cookstove replacement options. Energy Policy, 2011, 39, 7530-7542.	8.8	210
641	Acute effects of air pollution on peak expiratory flow rates and symptoms among asthmatic patients in Chiang Mai, Thailand. International Journal of Hygiene and Environmental Health, 2011, 214, 251-257.	4.3	30
642	Particulate matter pollution in the megacities of the Pearl River Delta, China – A systematic literature review and health risk assessment. International Journal of Hygiene and Environmental Health, 2011, 214, 281-295.	4.3	56
643	Assessing in near real time the impact of the April 2010 Eyjafjallajökull ash plume on air quality. Atmospheric Environment, 2011, 45, 1217-1221.	4.1	59
644	Atmospheric amines – Part I. A review. Atmospheric Environment, 2011, 45, 524-546.	4.1	725
645	Canadian National Air Pollution Surveillance (NAPS) PM2.5 speciation program: Methodology and PM2.5 chemical composition for the years 2003–2008. Atmospheric Environment, 2011, 45, 673-686.	4.1	117
646	Contrast in air pollution components between major streets and background locations: Particulate matter mass, black carbon, elemental composition, nitrogen oxide and ultrafine particle number. Atmospheric Environment, 2011, 45, 650-658.	4.1	98
647	Methodology for assessing exposure and impacts of air pollutants in school children: Data collection, analysis and health effects – A literature review. Atmospheric Environment, 2011, 45, 813-823.	4.1	99
#	Article	IF	CITATIONS
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648	Combining regression analysis and air quality modelling to predict benzene concentration levels. Atmospheric Environment, 2011, 45, 2585-2592.	4.1	17
649	Influential parameters on particle exposure of pedestrians in urban microenvironments. Atmospheric Environment, 2011, 45, 1434-1443.	4.1	107
650	Effect of fumigation methanol and ethanol on the gaseous and particulate emissions of a direct-injection diesel engine. Atmospheric Environment, 2011, 45, 2001-2008.	4.1	126
651	Impacts of antioxidants on hydroxyl radical production from individual and mixed transition metals in a surrogate lung fluid. Atmospheric Environment, 2011, 45, 7555-7562.	4.1	109
652	Particulate matter (PM) concentrations in underground and ground-level rail systems of the Los Angeles Metro. Atmospheric Environment, 2011, 45, 1506-1516.	4.1	190
653	Comparison of indoor/outdoor carbon content and time resolved PM concentrations for gas and biomass cooking fuels in Nogales, Sonora, Mexico. Atmospheric Environment, 2011, 45, 7600-7611.	4.1	5
654	Secondary organic aerosol from biogenic volatile organic compound mixtures. Atmospheric Environment, 2011, 45, 2211-2219.	4.1	33
655	Two-year observations of fine carbonaceous particles in variable sampling intervals. Atmospheric Environment, 2011, 45, 2418-2426.	4.1	9
656	In vitro immunotoxic and genotoxic activities of particles emitted from two different small-scale wood combustion appliances. Atmospheric Environment, 2011, 45, 7546-7554.	4.1	40
657	Comparison of land-use regression models for predicting spatial NOx contrasts over a three year period in Oslo, Norway. Atmospheric Environment, 2011, 45, 3576-3583.	4.1	31
658	Application of a tagged-species method to source apportionment of primary PM2.5 components in a regional air quality model. Atmospheric Environment, 2011, 45, 3835-3847.	4.1	9
659	A study on the potential applications of satellite data in air quality monitoring and forecasting. Atmospheric Environment, 2011, 45, 3663-3675.	4.1	102
660	The effects of indoor particle exposure on blood pressure and heart rate among young adults: An air filtration-based intervention study. Atmospheric Environment, 2011, 45, 5540-5544.	4.1	40
661	Multicriteria methodological approach to manage urban air pollution. Atmospheric Environment, 2011, 45, 4160-4169.	4.1	40
662	Concentrations of fine, ultrafine, and black carbon particles in auto-rickshaws in New Delhi, India. Atmospheric Environment, 2011, 45, 4470-4480.	4.1	173
663	The impact of organic coatings on light scattering by sodium chloride particles. Atmospheric Environment, 2011, 45, 4123-4132.	4.1	18
664	Variation in characteristics of ambient particulate matter at eight locations in the Netherlands – The RAPTES project. Atmospheric Environment, 2011, 45, 4442-4453.	4.1	35
665	Sources and variability of inhalable road dust particles in three European cities. Atmospheric Environment, 2011, 45, 6777-6787.	4.1	294

#	Article	IF	CITATIONS
666	Indoor and outdoor sources and infiltration processes of PM1 and black carbon in an urban environment. Atmospheric Environment, 2011, 45, 6359-6367.	4.1	38
667	Aircraft emissions and local air quality impacts from takeoff activities at a large International Airport. Atmospheric Environment, 2011, 45, 6526-6533.	4.1	109
668	Comparative assessment of GIS-based methods and metrics for estimating long-term exposures to air pollution. Atmospheric Environment, 2011, 45, 7072-7080.	4.1	63
669	Air pollution in autoimmune rheumatic diseases: A review. Autoimmunity Reviews, 2011, 11, 14-21.	5.8	158
670	Assessment of wellbeing in an indoor office environment. Building and Environment, 2011, 46, 2632-2640.	6.9	87
671	In vitro biological effects of airborne PM2.5 and PM10 from a semi-desert city on the Mexico–US border. Chemosphere, 2011, 83, 618-626.	8.2	68
672	"This is the mess that we are living inâ€ı residents everyday life experiences of living in a stigmatized community. Geo Journal, 2011, 76, 483-500.	3.1	20
673	Particle Number Size Distribution and Weight Concentration of Background Urban Aerosol in a Po Valley Site. Water, Air, and Soil Pollution, 2011, 220, 265-278.	2.4	20
674	Oil refinery dusts: morphological and size analysis by TEM. Analytical and Bioanalytical Chemistry, 2011, 399, 3261-3270.	3.7	3
675	Quality assurance and quality control for thermal/optical analysis of aerosol samples for organic and elemental carbon. Analytical and Bioanalytical Chemistry, 2011, 401, 3141-3152.	3.7	133
676	Source apportionment of PM10 and PM2.5 at multiple sites in the strait of Gibraltar by PMF: impact of shipping emissions. Environmental Science and Pollution Research, 2011, 18, 260-269.	5.3	238
677	Health impacts of particulate matter in five major Estonian towns: main sources of exposure and local differences. Air Quality, Atmosphere and Health, 2011, 4, 247-258.	3.3	55
678	Implications of individual particulate matter component toxicity for population exposure. Air Quality, Atmosphere and Health, 2011, 4, 189-197.	3.3	4
679	How is cardiovascular disease mortality risk affected by duration and intensity of fine particulate matter exposure? An integration of the epidemiologic evidence. Air Quality, Atmosphere and Health, 2011, 4, 5-14.	3.3	112
680	Chronic exposure to ambient particulate matter alters cardiac gene expression patterns and markers of oxidative stress in rats. Air Quality, Atmosphere and Health, 2011, 4, 15-25.	3.3	7
681	Air pollution and circulating biomarkers of oxidative stress. Air Quality, Atmosphere and Health, 2011, 4, 37-52.	3.3	137
682	Chronically inhaled ambient particles cause cardiac inflammation in normal, diseased, and elderly rat hearts. Air Quality, Atmosphere and Health, 2011, 4, 27-36.	3.3	2
683	Long-term Exposure to Traffic-related Air Pollution and Type 2 Diabetes Prevalence in a Cross-sectional Screening-study in the Netherlands. Environmental Health, 2011, 10, 76.	4.0	65

#	Article	IF	CITATIONS
684	EDâ€XRF setâ€up for sizeâ€segregated aerosol samples analysis. X-Ray Spectrometry, 2011, 40, 79-87.	1.4	17
685	Coal dust exposure and mortality from ischemic heart disease among a cohort of U.S. coal miners. American Journal of Industrial Medicine, 2011, 54, 727-733.	2.1	55
689	Spatial prediction in the presence of positional error. Environmetrics, 2011, 22, 109-122.	1.4	14
690	An experimental and numerical study of the effects of dimethyl ether addition to fuel on polycyclic aromatic hydrocarbon and soot formation in laminar coflow ethylene/air diffusion flames. Combustion and Flame, 2011, 158, 547-563.	5.2	89
691	Climate change and health in cities: impacts of heat and air pollution and potential co-benefits from mitigation and adaptation. Current Opinion in Environmental Sustainability, 2011, 3, 126-134.	6.3	352
692	Forecasting concentrations of air pollutants by logarithm support vector regression with immune algorithms. Applied Mathematics and Computation, 2011, 217, 5318-5327.	2.2	76
693	Quantitative estimation in Health Impact Assessment: Opportunities and challenges. Environmental Impact Assessment Review, 2011, 31, 301-309.	9.2	31
694	Traffic impacts on PM2.5 air quality in Nairobi, Kenya. Environmental Science and Policy, 2011, 14, 369-378.	4.9	103
695	Comparison of four scanning mobility particle sizers at the Fresno Supersite. Particuology, 2011, 9, 204-209.	3.6	34
696	Determination of the soot aggregate size distribution from elastic light scattering through Bayesian inference. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 1099-1107.	2.3	31
697	Characteristics of major secondary ions in typical polluted atmospheric aerosols during autumn in central Taiwan. Journal of Environmental Management, 2011, 92, 1520-1527.	7.8	8
698	Association between long-term exposure to outdoor air pollution and mortality in China: A cohort study. Journal of Hazardous Materials, 2011, 186, 1594-1600.	12.4	348
699	The effect of aerosol vertical profiles on satellite-estimated surface particle sulfate concentrations. Remote Sensing of Environment, 2011, 115, 508-513.	11.0	37
700	Diesel exhaust particle exposure causes redistribution of endothelial tube VE-cadherin. Toxicology, 2011, 279, 73-84.	4.2	22
701	Sampling and characterization of nanoaerosols in different environments. TrAC - Trends in Analytical Chemistry, 2011, 30, 554-567.	11.4	12
702	Enhanced Reactive Uptake of Nonanal by Acidic Aerosols in the Presence of Particle-Phase Organics. Aerosol Science and Technology, 2011, 45, 872-883.	3.1	15
703	Analysis of Particle Mass and Size Emissions from a Catalyzed Diesel Particulate Filter during Regeneration by Means of Actual Injection Strategies in Light Duty Engines. SAE International Journal of Engines, 0, 4, 2510-2518.	0.4	8
704	Clinical Year in Review I:: Interstitial Lung Disease, Occupational and Environmental Lung Disease, Education of Residents and Fellows, and Pediatrics. Proceedings of the American Thoracic Society, 2011, 8, 389-397.	3.5	2

#	Article	IF	Citations
705	Mortality in small geographical areas and proximity to air polluting industries in the Basque Country (Spain). Occupational and Environmental Medicine, 2011, 68, 140-147.	2.8	27
706	Quantification of health benefits related with reduction of atmospheric PM10levels: implementation of population mobility approach. International Journal of Environmental Health Research, 2011, 21, 189-200.	2.7	20
707	Long-Term Ambient Multipollutant Exposures and Mortality. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 73-78.	5.6	138
708	A Bayesian analysis of the impact of air pollution episodes on cardio-respiratory hospital admissions in the Greater London area. Statistical Methods in Medical Research, 2011, 20, 69-80.	1.5	5
709	Air Pollution and Health Studies in China—Policy Implications. Journal of the Air and Waste Management Association, 2011, 61, 1292-1299.	1.9	36
710	Changes of hygroscopicity and morphology during ageing of diesel soot. Environmental Research Letters, 2011, 6, 034026.	5.2	138
711	Investigations of primary and secondary particulate matter of different wood combustion appliances with a high-resolution time-of-flight aerosol mass spectrometer. Atmospheric Chemistry and Physics, 2011, 11, 5945-5957.	4.9	215
712	Oxidative stress and DNA damage responses in rat and mouse lung to inhaled carbon nanoparticles. Nanotoxicology, 2011, 5, 66-78.	3.0	26
713	Chronic Fine Particulate Matter Exposure Induces Systemic Vascular Dysfunction via NADPH Oxidase and TLR4 Pathways. Circulation Research, 2011, 108, 716-726.	4.5	275
714	In-cabin Exposure Levels of Carbon Monoxide, Carbon Dioxide and Airborne Particulate Matter in Air-Conditioned Buses of Hong Kong. Indoor and Built Environment, 2011, 20, 464-470.	2.8	15
715	Aerosol Behavior in the near Wake Region of the Vehicle. Advanced Materials Research, 2011, 299-300, 1239-1243.	0.3	0
717	Meteorological and trace gas factors affecting the number concentration of atmospheric Aitken ( <i>D</i> <sub>p</sub> = 50 nm) particles in the continental boundary layer: parameterization using a multivariate mixed effects model. Geoscientific Model Development, 2011, 4, 1-13.	3.6	33
718	Oxidative stress induced by urban fine particles in cultured EA.hy926 cells. Human and Experimental Toxicology, 2011, 30, 579-590.	2.2	49
719	The Progress in Electron Microscopy Studies of Particulate Matters to Be Used as a Standard Monitoring Method for Air Dust Pollution. Critical Reviews in Analytical Chemistry, 2011, 41, 314-334.	3.5	25
720	Chemical composition of fine particles in Mexico City during 2003–2004. Atmospheric Pollution Research, 2011, 2, 477-483.	3.8	23
721	An introduction to allergic inflammation and the innate immune sensing of dangerous ambient pollutants by the dendritic cell. , 2011, , 1-36.		0
722	Interpretation of Secondary Organic Aerosol Formation from Diesel Exhaust Photooxidation in an Environmental Chamber. Aerosol Science and Technology, 2011, 45, 964-972.	3.1	57
723	Numerical models for aerosol evolustion in the wake of the vehicle. , 2011, , .		0

#	Article	IF	CITATIONS
724	Full cost accounting for the life cycle of coal. Annals of the New York Academy of Sciences, 2011, 1219, 73-98.	3.8	232
725	The impact of traffic air pollution on bronchiolitis obliterans syndrome and mortality after lung transplantation. Thorax, 2011, 66, 748-754.	5.6	85
726	Saharan dust and daily mortality in Emilia-Romagna (Italy). Occupational and Environmental Medicine, 2011, 68, 446-451.	2.8	99
727	Excess mortality in Europe following a future Laki-style Icelandic eruption. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15710-15715.	7.1	91
728	An Aerosol Chemical Speciation Monitor (ACSM) for Routine Monitoring of the Composition and Mass Concentrations of Ambient Aerosol. Aerosol Science and Technology, 2011, 45, 780-794.	3.1	675
729	Stability of measured and modelled spatial contrasts in NO2 over time. Occupational and Environmental Medicine, 2011, 68, 765-770.	2.8	212
730	Pedestrian Exposure to Size-Resolved Particles in Milan. Journal of the Air and Waste Management Association, 2011, 61, 1273-1280.	1.9	14
731	Estimating the acute health effects of coarse particulate matter accounting for exposure measurement error. Biostatistics, 2011, 12, 637-652.	1.5	71
732	Air Pollution, Blood Pressure, and the Risk of Hypertensive Complications During Pregnancy. Hypertension, 2011, 57, 406-412.	2.7	101
733	Particulate Matter–Induced Health Effects: Who Is Susceptible?. Environmental Health Perspectives, 2011, 119, 446-454.	6.0	447
734	Ambient Air Pollution and Apnea and Bradycardia in High-Risk Infants on Home Monitors. Environmental Health Perspectives, 2011, 119, 1321-1327.	6.0	23
735	Particulate Matter Exposures, Mortality, and Cardiovascular Disease in the Health Professionals Follow-up Study. Environmental Health Perspectives, 2011, 119, 1130-1135.	6.0	120
736	Acute Respiratory Inflammation in Children and Black Carbon in Ambient Air before and during the 2008 Beijing Olympics. Environmental Health Perspectives, 2011, 119, 1507-1512.	6.0	173
737	Temporal Analysis of PM <sub>10</sub> in Metropolitan Monterrey, México. Journal of the Air and Waste Management Association, 2011, 61, 573-579.	1.9	19
738	Vascular Function and Short-Term Exposure to Fine Particulate Air Pollution. Journal of the Air and Waste Management Association, 2011, 61, 858-863.	1.9	48
739	Air Particulate Emissions in Developing Countries: A Case Study in South Africa. Analytical Letters, 2011, 44, 1907-1924.	1.8	13
740	PM <sub>2.5</sub> Source Apportionment: Reconciling Receptor Models for U.S. Nonurban and Urban Long-Term Networks. Journal of the Air and Waste Management Association, 2011, 61, 1204-1217.	1.9	33
741	Long-term ambient PM <sub>10</sub> concentrations and incidence of emphysema in California adults: results from the AHSMOG study. International Journal of Environmental Studies, 2011, 68, 777-790.	1.6	2

#	Article	IF	Citations
742	Size-Segregated Particle Number Concentrations and Respiratory Emergency Room Visits in Beijing, China. Environmental Health Perspectives, 2011, 119, 508-513.	6.0	75
743	Does Air Pollution Trigger Infant Mortality in Western Europe? A Case-Crossover Study. Environmental Health Perspectives, 2011, 119, 1017-1022.	6.0	57
744	A Comparison of Different Approaches to Estimate Small-Scale Spatial Variation in Outdoor NO <sub>2</sub> Concentrations. Environmental Health Perspectives, 2011, 119, 670-675.	6.0	37
745	From Good Intentions to Proven Interventions: Effectiveness of Actions to Reduce the Health Impacts of Air Pollution. Environmental Health Perspectives, 2011, 119, 29-36.	6.0	83
746	Indoor Air Pollution and Blood Pressure in Adult Women Living in Rural China. Environmental Health Perspectives, 2011, 119, 1390-1395.	6.0	211
747	Creating an Integrated Historical Record of Extreme Particulate Air Pollution Events in Australian Cities from 1994 to 2007. Journal of the Air and Waste Management Association, 2011, 61, 390-398.	1.9	44
748	The Effects of Particulate Matter Sources on Daily Mortality: A Case-Crossover Study of Barcelona, Spain. Environmental Health Perspectives, 2011, 119, 1781-1787.	6.0	161
749	Using a Chemistry Transport Model to Account for the Spatial Variability of Exposure Concentrations in Epidemiologic Air Pollution Studies. Journal of the Air and Waste Management Association, 2011, 61, 164-179.	1.9	21
750	A Statistical Framework to Identify the Influence of Large-Scale Weather Events on Regional Air Pollution. Journal of Applied Meteorology and Climatology, 2011, 50, 2376-2393.	1.5	8
751	Effects of Vehicle Cabin Filter Efficiency on Ultrafine Particle Concentration Ratios Measured In-Cabin and On-Roadway. Aerosol Science and Technology, 2011, 45, 234-243.	3.1	31
752	Traffic-Related Air Pollution and Cognitive Function in a Cohort of Older Men. Environmental Health Perspectives, 2011, 119, 682-687.	6.0	342
753	Volatility Characterization of Cooking-Generated Aerosol Particles. Aerosol Science and Technology, 2011, 45, 1069-1077.	3.1	85
754	Particulate Air Pollution from Combustion and Construction in Coastal and Urban Areas of China. Journal of the Air and Waste Management Association, 2011, 61, 1160-1165.	1.9	16
755	Fine Particulate Matter Constituents and Cardiopulmonary Mortality in a Heavily Polluted Chinese City. Environmental Health Perspectives, 2012, 120, 373-378.	6.0	413
756	Acute systemic and lung inflammation in C57Bl/6J mice after intratracheal aspiration of particulate matter from small-scale biomass combustion appliances based on old and modern technologies. Inhalation Toxicology, 2012, 24, 952-965.	1.6	33
757	Feasibility of the Detection of Trace Elements in Particulate Matter Using Online High-Resolution Aerosol Mass Spectrometry. Aerosol Science and Technology, 2012, 46, 1187-1200.	3.1	28
758	Pollution Gradients and Chemical Characterization ofÂParticulateÂMatter from Vehicular Traffic near Major Roadways: Results from the 2009 Queens College Air Quality Study in NYC. Aerosol Science and Technology, 2012, 46, 1201-1218.	3.1	102
759	CitiSense. , 2012, , .		59

			0
#	ARTICLE	IF	CITATIONS
760	Journal of the Air and Waste Management Association, 2012, 62, 242-251.	1.9	8
761	Health Impacts of the Built Environment: Within-Urban Variability in Physical Inactivity, Air Pollution, and Ischemic Heart Disease Mortality. Environmental Health Perspectives, 2012, 120, 247-253.	6.0	143
762	Association between long-term exposure to air pollution and specific causes of mortality in Scotland. Occupational and Environmental Medicine, 2012, 69, 916-924.	2.8	27
763	Environmentally persistent free radicals decrease cardiac function and increase pulmonary artery pressure. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H1135-H1142.	3.2	48
764	A Cylindrical Thermal Precipitator with a Particle Size-Selective Inlet. Aerosol Science and Technology, 2012, 46, 1227-1238.	3.1	6
765	Assessment of heterogeneity of metal composition of fine particulate matter collected from eight U.S. counties using principal component analysis. Journal of the Air and Waste Management Association, 2012, 62, 773-782.	1.9	15
766	A reanalysis of fine particulate matter air pollution versus life expectancy in the United States. Journal of the Air and Waste Management Association, 2012, 62, 989-991.	1.9	12
767	Respiratory Health Effects of Airborne Particulate Matter: The Role of Particle Size, Composition, and Oxidative Potential—The RAPTES Project. Environmental Health Perspectives, 2012, 120, 1183-1189.	6.0	288
768	Reduction of Transient Particulate Matter Spikes with Decision Tree Based Control. SAE International Journal of Engines, 0, 5, 608-621.	0.4	2
769	Effects on airways of short-term exposure to two kinds of wood smoke in a chamber study of healthy humans. Inhalation Toxicology, 2012, 24, 47-59.	1.6	63
770	Estimated Acute Effects of Ambient Ozone and Nitrogen Dioxide on Mortality in the Pearl River Delta of Southern China. Environmental Health Perspectives, 2012, 120, 393-398.	6.0	160
771	Residential Black Carbon Exposure and Circulating Markers of Systemic Inflammation in Elderly Males: The Normative Aging Study. Environmental Health Perspectives, 2012, 120, 674-680.	6.0	32
772	Estimated Global Mortality Attributable to Smoke from Landscape Fires. Environmental Health Perspectives, 2012, 120, 695-701.	6.0	576
773	Cardiopulmonary response to inhalation of secondary organic aerosol derived from gas-phase oxidation of toluene. Inhalation Toxicology, 2012, 24, 689-697.	1.6	20
776	A Comparison of Short-term and Long-term Air Pollution Exposure Associations with Mortality in Two Cohorts in Scotland. Environmental Health Perspectives, 2012, 120, 1280-1285.	6.0	78
777	Development of a sensitive long path absorption photometer to quantify peroxides in aerosol particles (Peroxide-LOPAP). Atmospheric Measurement Techniques, 2012, 5, 2339-2348.	3.1	49
779	Organic and Elemental Carbon Filter Sets: Preparation Method and Interlaboratory Results. Annals of Occupational Hygiene, 2012, 56, 959-67.	1.9	4
780	Modeling the Residential Infiltration of Outdoor PM <sub>2.5</sub> in the Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). Environmental Health Perspectives, 2012, 120, 824-830.	6.0	138

#	Article	IF	CITATIONS
781	An epidemiological appraisal of the association between heart rate variability and particulate air pollution: a meta-analysis. Heart, 2012, 98, 1127-1135.	2.9	143
782	Characterization of Fine Particulate Matter and Associations between Particulate Chemical Constituents and Mortality in Seoul, Korea. Environmental Health Perspectives, 2012, 120, 872-878.	6.0	127
783	Environmental Inequality in Exposures to Airborne Particulate Matter Components in the United States. Environmental Health Perspectives, 2012, 120, 1699-1704.	6.0	341
784	Air Pollution, Oxidative Stress, and Alzheimer's Disease. Journal of Environmental and Public Health, 2012, 2012, 1-9.	0.9	162
786	Indicative levels of PM in the ambient air in the surrounding villages of the copper smelter complex Bor, Serbia. Chemical Industry and Chemical Engineering Quarterly, 2012, 18, 643-652.	0.7	8
787	Relationship between Air Pollution and Outpatient Visits for Nonspecific Conjunctivitis. , 2012, 53, 429.		98
788	Indoor Particulate Matter in Different Residential Areas of Alexandria City, Egypt. Indoor and Built Environment, 2012, 21, 857-862.	2.8	8
789	Differences in the OC/EC Ratios that Characterize Ambient and Source Aerosols due to Thermal-Optical Analysis. Aerosol Science and Technology, 2012, 46, 127-137.	3.1	81
790	Exposure to Particulate Air Pollution and Cognitive Decline in Older Women. Archives of Internal Medicine, 2012, 172, 219.	3.8	399
791	Time-to-Event Analysis of Fine Particle Air Pollution and Preterm Birth: Results From North Carolina, 2001–2005. American Journal of Epidemiology, 2012, 175, 91-98.	3.4	101
792	Review of Singapore's air quality and greenhouse gas emissions: Current situation and opportunities. Journal of the Air and Waste Management Association, 2012, 62, 625-641.	1.9	40
793	Traffic Air Pollution and Risk of Death from Ovarian Cancer in Taiwan: Fine Particulate Matter (PM <sub>2.5</sub> ) as a Proxy Marker. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 174-182.	2.3	45
794	Characterization of Soot Particles Produced in a Transparent Research CR DI Diesel Engine Operating with Conventional and Advanced Combustion Strategies. Aerosol Science and Technology, 2012, 46, 272-286.	3.1	3
795	Modelling frameworks for delivering low-carbon cities: advocating a normalized practice. Building Research and Information, 2012, 40, 504-517.	3.9	6
796	Fine aerosol and PAH carcinogenicity estimation in outdoor environment of Mumbai City, India. International Journal of Environmental Health Research, 2012, 22, 134-149.	2.7	34
797	Winter and Summer PM <sub>2.5</sub> Chemical Compositions in Fourteen Chinese Cities. Journal of the Air and Waste Management Association, 2012, 62, 1214-1226.	1.9	350
798	Air Pollution and Autonomic and Vascular Dysfunction in Patients With Cardiovascular Disease: Interactions of Systemic Inflammation, Overweight, and Gender. American Journal of Epidemiology, 2012, 176, 117-126.	3.4	103
799	Influence of Season and Location on Pulmonary Response to California's San Joaquin Valley Airborne Particulate Matter. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 253-271.	2.3	17

#	Article	IF	CITATIONS
800	Exposure to airborne particulate matter in Kathmandu Valley, Nepal. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 235-242.	3.9	29
801	Environmental Tax Reform: Principles from Theory and Practice. Annual Review of Resource Economics, 2012, 4, 101-125.	3.7	22
802	Domestic airborne black carbon and exhaled nitric oxide in children in NYC. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 258-266.	3.9	54
803	Time series analysis of personal exposure to ambient air pollution and mortality using an exposure simulator. Journal of Exposure Science and Environmental Epidemiology, 2012, 22, 483-488.	3.9	14
804	Seasonal Variation of Chemical Species Associated With Short-Term Mortality Effects of PM2.5 in Xi'an, a Central City in China. American Journal of Epidemiology, 2012, 175, 556-566.	3.4	207
805	Simplified mechanism for new particle formation from methanesulfonic acid, amines, and water via experiments and ab initio calculations. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18719-18724.	7.1	173
806	Asian dust and daily all-cause or cause-specific mortality in western Japan. Occupational and Environmental Medicine, 2012, 69, 908-915.	2.8	54
807	Comparison of Test Methods for Determining the Particle Removal Efficiency of Filters in Residential and Light-Commercial Central HVAC Systems. Aerosol Science and Technology, 2012, 46, 504-513.	3.1	45
808	Improving aerosol distributions below clouds by assimilating satellite-retrieved cloud droplet number. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11939-11943.	7.1	31
809	Pulmonary exposure to carbon black by inhalation or instillation in pregnant mice: Effects on liver DNA strand breaks in dams and offspring. Nanotoxicology, 2012, 6, 486-500.	3.0	135
810	Atmospheric pollution: influence on hospital admissions in paediatric rheumatic diseases. Lupus, 2012, 21, 526-533.	1.6	44
811	Manufactured and airborne nanoparticle cardiopulmonary interactions: a review of mechanisms and the possible contribution of mast cells. Inhalation Toxicology, 2012, 24, 320-339.	1.6	69
812	Air Pollution and Incidence of Hypertension and Diabetes Mellitus in Black Women Living in Los Angeles. Circulation, 2012, 125, 767-772.	1.6	303
813	Short-Term Increase in Particulate Matter Blunts Nocturnal Blood Pressure Dipping and Daytime Urinary Sodium Excretion. Hypertension, 2012, 60, 1061-1069.	2.7	61
814	Airborne Indoor Particles from Schools Are More Toxic than Outdoor Particles. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 575-582.	2.9	45
815	Effect of particulate matter air pollution on C-reactive protein: a review of epidemiologic studies. Reviews on Environmental Health, 2012, 27, 133-49.	2.4	99
816	Childhood Exposures to Ozone. Circulation, 2012, 126, 1570-1572.	1.6	1
817	Association of Particulate Air Pollution With Daily Mortality: The China Air Pollution and Health Effects Study. American Journal of Epidemiology, 2012, 175, 1173-1181.	3.4	348

#	Article	IF	CITATIONS
818	Is the Relation Between Ozone and Mortality Confounded by Chemical Components of Particulate Matter? Analysis of 7 Components in 57 US Communities. American Journal of Epidemiology, 2012, 176, 726-732.	3.4	38
820	Airborne inhalable metals in residential areas of Delhi, India: distribution, source apportionment and health risks. Atmospheric Pollution Research, 2012, 3, 46-54.	3.8	100
821	From Olympians to Mere Mortals. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 1076-1077.	5.6	3
822	Chapter 10 Urban Vulnerability and Adaptation to the Health Impacts of Air Pollution and Climate Extremes in Latin American Cities. Research in Urban Sociology, 2012, , 247-275.	0.1	4
823	Ultrafine particle emission from incinerators: The role of the fabric filter. Journal of the Air and Waste Management Association, 2012, 62, 103-111.	1.9	27
824	The impact of circulation patterns on regional transport pathways and air quality over Beijing and its surroundings. Atmospheric Chemistry and Physics, 2012, 12, 5031-5053.	4.9	224
825	Evaluation of chemical transport model predictions of primary organic aerosol for air masses classified by particle component-based factor analysis. Atmospheric Chemistry and Physics, 2012, 12, 8297-8321.	4.9	11
826	Technical Note: Synthesis of isoprene atmospheric oxidation products: isomeric epoxydiols and the rearrangement products & amp;lt;i& amp;gt;cis& amp;lt;/i& amp;gt;- and & amp;lt;i& amp;gt;-3-methyl-3,4-dihydroxytetrahydrofuran. Atmospheric Chemistry and Physics. 2012. 12. 8529-8535.	4.9	81
827	From quantum chemical formation free energies to evaporation rates. Atmospheric Chemistry and Physics, 2012, 12, 225-235.	4.9	247
828	Optical properties, morphology and elemental composition of atmospheric particles at T1 supersite on MILAGRO campaign. Atmospheric Chemistry and Physics, 2012, 12, 2747-2755.	4.9	11
829	Variability of aerosol, gaseous pollutants and meteorological characteristics associated with changes in air mass origin at the SW Atlantic coast of Iberia. Atmospheric Chemistry and Physics, 2012, 12, 3761-3782.	4.9	17
830	The IPAC-NC field campaign: a pollution and oxidization pool in the lower atmosphere over Huabei, China. Atmospheric Chemistry and Physics, 2012, 12, 3883-3908.	4.9	40
831	Characterisation of sub-micron particle number concentrations and formation events in the western Bushveld Igneous Complex, South Africa. Atmospheric Chemistry and Physics, 2012, 12, 3951-3967.	4.9	46
832	Improvement of aerosol optical depth retrieval from MODIS spectral reflectance over the global ocean using new aerosol models archived from AERONET inversion data and tri-axial ellipsoidal dust database. Atmospheric Chemistry and Physics, 2012, 12, 7087-7102.	4.9	51
833	Comparative assessment of ecotoxicity of urban aerosol. Atmospheric Chemistry and Physics, 2012, 12, 7365-7370.	4.9	32
834	Chemically-resolved aerosol eddy covariance flux measurements in urban Mexico City during MILAGRO 2006. Atmospheric Chemistry and Physics, 2012, 12, 7809-7823.	4.9	14
835	Model investigation of NO <sub>3</sub> secondary organic aerosol (SOA) source and heterogeneous organic aerosol (OA) sink in the western United States. Atmospheric Chemistry and Physics, 2012, 12, 8797-8811.	4.9	13
836	Estimation of aerosol particle number distributions with Kalman Filtering $\hat{a} \in Part 1$ : Theory, general aspects and statistical validity. Atmospheric Chemistry and Physics, 2012, 12, 11767-11779.	4.9	12

#	Article	IF	CITATIONS
837	A new method to discriminate secondary organic aerosols from different sources using high-resolution aerosol mass spectra. Atmospheric Chemistry and Physics, 2012, 12, 2189-2203.	4.9	32
838	Organic molecular markers and signature from wood combustion particles in winter ambient aerosols: aerosol mass spectrometer (AMS) and high time-resolved GC-MS measurements in Augsburg, Germany. Atmospheric Chemistry and Physics, 2012, 12, 6113-6128.	4.9	52
839	Trends of particulate matter (PM <sub>2.5</sub> ) and chemical composition at a regional background site in the Western Mediterranean over the last nine years (2002–2010). Atmospheric Chemistry and Physics, 2012, 12, 8341-8357.	4.9	114
840	Mortality Among Population With Exposure to Industrial Air Pollution Containing Nickel and Other Toxic Metals. Journal of Occupational and Environmental Medicine, 2012, 54, 583-591.	1.7	21
841	Effect of air pollution on daily morbidity in Karachi, Pakistan. Journal of Local and Global Health Science, 2012, 2012, .	0.2	24
842	Numerical investigations on the contribution of point source emissions to the PM2.5 concentrations in Fairbanks, Alaska. Atmospheric Pollution Research, 2012, 3, 199-210.	3.8	10
843	Source apportionment and elemental composition of PM2.5 and PM10 in Jeddah City, Saudi Arabia. Atmospheric Pollution Research, 2012, 3, 331-340.	3.8	173
844	Chemical and morphological characterization of PM2.5 collected during MILAGRO campaign using scanning electron microscopy. Atmospheric Pollution Research, 2012, 3, 289-300.	3.8	39
845	Exposure to Multiwalled Carbon Nanotubes and Allergen Promotes Early- and Late-Phase Increases in Airway Resistance in Mice. Biological and Pharmaceutical Bulletin, 2012, 35, 2133-2140.	1.4	15
846	Particles, air quality, policy and health. Chemical Society Reviews, 2012, 41, 6606.	38.1	551
847	TiO <sub>2</sub> nanoparticles induce insulin resistance in liver-derived cells both directly and via macrophage activation. Nanotoxicology, 2012, 6, 804-812.	3.0	22
848	Air pollution interventions and their impact on public health. International Journal of Public Health, 2012, 57, 757-768.	2.3	87
849	Concentration levels and temporal variations of heavy elements in the urban particulate matter of Navi Mumbai, India. Journal of Radioanalytical and Nuclear Chemistry, 2012, 294, 453-459.	1.5	6
850	Variation of NO2 and NOx concentrations between and within 36 European study areas: Results from the ESCAPE study. Atmospheric Environment, 2012, 62, 374-390.	4.1	274
851	Comparison of models for estimation of long-term exposure to air pollution in cohort studies. Atmospheric Environment, 2012, 62, 530-539.	4.1	12
852	Spatial variation of PM2.5, PM10, PM2.5 absorbance and PMcoarse concentrations between and within 20 European study areas and the relationship with NO2 – Results of the ESCAPE project. Atmospheric Environment, 2012, 62, 303-317.	4.1	392
853	Spatial and temporal characterization of traffic emissions in urban microenvironments with a mobile laboratory. Atmospheric Environment, 2012, 63, 156-167.	4.1	100
854	Repeated exposure to polycyclic aromatic hydrocarbons and asthma: effect of seroatopy. Annals of Allergy, Asthma and Immunology, 2012, 109, 249-254.	1.0	51

ARTICLE IF CITATIONS Individual dose and exposure of Italian children to ultrafine particles. Science of the Total 855 8.0 96 Environment, 2012, 438, 271-277. Asthma and air pollutants: a time series study. Revista Da Associação Médica Brasileira (English) Tj ETQq1 1 0.784314 rgBT /Ove Mobile measurements and regression modeling of the spatial particulate matter variability in an urban 858 8.0 53 area. Science of the Total Environment, 2012, 438, 389-403. Within-city contrasts in PM composition and sources and their relationship with nitrogen oxides. 860 Journal of Environmental Monitoring, 2012, 14, 2718. Traffic emission factors of ultrafine particles: effects from ambient air. Journal of Environmental 861 2.1 13 Monitoring, 2012, 14, 2488. Assessing PM<sub>10</sub>source reduction in urban agglomerations for air quality compliance. 2.1 Journal of Environmental Monitoring, 2012, 14, 266-278. The Reliability of Hospital and Pharmaceutical Data to Assess Prevalent Cases of Chronic Obstructive 863 1.6 13 Pulmonary Disease. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 184-196. Air quality implications of the<i>Deepwater Horizon</i>oil spill. Proceedings of the National Academy 864 7.1 79 of Sciences of the United States of America, 2012, 109, 20280-20285. Modeling Exposures to the Oxidative Potential of PM<sub>10</sub>. Environmental Science & amp; 865 10.0 37 Technology, 2012, 46, 7612-7620. DNA damage induced by micro- and nanoparticles--interaction with FPG influences the detection of 2.6 DNA oxidation in the comet assay. Mutagenesis, 2012, 27, 491-500. The short-term effect of 24-h average and peak air pollution on mortality in Oslo, Norway. European 867 5.737 Journal of Epidemiology, 2012, 27, 717-727. Measurement of Vapor Pressures and Heats of Sublimation of Dicarboxylic Acids Using Atmospheric 868 2.5 26 Solids Analysis Probe Mass Spectrometry. Journal of Physical Chemistry A, 2012, 116, 5900-5909. Development of Land Use Regression Models for PM<sub>2.5</sub>, PM<sub>2.5</sub> Absorbance, PM<sub>10</sub> and PM<sub>coarse</sub> in 20 European Study Areas; Results of the ESCAPE 869 10.0 877 Project. Environmental Science & amp; Technology, 2012, 46, 11195-11205. Household Concentrations and Exposure of Children to Particulate Matter from Biomass Fuels in The 870 10.0 Gambia. Environmental Science & amp; Technology, 2012, 46, 3519-3527. Particle Deposition in Airways of Chronic Respiratory Patients Exposed to an Urban Aerosol. 871 10.0 11 Environmental Science & amp; Technology, 2012, 46, 12162-12169. Global Intraurban Intake Fractions for Primary Air Pollutants from Vehicles and Other Distributed 872 Sources. Environmental Science & amp; Technology, 2012, 46, 3415-3423. Controlling Air Pollution from Straw Burning in China Calls for Efficient Recycling. Environmental 873 10.0 97 Science & amp; Technology, 2012, 46, 7934-7936. The Association Between Chronic Exposure to Traffic-Related Air Pollution and Ischemic Heart 874 2.3 Disease. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2012, 75, 402-411.

#	Article	IF	CITATIONS
875	Exposure to airborne ultrafine particles from cooking in Portuguese homes. Journal of the Air and Waste Management Association, 2012, 62, 1116-1126.	1.9	15
876	Systematic Evaluation of Land Use Regression Models for NO <sub>2</sub> . Environmental Science & Technology, 2012, 46, 4481-4489.	10.0	115
877	PM <sub>2.5</sub> Monitoring and Mitigation in the Cities of China. Environmental Science & Technology, 2012, 46, 3627-3628.	10.0	67
878	Public Health Impacts of Combustion Emissions in the United Kingdom. Environmental Science & Technology, 2012, 46, 4291-4296.	10.0	86
879	Particle-Induced Artifacts in the MTT and LDH Viability Assays. Chemical Research in Toxicology, 2012, 25, 1885-1892.	3.3	165
880	Impact of low emission zones and local traffic policies on ambient air pollution concentrations. Science of the Total Environment, 2012, 435-436, 132-140.	8.0	88
881	The spatial characteristics of ambient particulate matter and daily mortality in the urban area of Beijing, China. Science of the Total Environment, 2012, 435-436, 14-20.	8.0	44
882	Characterization of organic, metal and trace element PM2.5 species and derivation of freeway-based emission rates in Los Angeles, CA. Science of the Total Environment, 2012, 435-436, 159-166.	8.0	49
883	Temperature modifies the acute effect of particulate air pollution on mortality in eight Chinese cities. Science of the Total Environment, 2012, 435-436, 215-221.	8.0	72
884	Selection of key ambient particulate variables for epidemiological studies — Applying cluster and heatmap analyses as tools for data reduction. Science of the Total Environment, 2012, 435-436, 541-550.	8.0	35
885	Air pollution and cardiovascular disease. Thrombosis Research, 2012, 129, 230-234.	1.7	91
886	Cerium dioxide nanoparticles can interfere with the associated cellular mechanistic response to diesel exhaust exposure. Toxicology Letters, 2012, 214, 218-225.	0.8	43
887	Seasonal comparisons of single-particle chemical mixing state in Riverside, CA. Atmospheric Environment, 2012, 59, 587-596.	4.1	71
888	Carcinogenic and mutagenic risk associated to airborne particle-phase polycyclic aromatic hydrocarbons: A source apportionment. Atmospheric Environment, 2012, 60, 375-382.	4.1	156
889	Factors influencing variability in the infiltration of PM2.5 mass and its components. Atmospheric Environment, 2012, 61, 518-532.	4.1	81
890	Elemental carbon as an indicator for evaluating the impact of traffic measures on air quality and health. Atmospheric Environment, 2012, 61, 1-8.	4.1	50
891	Measurement and analysis of aircraft engine PM emissions downwind of an active runway at the Oakland International Airport. Atmospheric Environment, 2012, 61, 114-123.	4.1	46
892	Molecular marker characterization of the organic composition of submicron aerosols from Mediterranean urban and rural environments under contrasting meteorological conditions. Atmospheric Environment, 2012, 61, 482-489.	4.1	47

#	Article	IF	CITATIONS
893	Physico-chemical characteristics of particulate matter in the Eastern Mediterranean. Atmospheric Research, 2012, 106, 93-107.	4.1	36
894	Chemical compositions and extinction coefficients of PM2.5 in peri-urban of Xiamen, China, during June 2009–May 2010. Atmospheric Research, 2012, 106, 150-158.	4.1	79
895	Chemical composition of PM2.5 particles in Salamanca, Guanajuato Mexico: Source apportionment with receptor models. Atmospheric Research, 2012, 107, 31-41.	4.1	51
896	A procedure to assess local and long-range transport contributions to PM2.5 and secondary inorganic aerosol. Journal of Aerosol Science, 2012, 46, 64-76.	3.8	85
897	Experimental determination of deposition of diesel exhaust particles in the human respiratory tract. Journal of Aerosol Science, 2012, 48, 18-33.	3.8	117
898	Performance study of a disk-to-disk thermal precipitator. Journal of Aerosol Science, 2012, 52, 45-56.	3.8	10
899	The evaluation of PM10, PM2.5, and PM1 concentrations during the Middle Eastern Dust (MED) events in Ahvaz, Iran, from april through september 2010. Journal of Arid Environments, 2012, 77, 72-83.	2.4	203
900	Occupational exposure to airborne particles and other pollutants in an aviation base. Environmental Pollution, 2012, 170, 78-87.	7.5	22
901	Characterizing mortality effects of particulate matter size fractions in the two capital cities of the Canary Islands. Environmental Research, 2012, 112, 129-138.	7.5	27
902	Acute air pollution effects on heart rate variability are modified by SNPs involved in cardiac rhythm in individuals with diabetes or impaired glucose tolerance. Environmental Research, 2012, 112, 177-185.	7.5	31
903	Low-level exposure to ambient particulate matter is associated with systemic inflammation in ischemic heart disease patients. Environmental Research, 2012, 116, 44-51.	7.5	101
904	Relationship between birth weight and exposure to airborne fine particulate potassium and titanium during gestation. Environmental Research, 2012, 117, 83-89.	7.5	34
905	Association between fine particulate matter and the peak expiratory flow of schoolchildren in the Brazilian subequatorial Amazon: A panel study. Environmental Research, 2012, 117, 27-35.	7.5	68
906	Ambient air pollution, climate change, and population health in China. Environment International, 2012, 42, 10-19.	10.0	609
907	Saharan dust, particulate matter and cause-specific mortality: A case–crossover study in Barcelona (Spain). Environment International, 2012, 48, 150-155.	10.0	125
908	Blood pressure and particulate air pollution in schoolchildren of Lahore, Pakistan. BMC Public Health, 2012, 12, 378.	2.9	74
909	Exposures to fine particulate air pollution and respiratory outcomes in adults using two national datasets: a cross-sectional study. Environmental Health, 2012, 11, 25.	4.0	79
910	Risk assessment of PM2.5 to child residents in Brazilian Amazon region with biofuel production. Environmental Health, 2012, 11, 64.	4.0	56

#	Article	IF	CITATIONS
911	Comparison of emergency department and hospital admissions data for air pollution time-series studies. Environmental Health, 2012, 11, 70.	4.0	52
912	Elemental concentrations of ambient particles and cause specific mortality in Santiago, Chile: a time series study. Environmental Health, 2012, 11, 82.	4.0	58
913	Air pollution exposure estimation using dispersion modelling and continuous monitoring data in a prospective birth cohort study in the Netherlands. Environmental Health, 2012, 11, 9.	4.0	12
914	Toxicological properties of emission particles from heavy duty engines powered by conventional and bio-based diesel fuels and compressed natural gas. Particle and Fibre Toxicology, 2012, 9, 37.	6.2	59
915	Expansion of cardiac ischemia/reperfusion injury after instillation of three forms of multi-walled carbon nanotubes. Particle and Fibre Toxicology, 2012, 9, 38.	6.2	45
916	Wood smoke particles from different combustion phases induce similar pro-inflammatory effects in a co-culture of monocyte and pneumocyte cell lines. Particle and Fibre Toxicology, 2012, 9, 45.	6.2	69
917	Uptake of isoprene, methacrylic acid and methyl methacrylate into aqueous solutions of sulfuric acid and hydrogen peroxide. Journal of Environmental Sciences, 2012, 24, 1947-1953.	6.1	3
918	Ultrafine particle emission characteristics of diesel engine by on-board and test bench measurement. Journal of Environmental Sciences, 2012, 24, 1972-1978.	6.1	12
919	Seasonal composition of remote and urban fine particulate matter in the United States. Journal of Geophysical Research, 2012, 117, .	3.3	200
920	Formation and growth of ultrafine particles from secondary sources in Bakersfield, California. Journal of Geophysical Research, 2012, 117, .	3.3	51
921	Primary and secondary organic aerosols in Fresno, California during wintertime: Results from high resolution aerosol mass spectrometry. Journal of Geophysical Research, 2012, 117, .	3.3	133
922	Associations between short/medium-term variations in black smoke air pollution and mortality in the Glasgow conurbation, UK. Environment International, 2012, 50, 1-6.	10.0	5
923	A rapid assessment randomized-controlled trial of improved cookstoves in rural Ghana. Energy for Sustainable Development, 2012, 16, 328-338.	4.5	74
924	China's Megacities: Risks, Opportunities and Environmental Health. Public Health Forum, 2012, 20, 27-28.	0.2	0
925	Variability of outdoor fine particulate (PM2.5) concentration in the Indian Subcontinent: A remote sensing approach. Remote Sensing of Environment, 2012, 127, 153-161.	11.0	201
926	Simulated downwind coal combustion emissions for laboratory inhalation exposure atmospheres. Inhalation Toxicology, 2012, 24, 310-319.	1.6	6
927	Composition of Air Pollution Particles and Oxidative Stress in Cells, Tissues, and Living Systems. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2012, 15, 1-21.	6.5	411
928	Aerosols PM10 and PM2.5. , 2012, , 191-199.		2

#	Article	IF	CITATIONS
929	Health effects and social costs of particulate and photochemical urban air pollution: a case study for Thessaloniki, Greece. Air Quality, Atmosphere and Health, 2012, 5, 325-334.	3.3	36
930	Examining the representativeness of home outdoor PM2.5, EC, and OC estimates for daily personal exposures in Southern California. Air Quality, Atmosphere and Health, 2012, 5, 335-351.	3.3	9
931	Systematic review and meta-analysis of epidemiological time-series studies on outdoor air pollution and health in Asia. Air Quality, Atmosphere and Health, 2012, 5, 383-391.	3.3	86
932	Prohypertensive Effect of Gestational Personal Exposure to Fine Particulate Matter. Prospective Cohort Study in Non-smoking and Non-obese Pregnant Women. Cardiovascular Toxicology, 2012, 12, 216-225.	2.7	30
933	Co-Release of Hexabromocyclododecane (HBCD) and Nano- and Microparticles from Thermal Cutting of Polystyrene Foams. Environmental Science & Technology, 2012, 46, 10990-10996.	10.0	92
934	Exposure Assessment for Estimation of the Global Burden of Disease Attributable to Outdoor Air Pollution. Environmental Science & Technology, 2012, 46, 652-660.	10.0	606
935	Chemistry and Composition of Atmospheric Aerosol Particles. Annual Review of Physical Chemistry, 2012, 63, 471-491.	10.8	93
936	A Spatially and Temporally Explicit Life Cycle Inventory of Air Pollutants from Gasoline and Ethanol in the United States. Environmental Science & amp; Technology, 2012, 46, 11408-11417.	10.0	46
937	Acute and Chronic Effects of Particles on Hospital Admissions in New-England. PLoS ONE, 2012, 7, e34664.	2.5	143
938	Particle Oxidation Catalyst (POC <sup>®</sup> ) - From Diesel To GDI - Studies on Particulate Number and Mass Efficiency. , 0, , .		8
939	Differential Exposure to Hazardous Air Pollution in the United States: A Multilevel Analysis of Urbanization and Neighborhood Socioeconomic Deprivation. International Journal of Environmental Research and Public Health, 2012, 9, 2204-2225.	2.6	39
940	Spatial And Temporal Variation Of Ambient Pm <sub>2.5</sub> : A Case Study Of Banepa Valley, Nepal. Journal of Science, Engineering and Technology, 2012, 8, 23-32.	0.0	3
941	Investigation of Suspended and Settled Particulate Matter in Indoor Air". , 2012, , .		6
942	Exploration of a Polarized Surface Bidirectional Reflectance Model Using the Ground-Based Multiangle SpectroPolarimetric Imager. Atmosphere, 2012, 3, 591-619.	2.3	63
943	Particulate Air Pollution and Its Impact on Health in Vilnius and Kaunas. Medicina (Lithuania), 2012, 48, 70.	2.0	2
944	Particulate Matter and Health Risk under a Changing Climate: Assessment for Portugal. Scientific World Journal, The, 2012, 2012, 1-10.	2.1	21
945	Statistical Character and Transport Pathways of Atmospheric Aerosols in Belgrade. , 2012, , .		3
946	Atherosclerotic Events: The Role of Air Particulate Matter. Journal of Molecular Biology Research, 2012, 2, .	0.1	1

#	Article	IF	CITATIONS
947	Linking agricultural crop management and air quality models for regional to national-scale nitrogen assessments. Biogeosciences, 2012, 9, 4023-4035.	3.3	68
948	Advances in Disaster Modeling, Simulation and Visualization for Sandstorm Risk Management in North China. Remote Sensing, 2012, 4, 1337-1354.	4.0	19
949	The impact of atmospheric particulate matter on cancer incidence and mortality in the city of São Paulo, Brazil. Cadernos De Saude Publica, 2012, 28, 1737-1748.	1.0	47
950	Short-Term Effect of Changes in Fine Particulate Matter Concentrations in Ambient Air to Daily Cardio-Respiratory Mortality in Inhabitants of Urban-Industrial Agglomeration (Katowice) Tj ETQq1 1 0.784314 r	gBT /Over	loc <b>k</b> 10 Tf 50
951	Particulate Air Pollutants and Respiratory Diseases. , 0, , .		13
952	Impact of air pollution on lung inflammation and the role of Toll-like receptors. International Journal of Interferon, Cytokine and Mediator Research, 2012, , 43.	1.1	3
953	Direct detection of isoprene photooxidation products by using synchrotron radiation photoionization mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 189-194.	1.5	11
954	Statistical methods for estimating the environmental burden of disease in Canada, with applications to mortality from fine particulate matter. Environmetrics, 2012, 23, 329-344.	1.4	5
955	Plasma fluorescent oxidation products and shortâ€ŧerm occupational particulate exposures. American Journal of Industrial Medicine, 2012, 55, 953-960.	2.1	2
956	Use of X-ray Absorption Spectroscopy To Speciate Manganese in Airborne Particulate Matter from Five Counties Across the United States. Environmental Science & Technology, 2012, 46, 3101-3109.	10.0	37
957	Chemical and micromorphological properties of TSP and PM10 particles: case study in Bucharest urban area. Environmental Monitoring and Assessment, 2012, 184, 4737-4745.	2.7	3
958	Mobile Air Monitoring: Measuring Change in Air Quality in the City of Hamilton, 2005–2010. Social Indicators Research, 2012, 108, 351-364.	2.7	30
959	Evaluation of Premature Mortality Caused by Exposure to PM2.5 and Ozone in East Asia: 2000, 2005, 2020. Water, Air, and Soil Pollution, 2012, 223, 3445-3459.	2.4	53
960	Validity of observational studies in accountability analyses: the case of air pollution and life expectancy. Air Quality, Atmosphere and Health, 2012, 5, 231-235.	3.3	4
961	Translocation of particles deposited in the respiratory system: a systematic review and statistical analysis. Environmental Health and Preventive Medicine, 2012, 17, 263-274.	3.4	67
962	A time-stratified case-crossover study of fine particulate matter air pollution and mortality in Guangzhou, China. International Archives of Occupational and Environmental Health, 2012, 85, 579-585.	2.3	102
963	Characterizing ultrafine particles and other air pollutants at five schools in South Texas. Indoor Air, 2012, 22, 33-42.	4.3	74
964	Toxicity and elemental composition of particulate matter from outdoor and indoor air of elementary schools in Munich, Germany. Indoor Air, 2012, 22, 148-158.	4.3	102

#	Article	IF	CITATIONS
965	Seasonal trends of PM10, PM5.0, PM2.5 & PM1.0 in indoor and outdoor environments of residential homes located in North-Central India. Building and Environment, 2012, 47, 223-231.	6.9	212
966	Characteristics of particles and black carbon emitted by combustion of incenses, candles and anti-mosquito products. Building and Environment, 2012, 56, 184-191.	6.9	85
967	Effects of essential oils on the formation of formaldehyde and secondary organic aerosols in an aromatherapy environment. Building and Environment, 2012, 57, 120-125.	6.9	34
968	Application of positive matrix factorization in characterization of PM10 and PM2.5 emission sources at urban roadside. Chemosphere, 2012, 88, 120-130.	8.2	83
969	Detailed characterization of particulate emissions of an automotive catalyzed DPF using actual regeneration strategies. Experimental Thermal and Fluid Science, 2012, 39, 45-53.	2.7	69
970	Increased particle emissions from early fuel injection timing Diesel low temperature combustion. Fuel, 2012, 94, 184-190.	6.4	43
971	A comparison of submicrometer particle dose between Australian and Italian people. Environmental Pollution, 2012, 169, 183-189.	7.5	75
972	Urban air pollution produces up-regulation of myocardial inflammatory genes and dark chocolate provides cardioprotection. Experimental and Toxicologic Pathology, 2012, 64, 297-306.	2.1	34
973	Size-segregated mass concentration and water soluble inorganic ions in an urban aerosol of the Central Balkans (Belgrade). Atmospheric Environment, 2012, 46, 309-317.	4.1	31
974	Determining spatial variability in PM2.5 source impacts across Detroit, MI. Atmospheric Environment, 2012, 47, 491-498.	4.1	28
975	Processes affecting concentrations of fine particulate matter (PM2.5) in the UK atmosphere. Atmospheric Environment, 2012, 46, 115-124.	4.1	75
976	On-road diesel vehicle emission factors for nitrogen oxides and black carbon in two Chinese cities. Atmospheric Environment, 2012, 46, 45-55.	4.1	114
977	Personal exposures to PM2.5 and their relationships with microenvironmental concentrations. Atmospheric Environment, 2012, 47, 407-412.	4.1	45
978	Concentrations and properties of airborne particles in the Mexico City subway system. Atmospheric Environment, 2012, 49, 284-293.	4.1	138
979	Nucleation and Aitken mode atmospheric particles in relation to O3 and NOX at semirural background in Denmark. Atmospheric Environment, 2012, 49, 275-283.	4.1	9
980	14C-Based source assessment of carbonaceous aerosols at a rural site. Atmospheric Environment, 2012, 50, 36-40.	4.1	27
981	InÂvitro toxicological characterization of particulate emissions from residential biomass heating systems based on old and new technologies. Atmospheric Environment, 2012, 50, 24-35.	4.1	61
982	Quantitative estimation of excess mortality for drivers and passengers exposed to particulate matters in long-distance buses. Atmospheric Environment, 2012, 51, 260-267.	4.1	6

#	Article	IF	CITATIONS
983	Comparative assessment of a real-time particle monitor against the reference gravimetric method for PM10 and PM2.5 in indoor air. Atmospheric Environment, 2012, 54, 358-364.	4.1	43
984	Comparative source apportionment of PM10 in Switzerland for 2008/2009 and 1998/1999 by Positive Matrix Factorisation. Atmospheric Environment, 2012, 54, 149-158.	4.1	52
985	Chemical composition of PM10 in Switzerland: An analysis for 2008/2009 and changes since 1998/1999. Atmospheric Environment, 2012, 54, 97-106.	4.1	46
986	Size-segregated composition of particulate matter (PM) in major roadways andÂsurface streets. Atmospheric Environment, 2012, 55, 90-97.	4.1	84
987	Increasing trends in wintertime particulate sulfate and nitrate ion concentrations in the Great Plains of the United States (2000–2010). Atmospheric Environment, 2012, 55, 107-110.	4.1	27
988	Exposure to particulate matter in a mosque. Atmospheric Environment, 2012, 56, 169-176.	4.1	20
989	Intake fraction of PM2.5 and NOX from vehicle emissions in Beijing based on personal exposure data. Atmospheric Environment, 2012, 57, 233-243.	4.1	59
990	Sources of nickel, vanadium and black carbon in aerosols in Milwaukee. Atmospheric Environment, 2012, 59, 294-301.	4.1	38
991	Lymphocytic Bronchiolitis After Lung Transplantation Is Associated With Daily Changes in Air Pollution. American Journal of Transplantation, 2012, 12, 1831-1838.	4.7	36
992	Predicting secondary organic aerosol formation from terpenoid ozonolysis with varying yields in indoor environments. Indoor Air, 2012, 22, 415-426.	4.3	45
993	Penetration of ambient submicron particles into single-family residences and associations with building characteristics. Indoor Air, 2012, 22, 501-513.	4.3	93
994	Particulate air pollution and cardiorespiratory hospital admissions in a temperate Australian city: A case-crossover analysis. Science of the Total Environment, 2012, 416, 48-52.	8.0	33
995	Study of the regional air quality south of Mexico City (Morelos state). Science of the Total Environment, 2012, 414, 417-432.	8.0	22
996	Applied investigation on the interaction of hazardous elements binding on ultrafine and nanoparticles in Chinese anthracite-derived fly ash. Science of the Total Environment, 2012, 419, 250-264.	8.0	62
997	Principal component analysis optimization of a PM2.5 land use regression model with small monitoring network. Science of the Total Environment, 2012, 425, 27-34.	8.0	41
998	Efficiency of mitigation measures to reduce particulate air pollution—A case study during the Olympic Summer Games 2008 in Beijing, China. Science of the Total Environment, 2012, 427-428, 146-158.	8.0	87
999	Fine and coarse PM composition and sources in rural and urban sites in Switzerland: Local or regional pollution?. Science of the Total Environment, 2012, 427-428, 191-202.	8.0	103
1000	Estimating the health benefits from natural gas use in transport and heating in Santiago, Chile. Science of the Total Environment, 2012, 429, 257-265.	8.0	51

#	Article	IF	CITATIONS
1001	Investigating the association of cardiovascular effects with personal exposure to particle components and sources. Science of the Total Environment, 2012, 431, 176-182.	8.0	30
1002	Source characterization of PM10 and PM2.5 mass using a chemical mass balance model at urban roadside. Science of the Total Environment, 2012, 433, 8-19.	8.0	144
1003	A review on the importance of metals and metalloids in atmospheric dust and aerosol from mining operations. Science of the Total Environment, 2012, 433, 58-73.	8.0	419
1004	The occurrence of ultrafine particles in the specific environment of children. Paediatric Respiratory Reviews, 2012, 13, 89-94.	1.8	68
1005	Flexible operation of the Cap-and-Trade System for the air pollutants in the Seoul Metropolitan area. Journal of Environmental Management, 2012, 105, 138-143.	7.8	5
1006	Release of offensive odorants from the combustion of barbecue charcoals. Journal of Hazardous Materials, 2012, 215-216, 233-242.	12.4	21
1007	Respiratory health effects of diesel particulate matter. Respirology, 2012, 17, 201-212.	2.3	247
1008	Mass spectrometry of atmospheric aerosols—Recent developments and applications. Part I: Offâ€line mass spectrometry techniques. Mass Spectrometry Reviews, 2012, 31, 1-16.	5.4	90
1009	Mass spectrometry of atmospheric aerosols—Recent developments and applications. Part II: Onâ€line mass spectrometry techniques. Mass Spectrometry Reviews, 2012, 31, 17-48.	5.4	204
1010	Air pollution and health: bridging the gap from sources to health outcomes: conference summary. Air Quality, Atmosphere and Health, 2012, 5, 9-62.	3.3	54
1011	Modeling the impact of the viaduct on particles dispersion from vehicle exhaust in street canyons. Science China Technological Sciences, 2012, 55, 48-55.	4.0	18
1012	In situ measurement of PM1 organic aerosol in Beijing winter using a high-resolution aerosol mass spectrometer. Science Bulletin, 2012, 57, 819-826.	1.7	36
1013	Statistical evaluation of PM10 and distribution of PM1, PM2.5, and PM10 in ambient air due to extreme fireworks episodes (Deepawali festivals) in megacity Delhi. Natural Hazards, 2012, 61, 521-531.	3.4	87
1014	Physico-chemical characterization of African urban aerosols (Bamako in Mali and Dakar in Senegal) and their toxic effects in human bronchial epithelial cells: description of a worrying situation. Particle and Fibre Toxicology, 2013, 10, 10.	6.2	52
1015	Sources and Perceptions of Indoor and Ambient Air Pollution in Rural Alaska. Journal of Community Health, 2013, 38, 773-780.	3.8	13
1016	Exploration of health risks related to air pollution and temperature in three Latin American cities. Social Science and Medicine, 2013, 83, 110-118.	3.8	77
1017	Dynamic Changes of the Aerosol Composition and Concentration during Different Burning Phases of Wood Combustion. Energy & Fuels, 2013, 27, 4959-4968.	5.1	70
1018	Spatial Analysis of Air Pollution and Mortality in California. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 593-599.	5.6	284

#	Article	IF	CITATIONS
1019	A review on human health perspective of air pollution with respect to allergies and asthma. Environment International, 2013, 59, 41-52.	10.0	278
1020	Application of microwave digestion and ICP-MS to simultaneous analysis of major and trace elements in aerosol samples collected on quartz filters. Analytical Methods, 2013, 5, 554-559.	2.7	26
1021	Submicrometer Aerosol in Rural and Urban Backgrounds in Southern Poland: Primary and Secondary Components of PM1. Bulletin of Environmental Contamination and Toxicology, 2013, 90, 103-109.	2.7	35
1022	Long-term air pollution exposure and cardio- respiratory mortality: a review. Environmental Health, 2013, 12, 43.	4.0	1,346
1023	Assessing the public health impacts of urban air pollution in 25 European cities: Results of the Aphekom project. Science of the Total Environment, 2013, 449, 390-400.	8.0	330
1024	Identification of significant factors for air pollution levels using a neural network based knowledge discovery system. Neurocomputing, 2013, 99, 564-569.	5.9	33
1025	An Observational Perspective on the Atmospheric Impacts of Alkyl and Multifunctional Nitrates on Ozone and Secondary Organic Aerosol. Chemical Reviews, 2013, 113, 5848-5870.	47.7	211
1026	Particulate matter pollution in African cities. Air Quality, Atmosphere and Health, 2013, 6, 603-614.	3.3	110
1027	Impact of biomass burning and weather conditions on children's health in a city of Western Amazon region. Air Quality, Atmosphere and Health, 2013, 6, 517-525.	3.3	19
1028	Long-term exposure to outdoor air pollution and the prevalence of asthma: meta-analysis of multi-community prevalence studies. Air Quality, Atmosphere and Health, 2013, 6, 57-68.	3.3	59
1029	An assessment of air pollution and its attributable mortality in Ulaanbaatar, Mongolia. Air Quality, Atmosphere and Health, 2013, 6, 137-150.	3.3	118
1030	Human health damage caused by particulate matter PM10 and ozone in urban environments: the case of Athens, Greece. Environmental Monitoring and Assessment, 2013, 185, 6933-6942.	2.7	31
1031	Exposure to inhaled particulate matter activates early markers of oxidative stress, inflammation and unfolded protein response in rat striatum. Toxicology Letters, 2013, 222, 146-154.	0.8	100
1032	Review on alcohol fumigation on diesel engine: A viable alternative dual fuel technology for satisfactory engine performance and reduction of environment concerning emission. Renewable and Sustainable Energy Reviews, 2013, 26, 739-751.	16.4	166
1033	Retrieval of the Haze Optical Thickness in North China Plain Using MODIS Data. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2528-2540.	6.3	43
1034	Reductions of PM2.5 Air Concentrations and Possible Effects on Premature Mortality in Japan. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	15
1035	PM10 source apportionment in a Swiss Alpine valley impacted by highway traffic. Environmental Science and Pollution Research, 2013, 20, 6496-6508.	5.3	24
1036	Air pollution: a potentially modifiable risk factor for lung cancer. Nature Reviews Cancer, 2013, 13, 674-678.	28.4	189

		CITATION RE	PORT	
#	Article		IF	Citations
1037	Ambient air SO2 patterns in 6 European cities. Atmospheric Environment, 2013, 79, 23	6-247.	4.1	49
1038	Estimates of global mortality attributable to particulate air pollution using satellite ima Environmental Research, 2013, 120, 33-42.	gery.	7.5	228
1039	Pulmonary inflammation and tissue damage in the mouse lung after exposure to PM sa biomass heating appliances of old and modern technologies. Science of the Total Envir 443, 256-266.	mples from onment, 2013,	8.0	62
1040	Associations between ambient air pollution and prevalence of stroke and cardiovascula 33 Chinese communities. Atmospheric Environment, 2013, 77, 968-973.	r diseases in	4.1	23
1041	New Directions: Satellite driven PM2.5 exposure models to support targeted particle po effects research. Atmospheric Environment, 2013, 68, 52-53.	ollution health	4.1	28
1042	Effects of species-specific leaf characteristics and reduced water availability on fine par efficiency of trees. Environmental Pollution, 2013, 183, 64-70.	ticle capture	7.5	127
1043	Air Quality and Climate Impacts Due to CNG Conversion of Motor Vehicles in Dhaka, Ba Environmental Science & Technology, 2013, 47, 13907-13916.	angladesh.	10.0	25
1044	Nanoparticle emissions from 11 non-vehicle exhaust sources – A review. Atmospheric 2013, 67, 252-277.	: Environment,	4.1	279
1045	Role of atmospheric ammonia in particulate matter formation in Houston during summ Atmospheric Environment, 2013, 77, 893-900.	iertime.	4.1	68
1046	A chromatographic method to analyze products from photo-oxidation of anthropogeni mixtures of volatile organic compounds in smog chambers. Talanta, 2013, 106, 20-28.	c and biogenic	5.5	4
1047	The challenge of obtaining correct data for cellular release of inflammatory mediators a exposure to particulate matter. Toxicology Letters, 2013, 221, 110-117.	fter in vitro	0.8	12
1048	Organic composition of size segregated atmospheric particulate matter, during summe sampling campaigns at representative sites in Madrid, Spain. Atmospheric Research, 20	er and winter 13, 132-133, 345-361.	4.1	60
1049	Impact of various biodiesel fuels obtained from edible and non-edible oils on engine exh noise emissions. Renewable and Sustainable Energy Reviews, 2013, 18, 552-567.	aust gas and	16.4	176
1050	Aerosol-based modelling of infiltration of ambient PM2.5 and evaluation against popula measurements in homes in Helsinki, Finland. Journal of Aerosol Science, 2013, 66, 111-	ation-based 122.	3.8	24
1051	InÂvitro evaluation of pulmonary deposition of airborne volcanic ash. Atmospheric Envi 70, 18-27.	ronment, 2013,	4.1	22
1052	NO3 radical, OH radical and O3-initiated secondary aerosol formation from aliphatic an Atmospheric Environment, 2013, 72, 105-112.	nines.	4.1	44
1053	Identification of potential source areas for elevated PM2.5, nitrate and sulfate concent Atmospheric Environment, 2013, 71, 187-197.	rations.	4.1	21
1054	Spatiotemporal Land Use Regression Models of Fine, Ultrafine, and Black Carbon Partic New Delhi, India. Environmental Science & amp; Technology, 2013, 47, 12903-12911.	ulate Matter in	10.0	122

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#	Article	IF	CITATIONS
1055	Properties and Inflammatory Effects of Various Size Fractions of Ambient Particulate Matter from Beijing on A549 and J774A.1 Cells. Environmental Science & Technology, 2013, 47, 130904143311008.	10.0	19
1056	Acute Exposure to Air Pollution Triggers Atrial Fibrillation. Journal of the American College of Cardiology, 2013, 62, 816-825.	2.8	168
1057	An improved methodology for determining threshold sooting indices from smoke point lamps. Fuel, 2013, 111, 120-130.	6.4	52
1058	Influence of ambient air pollution on global DNA methylation in healthy adults: A seasonal follow-up. Environment International, 2013, 59, 418-424.	10.0	103
1059	Sources of metals and bromine-containing particles in Milwaukee. Atmospheric Environment, 2013, 73, 124-130.	4.1	13
1060	Bioavailability and potential carcinogenicity of polycyclic aromatic hydrocarbons from wood combustion particulate matter in vitro. Chemico-Biological Interactions, 2013, 206, 411-422.	4.0	12
1061	Impact of Roadside Tree Lines on Indoor Concentrations of Traffic-Derived Particulate Matter. Environmental Science & Technology, 2013, 47, 13737-13744.	10.0	98
1062	Associations of particulate air pollution and daily mortality in 16 Chinese cities: An improved effect estimate after accounting for the indoor exposure to particles of outdoor origin. Environmental Pollution, 2013, 182, 278-282.	7.5	41
1063	Glycolaldehyde Monomer and Oligomer Equilibria in Aqueous Solution: Comparing Computational Chemistry and NMR Data. Journal of Physical Chemistry A, 2013, 117, 2997-3008.	2.5	49
1064	Marginal costs of freeway traffic congestion with on-road pollution exposure externality. Transportation Research, Part A: Policy and Practice, 2013, 57, 12-24.	4.2	19
1065	Chemical profile identification of fugitive and confined particle emissions from an integrated iron and steelmaking plant. Journal of Hazardous Materials, 2013, 250-251, 246-255.	12.4	113
1066	Chemical composition and microphysical characteristics of atmospheric aerosol over moscow and its vicinity in June 2009 and during the fire peak of 2010. Izvestiya - Atmospheric and Oceanic Physics, 2013, 49, 765-778.	0.9	9
1067	Cell cycle alterations induced by urban PM2.5 in bronchial epithelial cells: characterization of the process and possible mechanisms involved. Particle and Fibre Toxicology, 2013, 10, 63.	6.2	180
1068	Effects of diesel exposure on lung function and inflammation biomarkers from airway and peripheral blood of healthy volunteers in a chamber study. Particle and Fibre Toxicology, 2013, 10, 60.	6.2	76
1069	Risk assessment and spatial chemical variability of PM collected at selected bus stations. Air Quality, Atmosphere and Health, 2013, 6, 725-735.	3.3	9
1070	Impacts of 21st century climate change on global air pollution-related premature mortality. Climatic Change, 2013, 121, 239-253.	3.6	91
1071	Air quality comparison between two European ceramic tile clusters. Atmospheric Environment, 2013, 74, 311-319.	4.1	21
1072	Chemical composition of PM2.5 in an urban environment in Chengdu, China: Importance of springtime dust storms and biomass burning. Atmospheric Research, 2013, 122, 270-283.	4.1	236

#	Article	IF	CITATIONS
1073	Interactive short-term effects of equivalent temperature and air pollution on human mortality in Berlin and Lisbon. Environmental Pollution, 2013, 183, 54-63.	7.5	103
1074	Characterization and source identification of airborne particulate loadings at receptor site-classes of Lagos Mega-City, Nigeria. Journal of the Air and Waste Management Association, 2013, 63, 1026-1035.	1.9	33
1075	Field study and source attribution for PM <sub>2.5</sub> and PM <sub>10</sub> with resulting reduction in concentrations in the neighborhood north of the Houston Ship Channel based on voluntary efforts. Journal of the Air and Waste Management Association, 2013, 63, 1070-1082.	1.9	17
1076	Ultrafine particle concentrations in the surroundings of an urban area: comparing downwind to upwind conditions using Generalized Additive Models (GAMs). Environmental Sciences: Processes and Impacts, 2013, 15, 2087.	3.5	3
1077	A comparative assessment of PM <sub>2.5</sub> exposures in light-rail, subway, freeway, and surface street environments in Los Angeles and estimated lung cancer risk. Environmental Sciences: Processes and Impacts, 2013, 15, 234-243.	3.5	48
1078	Comparison between two different nanoparticle size spectrometers. Journal of the Air and Waste Management Association, 2013, 63, 918-925.	1.9	4
1079	Understanding the role of grid turbulence in enhancing PM10 deposition: Scaling the Stokes number with Rλ. Physics of Fluids, 2013, 25, .	4.0	8
1080	Measurement error in twoâ€stage analyses, with application to air pollution epidemiology. Environmetrics, 2013, 24, 501-517.	1.4	98
1081	Experimental Study of Solid Particle Deposition in 90° Ventilated Bends of Rectangular Cross Section with Turbulent Flow. Aerosol Science and Technology, 2013, 47, 115-124.	3.1	23
1082	A low-cost particle counter as a realtime fine-particle mass monitor. Environmental Sciences: Processes and Impacts, 2013, 15, 433-439.	3.5	100
1083	GLIMPSE: A Rapid Decision Framework for Energy and Environmental Policy. Environmental Science & Technology, 2013, 47, 12011-12019.	10.0	25
1084	Development and Evaluation of a High-Volume Aerosol-into-Liquid Collector for Fine and Ultrafine Particulate Matter. Aerosol Science and Technology, 2013, 47, 1226-1238.	3.1	31
1085	Air pollution and multiple acute respiratory outcomes. European Respiratory Journal, 2013, 42, 304-313.	6.7	111
1086	A reanalysis of fine particulate matter air pollution versus life expectancy in the United States. Journal of the Air and Waste Management Association, 2013, 63, 133-135.	1.9	6
1087	Analysis of long-range transport of aerosols for Portugal using 3D chemical transport model and satellite measurements. Atmospheric Environment, 2013, 64, 229-241.	4.1	8
1088	Adverse effect of outdoor air pollution on cardiorespiratory fitness in Chinese children. Atmospheric Environment, 2013, 64, 10-17.	4.1	15
1089	In-vehicle particle air pollution and its mitigation. Atmospheric Environment, 2013, 64, 320-328.	4.1	61
1090	Characteristics and health impacts of particulate matter pollution in China (2001–2011). Atmospheric Environment, 2013, 65, 186-194.	4.1	192

#	Article	IF	Citations
1091	Comparison of polycyclic aromatic hydrocarbon emissions on gasoline- and diesel-dominated routes. Environmental Monitoring and Assessment, 2013, 185, 5749-5761.	2.7	34
1092	Variation in the Composition and In Vitro Proinflammatory Effect of Urban Particulate Matter from Different Sites. Journal of Biochemical and Molecular Toxicology, 2013, 27, 87-97.	3.0	34
1093	Secondhand smoke exposure levels in outdoor hospitality venues: a qualitative and quantitative review of the research literature. Tobacco Control, 2013, 22, 172-179.	3.2	24
1094	Fate and Health Impact of Inorganic Manufactured Nanoparticles. , 2013, , 245-267.		2
1095	Air quality and public health impacts of UK airports. Part II: Impacts and policy assessment. Atmospheric Environment, 2013, 67, 184-192.	4.1	98
1096	Impact of a cleaner-burning cookstove intervention on blood pressure in Nicaraguan women. Indoor Air, 2013, 23, 105-114.	4.3	66
1097	A Spatial Time-to-Event Approach for Estimating Associations Between Air Pollution and Preterm Birth. Journal of the Royal Statistical Society Series C: Applied Statistics, 2013, 62, 167-179.	1.0	17
1098	A Case-Crossover Analysis of Out-of-Hospital Cardiac Arrest and Air Pollution. Circulation, 2013, 127, 1192-1199.	1.6	112
1099	Particulate matter and student exposure in school classrooms in Lublin, Poland. Environmental Research, 2013, 120, 134-139.	7.5	27
1100	Differentiating the associations of black carbon and fine particle with daily mortality in a Chinese city. Environmental Research, 2013, 120, 27-32.	7.5	100
1101	Effects of fuel constituents and injection timing on combustion and emission characteristics of a compression-ignition engine fueled with diesel-DMM blends. Proceedings of the Combustion Institute, 2013, 34, 3013-3020.	3.9	49
1102	Influence of transboundary air pollutants from China on the high-PM10 episode in Seoul, Korea for the period October 16–20, 2008. Atmospheric Environment, 2013, 77, 430-439.	4.1	93
1103	Children exposure assessment to ultrafine particles and black carbon: The role of transport and cooking activities. Atmospheric Environment, 2013, 79, 53-58.	4.1	116
1104	Race, socioeconomic status, and air pollution exposure in North Carolina. Environmental Research, 2013, 126, 152-158.	7.5	109
1105	Source apportionments of PM2.5 organic carbon using molecular marker Positive Matrix Factorization and comparison of results from different receptor models. Atmospheric Environment, 2013, 73, 51-61.	4.1	95
1106	Effects of ozone and fine particulate matter (PM2.5) on rat system inflammation and cardiac function. Toxicology Letters, 2013, 217, 23-33.	0.8	105
1107	Season linked responses to fine and quasi-ultrafine Milan PM in cultured cells. Toxicology in Vitro, 2013, 27, 551-559.	2.4	87
1108	Reducing indoor air pollution by air conditioning is associated with improvements in cardiovascular health among the general population. Science of the Total Environment, 2013, 463-464, 176- <u>1</u> 81.	8.0	48

#	Article	IF	CITATIONS
1109	Microfabricated air-microfluidic sensor for personal monitoring of airborne particulate matter: Design, fabrication, and experimental results. Sensors and Actuators A: Physical, 2013, 201, 506-516.	4.1	91
1110	The impact of long-range-transport on PM1 and PM2.5 at a Central Mediterranean site. Atmospheric Environment, 2013, 71, 176-186.	4.1	101
1111	Effects of active and passive tobacco cigarette smoking on heart rate variability. International Journal of Cardiology, 2013, 163, 109-115.	1.7	102
1112	Ultrafine particles dispersion modeling in a street canyon: Development and evaluation of a composite lattice Boltzmann model. Science of the Total Environment, 2013, 463-464, 478-487.	8.0	8
1113	Contribution of ship emissions to the fine particulate in the community near an international port in Hong Kong. Atmospheric Research, 2013, 124, 61-72.	4.1	81
1114	Assessing air quality with regards to its effect on human health in the European Union through air quality indices. Ecological Indicators, 2013, 27, 108-115.	6.3	47
1115	Diurnal and seasonal variations of black carbon and PM2.5 over New Delhi, India: Influence of meteorology. Atmospheric Research, 2013, 125-126, 50-62.	4.1	246
1116	Long-term exposure to traffic-related air pollution and the risk of death from hemorrhagic stroke and lung cancer in Shizuoka, Japan. Science of the Total Environment, 2013, 443, 397-402.	8.0	76
1117	Forest fires in Northern region of Portugal: Impact on PM levels. Atmospheric Research, 2013, 127, 148-153.	4.1	13
1118	Associations between fine particle, coarse particle, black carbon and hospital visits in a Chinese city. Science of the Total Environment, 2013, 458-460, 1-6.	8.0	71
1119	Building statistical associations to forecast ethylbenzene levels in European urban-traffic environments. Environmental Pollution, 2013, 177, 125-134.	7.5	3
1120	Seasonal variation in the acute effect of particulate air pollution on mortality in the China Air Pollution and Health Effects Study (CAPES). Science of the Total Environment, 2013, 450-451, 259-265.	8.0	112
1121	Communicating air pollution-related health risks to the public: An application of the Air Quality Health Index in Shanghai, China. Environment International, 2013, 51, 168-173.	10.0	102
1122	Particulate matter neurotoxicity in culture is size-dependent. NeuroToxicology, 2013, 36, 112-117.	3.0	56
1123	Rapid Detection of Trace Heavy Metals using Laser Breakdown Time-of-Flight Mass Spectrometry. Procedia Environmental Sciences, 2013, 18, 329-337.	1.4	3
1125	Oxidative stress and cytokine expression in respiratory epithelial cells exposed to well-characterized aerosols from Kabul, Afghanistan. Toxicology in Vitro, 2013, 27, 825-833.	2.4	19
1126	Holm Oak (Quercus ilex L.) canopy as interceptor of airborne trace elements and their accumulation in the litter and topsoil. Environmental Pollution, 2013, 183, 89-95.	7.5	36
1127	A framework to spatially cluster air pollution monitoring sites in US based on the PM2.5 composition. Environment International, 2013, 59, 244-254.	10.0	85

#	Article	IF	CITATIONS
1128	Unanticipated potential cancer risk near metal recycling facilities. Environmental Impact Assessment Review, 2013, 41, 70-77.	9.2	17
1129	Assessing exposure risk for dust storm events-associated lung function decrement in asthmatics and implications for control. Atmospheric Environment, 2013, 68, 256-264.	4.1	27
1130	Characteristics of carbonaceous aerosol in the region of Beijing, Tianjin, and Hebei, China. Atmospheric Environment, 2013, 71, 389-398.	4.1	143
1131	Empirical relationship between particulate matter and aerosol optical depth over Northern Tien-Shan, Central Asia. Air Quality, Atmosphere and Health, 2013, 6, 385-396.	3.3	26
1132	Atmospheric aerosols at a regional background Himalayan site—Mukteshwar, India. Environmental Monitoring and Assessment, 2013, 185, 4753-4764.	2.7	26
1133	Measurements and simulation of speciated PM2.5 in south-west Europe. Atmospheric Environment, 2013, 77, 36-50.	4.1	11
1134	Development and application of a model (ExDoM) for calculating the respiratory tract dose and retention of particles under variable exposure conditions. Air Quality, Atmosphere and Health, 2013, 6, 13-26.	3.3	33
1135	Development of Land Use Regression Models for Particle Composition in Twenty Study Areas in Europe. Environmental Science & amp; Technology, 2013, 47, 5778-5786.	10.0	167
1136	Role of the Aerosol Phase State in Ammonia/Amines Exchange Reactions. Environmental Science & Technology, 2013, 47, 5755-5762.	10.0	53
1137	Health effects of daily airborne particle dose in children: Direct association between personal dose and respiratory health effects. Environmental Pollution, 2013, 180, 246-250.	7.5	119
1138	Chronic obstructive pulmonary disease and cardiovascular disease. Translational Research, 2013, 162, 237-251.	5.0	174
1139	Probing molecular associations of fieldâ€collected and laboratoryâ€generated SOA with nanoâ€DESI highâ€resolution mass spectrometry. Journal of Geophysical Research D: Atmospheres, 2013, 118, 1042-1051.	3.3	19
1140	Source apportionment of traffic emissions of particulate matter using tunnel measurements. Atmospheric Environment, 2013, 77, 548-557.	4.1	184
1141	Acute health impacts of airborne particles estimated from satellite remote sensing. Environment International, 2013, 51, 150-159.	10.0	44
1142	Upward and downward solar-induced chlorophyll fluorescence yield indices of four tree species as indicators of traffic pollution in Valencia. Environmental Pollution, 2013, 173, 29-37.	7.5	89
1143	Early life exposure to air pollution: How bad is it?. Toxicology Letters, 2013, 216, 47-53.	0.8	130
1144	Indoor Air Quality and Thermal Comfort—Results of a Pilot Study in Elderly Care Centers in Portugal. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 333-344.	2.3	74
1145	Outdoor radon and traffic load levels as cumulative indicators of PM <sub>10</sub> and benzene air pollution. Journal of the Air and Waste Management Association, 2013, 63, 971-976.	1.9	1

#	Article	IF	CITATIONS
1146	Application of the Environmental Internet of Things on monitoring PM <sub>2.5</sub> at a coastal site in the urbanizing region of southeast China. International Journal of Sustainable Development and World Ecology, 2013, 20, 231-237.	5.9	11
1147	Reducing Fine Particulate to Improve Health: A Health Impact Assessment for Taiwan. Archives of Environmental and Occupational Health, 2013, 68, 3-12.	1.4	5
1148	Experimental investigation of the effects of AFR, spark advance and EGR on nanoparticle emissions in a PFI SI engine. Journal of Aerosol Science, 2013, 64, 1-10.	3.8	27
1149	Seasonal variation in the toxicological properties of size-segregated indoor and outdoor air particulate matter. Toxicology in Vitro, 2013, 27, 1550-1561.	2.4	35
1150	Spatial sensitivities of human health risk to intercontinental and high-altitude pollution. Atmospheric Environment, 2013, 71, 140-147.	4.1	46
1151	Comparison of emissions and toxicological properties of fine particles from wood and oil boilers in small (20–25ÂkW) and medium (5–10ÂMW) scale. Atmospheric Environment, 2013, 77, 193-201.	4.1	57
1152	Particulate pollution in an underground car park in Wuhan, China. Particuology, 2013, 11, 94-98.	3.6	27
1153	Short-term effect of ambient air pollution on COPD mortality in four Chinese cities. Atmospheric Environment, 2013, 77, 149-154.	4.1	57
1154	Analysis of particulate matter in anthropized areas characterized by the presence of crude oil pre-treatment plants: The case study of the Agri Valley (Southern Italy). Atmospheric Environment, 2013, 77, 105-116.	4.1	19
1155	Impact of biomass burning sources on seasonal aerosol air quality. Atmospheric Environment, 2013, 67, 437-447.	4.1	74
1156	Alignment of policies to maximize the climate benefits of diesel vehicles through control of particulate matter and black carbon emissions. Energy Policy, 2013, 54, 54-61.	8.8	19
1157	Source apportionment and organic compound characterization of ambient ultrafine particulate matter (PM) in the Los Angeles Basin. Atmospheric Environment, 2013, 79, 529-539.	4.1	63
1158	Beijing ambient particle exposure accelerates atherosclerosis in ApoE knockout mice. Toxicology Letters, 2013, 223, 146-153.	0.8	72
1159	A PEMS study of the emissions of gaseous pollutants and ultrafine particles from gasoline- and diesel-fueled vehicles. Atmospheric Environment, 2013, 77, 703-710.	4.1	83
1160	Chronic exposure to volcanogenic air pollution as cause of lung injury. Environmental Pollution, 2013, 181, 24-30.	7.5	17
1161	A regional assessment of marine vessel PM2.5 impacts in the U.S. Pacific Northwest using a receptor-based source apportionment method. Atmospheric Environment, 2013, 68, 103-111.	4.1	17
1162	Minimizing the Health and Climate Impacts of Emissions from Heavy-Duty Public Transportation Bus Fleets through Operational Optimization. Environmental Science & Technology, 2013, 47, 3734-3742.	10.0	15
1163	Estimating the concentration of indoor particles of outdoor origin: A review. Journal of the Air and Waste Management Association, 2013, 63, 1113-1129.	1.9	134

# 1164	ARTICLE The Recent and Future Health Burden of Air Pollution Apportioned Across U.S. Sectors. Environmental Science & Technology, 2013, 47, 3580-3589.	IF 10.0	CITATIONS
1165	Atmospheric pollution and mortality. A comparative study between two Latin American cities: Buenos Aires (Argentina) and Santiago (Chile). International Journal of Environment and Health, 2013, 6, 363.	0.3	8
1166	Particulate Matter: Environmental Monitoring and Mitigation. , 2013, , .		1
1167	Association of proximity to polluting industries, deprivation and mortality in small areas of the Basque Country (Spain). European Journal of Public Health, 2013, 23, 171-176.	0.3	12
1168	Residential Wood Burning: A Major Source of Fine Particulate Matter in Alpine Valleys in Central Europe. Handbook of Environmental Chemistry, 2013, , 123-140.	0.4	2
1169	Identification and Characterization of Black Carbon Aerosol Sources in the East Baltic Region. Advances in Meteorology, 2013, 2013, 1-11.	1.6	10
1170	Air Pollutant Characterization in Tula Industrial Corridor, Central Mexico, during the MILAGRO Study. BioMed Research International, 2013, 2013, 1-13.	1.9	12
1171	The effect of local sources on aerosol particle number size distribution, concentrations and fluxes in Helsinki, Finland. Tellus, Series B: Chemical and Physical Meteorology, 2022, 65, 19786.	1.6	32
1172	A decision-tree-based approach to smoke spike detection in a heavy-duty diesel engine. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2013, 227, 1112-1129.	1.9	7
1173	Short-term chamber exposure to low doses of two kinds of wood smoke does not induce systemic inflammation, coagulation or oxidative stress in healthy humans. Inhalation Toxicology, 2013, 25, 417-425.	1.6	35
1176	Population Dynamics and Air Pollution: The Impact of Demographics on Health Impact Assessment of Air Pollution. Journal of Environmental and Public Health, 2013, 2013, 1-12.	0.9	9
1177	Evaluation of <i>In Vitro</i> Cytoxicity and Genotoxicity of Size-Fractionated Air Particles Sampled during Road Tunnel Construction. BioMed Research International, 2013, 2013, 1-9.	1.9	7
1178	Short-term Associations between Fine and Coarse Particulate Matter and Hospitalizations in Southern Europe: Results from the MED-PARTICLES Project. Environmental Health Perspectives, 2013, 121, 1026-1033.	6.0	180
1179	Associations between Fine and Coarse Particles and Mortality in Mediterranean Cities: Results from the MED-PARTICLES Project. Environmental Health Perspectives, 2013, 121, 932-938.	6.0	193
1180	Aerosol optical depth (AOD) retrieval using simultaneous GOES-East and GOES-West reflected radiances over the western United States. Atmospheric Measurement Techniques, 2013, 6, 471-486.	3.1	17
1181	Assessments of population exposure to environmental pollutants using air quality measurements during Commonwealth Games-2010. Inhalation Toxicology, 2013, 25, 333-340.	1.6	12
1182	Fine particulate air pollution and hospital admissions for congestive heart failure: a case-crossover study in Taipei. Inhalation Toxicology, 2013, 25, 455-460.	1.6	21
1183	The ToF-ACSM: a portable aerosol chemical speciation monitor with TOFMS detection. Atmospheric Measurement Techniques, 2013, 6, 3225-3241.	3.1	184

#	Article	IF	Citations
1184	Long-term Exposure to Black Carbon and Carotid Intima-Media Thickness: The Normative Aging Study. Environmental Health Perspectives, 2013, 121, 1061-1067.	6.0	67
1185	Improving the representation of secondary organic aerosol (SOA) in the MOZART-4 global chemical transport model. Geoscientific Model Development, 2013, 6, 961-980.	3.6	11
1186	Gestational Diabetes and Preeclampsia in Association with Air Pollution at Levels below Current Air Quality Guidelines. Environmental Health Perspectives, 2013, 121, 488-493.	6.0	128
1187	Changes in Traffic Exposure and the Risk of Incident Myocardial Infarction and All-Cause Mortality. Epidemiology, 2013, 24, 734-742.	2.7	50
1188	Short-Term Effects of Fine Particulate Air Pollution on Emergency Room Visits for Cardiac Arrhythmias: A Case-Crossover Study in Taipei. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 614-623.	2.3	48
1189	Climate Change in the Northwest. , 2013, , .		46
1190	The relationships between short-term exposure to particulate matter and mortality in Korea: impact of particulate matter exposure metrics for sub-daily exposures. Environmental Research Letters, 2013, 8, 014015.	5.2	23
1191	Exploring the consequences of climate change for indoor air quality. Environmental Research Letters, 2013, 8, 015022.	5.2	84
1192	Fine and coarse particulate air pollution in relation to respiratory health in Sweden. European Respiratory Journal, 2013, 42, 924-934.	6.7	40
1193	Effect of Air Pollution Control on Life Expectancy in the United States. Epidemiology, 2013, 24, 23-31.	2.7	325
1194	Temporal distribution of fine particulates (PM <sub>2.5,</sub> PM <sub>10</sub> ), potentially toxic metals, PAHs and Metal-bound carcinogenic risk in the population of Lucknow City, India. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 730-745.	1.7	99
1195	Indoor/ Outdoor Particulate Matter Concentrations at Some Elementary Schools in Jeddah, Saudi Arabia. Journal of King Abdulaziz University-Meteorology Environment and Arid Land Agriculture Sciences, 2013, 24, 77-95.	0.1	0
1196	Turning Point Mechanisms in a Dualistic Process Model of Institutional Emergence: The Case of the Diesel Particulate Filter in Germany. Organization Studies, 2013, 34, 781-822.	5.3	39
1197	Pedestrian Exposure to Air Pollution in Cities: Modeling the Effect of Roadside Trees. Advances in Meteorology, 2013, 2013, 1-7.	1.6	27
1198	Sensitive Measurement of Trace Mercury Using Low Pressure Laser-Induced Plasma. Japanese Journal of Applied Physics, 2013, 52, 11NC05.	1.5	6
1199	Niveles de PartÃculas Suspendidas Totales (PST), PM10 y PM2.5 y su Relación en Lugares Públicos de la Ciudad Riohacha, Caribe Colombiano. Informacion Tecnologica (discontinued), 2013, 24, 37-46.	0.3	6
1200	Do Psychosocial Stress and Social Disadvantage Modify the Association Between Air Pollution and Blood Pressure?: The Multi-Ethnic Study of Atherosclerosis. American Journal of Epidemiology, 2013, 178, 1550-1562.	3.4	39
1201	Quantification of Particulate Matter from Commercial Building Excavation Activities Using Life-Cycle Approach. Journal of Construction Engineering and Management - ASCE, 2013, 139, .	3.8	13

#	Article	IF	CITATIONS
1202	Pilot study of high-performance air filtration for classroom applications. Indoor Air, 2013, 23, 185-195.	4.3	60
1203	Fine Particulate Air Pollution and Hospital Admissions for Myocardial Infarction in a Subtropical City: Taipei, Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 440-448.	2.3	42
1204	Short-Term Effects of Fine Particulate Air Pollution on Ischemic Stroke Occurrence: A Case-Crossover Study. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 1188-1197.	2.3	15
1205	Diesel Exhaust Particles Induce Aberrant Alveolar Epithelial Directed Cell Movement by Disruption of Polarity Mechanisms. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2013, 76, 71-85.	2.3	13
1206	Air quality, mortality, and economic benefits of a smoke - free workplace law for non-smoking Ontario bar workers. Indoor Air, 2013, 23, 93-104.	4.3	9
1207	lschemic heart disease mortality and PM <sub>3.5</sub> in a cohort of autoworkers. American Journal of Industrial Medicine, 2013, 56, 317-325.	2.1	14
1208	Composition and Source Apportionment of Organic Aerosol in Beirut, Lebanon, During Winter 2012. Aerosol Science and Technology, 2013, 47, 1258-1266.	3.1	23
1209	Health benefits of particle filtration. Indoor Air, 2013, 23, 357-368.	4.3	103
1210	Indoor and outdoor particulate matter and endotoxin concentrations in an intensely agricultural county. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 299-305.	3.9	39
1211	Air pollution from bushfires and their association with hospital admissions in Sydney, Newcastle and Wollongong, Australia 1994–2007. Australian and New Zealand Journal of Public Health, 2013, 37, 238-243.	1.8	90
1212	Acute effects of urban and industrial pollution in a government-designated "Environmental risk area― the case of Brindisi, Italy. International Journal of Environmental Health Research, 2013, 23, 446-460.	2.7	10
1213	Characteristics of particulate constituents and gas precursors during the episode and non-episode periods. Journal of the Air and Waste Management Association, 2013, 63, 27-40.	1.9	2
1214	Association between ambient particulate matter and daily cause-specific mortality in Tanggu, Tianjin Binhai New Area, China. International Journal of Environmental Health Research, 2013, 23, 205-214.	2.7	15
1215	Particulate matter concentrations during desert dust outbreaks and daily mortality in Nicosia, Cyprus. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 275-280.	3.9	83
1216	Comparing exposure metrics for the effects of fine particulate matter on emergency hospital admissions. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 627-636.	3.9	16
1217	Secondary organic aerosol characterisation at field sites across the United States during the spring–summer period. International Journal of Environmental Analytical Chemistry, 2013, 93, 1084-1103.	3.3	59
1218	The World Trade Center disaster: a tragic source of medical advancement. European Respiratory Journal, 2013, 41, 999-1001.	6.7	5
1219	Particulate Matter Emissions Reductions due to Adoption of Clean Diesel Technology at a Major Shipping Port. Aerosol Science and Technology, 2013, 47, 29-36.	3.1	18

#	Article	IF	CITATIONS
1220	Chemical characterization and source apportionment of PM10 and PM2.5 in the metropolitan area of Costa Rica, Central America. Atmospheric Pollution Research, 2013, 4, 181-190.	3.8	34
1221	Climate and air quality trade-offs in altering ship fuel sulfur content. Atmospheric Chemistry and Physics, 2013, 13, 12059-12071.	4.9	35
1222	Photo-oxidation of pinonaldehyde at low NO <sub>x</sub> : from chemistry to organic aerosol formation. Atmospheric Chemistry and Physics, 2013, 13, 3227-3236.	4.9	27
1223	Coupling field and laboratory measurements to estimate the emission factors of identified and unidentified trace gases for prescribed fires. Atmospheric Chemistry and Physics, 2013, 13, 89-116.	4.9	266
1224	Presenting SAPUSS: Solving Aerosol Problem by Using Synergistic Strategies in Barcelona, Spain. Atmospheric Chemistry and Physics, 2013, 13, 8991-9019.	4.9	27
1225	Hourly elemental concentrations in PM <sub>2.5</sub> aerosols sampled simultaneously at urban background and road site during SAPUSS – diurnal variations and PMF receptor modelling. Atmospheric Chemistry and Physics, 2013, 13, 4375-4392.	4.9	155
1226	Application of WRF/Chem-MADRID and WRF/Polyphemus in Europe – Part 1: Model description, evaluation of meteorological predictions, and aerosol–meteorology interactions. Atmospheric Chemistry and Physics, 2013, 13, 6807-6843.	4.9	45
1227	Particle number concentrations over Europe in 2030: the role of emissions and new particle formation. Atmospheric Chemistry and Physics, 2013, 13, 10271-10283.	4.9	12
1228	Impact of the North Atlantic Oscillation on European aerosol ground levels through local processes: a seasonal model-based assessment using fixed anthropogenic emissions. Atmospheric Chemistry and Physics, 2013, 13, 11195-11207.	4.9	31
1229	Air pollution and associated human mortality: the role of air pollutant emissions, climate change and methane concentration increases from the preindustrial period to present. Atmospheric Chemistry and Physics, 2013, 13, 1377-1394.	4.9	148
1230	Long-term observations of aerosol size distributions in semi-clean and polluted savannah in South Africa. Atmospheric Chemistry and Physics, 2013, 13, 1751-1770.	4.9	44
1231	Characterization of urban aerosol in Cork city (Ireland) using aerosol mass spectrometry. Atmospheric Chemistry and Physics, 2013, 13, 4997-5015.	4.9	75
1232	Source apportionment of fine PM and sub-micron particle number concentrations at a regional background site in the western Mediterranean: a 2.5 year study. Atmospheric Chemistry and Physics, 2013, 13, 5173-5187.	4.9	62
1233	Particle and gaseous emissions from individual diesel and CNG buses. Atmospheric Chemistry and Physics, 2013, 13, 5337-5350.	4.9	62
1234	Wintertime aerosol chemical composition and source apportionment of the organic fraction in the metropolitan area of Paris. Atmospheric Chemistry and Physics, 2013, 13, 961-981.	4.9	391
1235	Mobile phone tracking: in support of modelling traffic-related air pollution contribution to individual exposure and its implications for public health impact assessment. Environmental Health, 2013, 12, 93.	4.0	49
1236	Immunological Assays as an Opportunity of Assessment of Health Risks of Airborne Particle Mixture Including Nanoparticles. Journal of Physics: Conference Series, 2013, 429, 012032.	0.4	1
1237	Analysis of image color and effective bandwidth as a tool for assessing air pollution at urban spatiotemporal scale. Proceedings of SPIE, 2013, , .	0.8	3

#	Article	IF	CITATIONS
1238	Application of OMI, SCIAMACHY, and GOMEâ€2 satellite SO <sub>2</sub> retrievals for detection of large emission sources. Journal of Geophysical Research D: Atmospheres, 2013, 118, 11,399.	3.3	102
1239	The PM2.5 Fine Particle Background Network of the German Meteorological Service-First Results. Meteorologische Zeitschrift, 2013, 22, 187-194.	1.0	1
1240	Using synthetic tracers as a proxy for summertime PM <sub>2.5</sub> air quality over the Northeastern United States in physical climate models. Geophysical Research Letters, 2013, 40, 755-760.	4.0	5
1241	Effects of Airborne Metals on Lung Function in Inner Mongolian Schoolchildren. Journal of Occupational and Environmental Medicine, 2013, 55, 80-86.	1.7	10
1242	Associations of Particulate Matter With Stroke Mortality. Journal of Occupational and Environmental Medicine, 2013, 55, 768-771.	1.7	21
1243	Winter time particulate matter concentrations at an urban roadway in India. International Journal of Environmental Engineering, 2013, 5, 351.	0.1	0
1244	Hazardous Compounds in Urban Pm in the Central Part of Upper Silesia (Poland) in Winter. Archives of Environmental Protection, 2013, 39, 53-65.	1.1	55
1245	Secondhand tobacco smoke exposure and heart rate variability and inflammation among non-smoking construction workers: a repeated measures study. Environmental Health, 2013, 12, 83.	4.0	23
1246	Evaluation of a regional air-quality model with bidirectional NH <sub>3</sub> exchange coupled to an agroecosystem model. Biogeosciences, 2013, 10, 1635-1645.	3.3	147
1247	The Effects of Air Pollution on Educational Outcomes: Evidence from Chile. SSRN Electronic Journal, 0, , .	0.4	10
1248	Vehicle Cabin Air Quality with Fractional Air Recirculation. , 0, , .		31
1249	Development of aerosol wind tunnel and its application for evaluating the performance of ambient PM10 inlets. Atmospheric Pollution Research, 2013, 4, 323-328.	3.8	10
1250	Energy and Environmental Impacts of Urban Buses and Passenger Cars–Comparative Analysis of Sensitivity to Driving Conditions. Environment and Pollution, 2013, 2, .	0.2	3
1251	Milano Summer Particulate Matter (PM10) Triggers Lung Inflammation and Extra Pulmonary Adverse Events in Mice. PLoS ONE, 2013, 8, e56636.	2.5	82
1252	Indoor Air Pollution, Nighttime Heart Rate Variability and Coffee Consumption among Convenient Store Workers. PLoS ONE, 2013, 8, e63320.	2.5	6
1253	Influence of Different Natural Gas Compositions on the Regulated Emissions, Aldehydes, and Particle Emissions from a Transit Bus. , 0, , .		9
1254	Community Perceptions of Air Pollution and Related Health Risks in Nairobi Slums. International Journal of Environmental Research and Public Health, 2013, 10, 4851-4868.	2.6	97
1255	Fine Particulate Air Pollution and Hospital Admissions for Chronic Obstructive Pulmonary Disease: A Case-Crossover Study in Taipei. International Journal of Environmental Research and Public Health, 2013, 10, 6015-6026.	2.6	81

#	Article	IF	CITATIONS
1256	Number Size Distribution of Ambient Particles in a Typical Urban Site: The First Polish Assessment Based on Long-Term (9 Months) Measurements. Scientific World Journal, The, 2013, 2013, 1-13.	2.1	19
1257	Characterization of speciated aerosol direct radiative forcing over California. Journal of Geophysical Research D: Atmospheres, 2013, 118, 2372-2388.	3.3	65
1258	Environmental Pollution, Public Health and Environmental Medicine-Oil Spills. Occupational Medicine & Health Affairs, 2013, 01, .	0.1	1
1259	Evaluation of the Impact of Low Emission Zone and Heavy Traffic Ban in Munich (Germany) on the Reduction of PM10 in Ambient Air. International Journal of Environmental Research and Public Health, 2014, 11, 5094-5112.	2.6	51
1260	Air Pollution and Defensive Expenditures: Evidence from Particulate-Filtering Facemasks. SSRN Electronic Journal, 0, , .	0.4	5
1261	Emissions and Redox Activity of Biodiesel Blends Obtained from Different Feedstocks from a Heavy-Duty Vehicle Equipped with DPF/SCR Aftertreatment and a Heavy-Duty Vehicle without Control Aftertreatment. , 0, , .		7
1262	Role of Glutathione S Transferase Polymorphism in COPD with Special Reference to Peoples Living in the Vicinity of the Open Cast Coal Mine of Assam. PLoS ONE, 2014, 9, e96739.	2.5	12
1263	Acute Effects of Particulate Matter and Black Carbon from Seasonal Fires on Peak Expiratory Flow of Schoolchildren in the Brazilian Amazon. PLoS ONE, 2014, 9, e104177.	2.5	57
1264	Temporal Variation and Concentration Weighted Trajectory Analysis of Lead in PM10 Aerosols at a Site in Central Delhi, India. International Journal of Atmospheric Sciences, 2014, 2014, 1-8.	0.5	8
1265	Spatial and Temporal Variation in Fine Particulate Matter Mass and Chemical Composition: The Middle East Consortium for Aerosol Research Study. Scientific World Journal, The, 2014, 2014, 1-16.	2.1	21
1266	Modeling Soot Size Distribution Evolution and Pollutant Formation Inside Diesel Engine Using a 0D Multi-zone Gas Parcel Model with Detailed Chemistry and Soot Microphysics. SAE International Journal of Engines, 0, 7, 1336-1369.	0.4	1
1267	Effect of Diesel/RME Blend on Particle Emissions from a Diesel Engine for Quadricycle Vehicle. , 0, , .		3
1268	Human health risks posed by exposure to PM10 for four life stages in a low socio-economic community in South Africa. Pan African Medical Journal, 2014, 18, 206.	0.8	27
1269	Characterization of PM10 and PM2.5 and Their Metals Content in Different Typologies of Sites in South-Eastern Italy. Atmosphere, 2014, 5, 435-453.	2.3	62
1270	A Proportional Odds Model of Particle Pollution. Environments - MDPI, 2014, 1, 54-59.	3.3	0
1271	Fast Inverse Distance Weighting-Based Spatiotemporal Interpolation: A Web-Based Application of Interpolating Daily Fine Particulate Matter PM2.5 in the Contiguous U.S. Using Parallel Programming and k-d Tree. International Journal of Environmental Research and Public Health, 2014, 11, 9101-9141.	2.6	81
1272	Effects of Diesel Engine Exhaust Origin Secondary Organic Aerosols on Novel Object Recognition Ability and Maternal Behavior in BALB/C Mice. International Journal of Environmental Research and Public Health, 2014, 11, 11286-11307.	2.6	39
1273	Preliminary Evaluation of a Regional Atmospheric Chemical Data Assimilation System for Environmental Surveillance. International Journal of Environmental Research and Public Health, 2014, 11, 12795-12816.	2.6	2

#	Article	IF	CITATIONS
1274	Rat Lung Response to PM2.5 Exposure under Different Cold Stresses. International Journal of Environmental Research and Public Health, 2014, 11, 12915-12926.	2.6	46
1275	Canadian Forest Fires and the Effects of Long-Range Transboundary Air Pollution on Hospitalizations among the Elderly. ISPRS International Journal of Geo-Information, 2014, 3, 713-731.	2.9	46
1276	Biodiesel Production from Used Cooking Oil. Oriental Journal of Chemistry, 2014, 30, 521-528.	0.3	7
1277	Associations of PM <sub>2.5</sub> Constituents and Sources with Hospital Admissions: Analysis of Four Counties in Connecticut and Massachusetts (USA) for Persons ≥ 65 Years of Age. Environmental Health Perspectives, 2014, 122, 138-144.	6.0	186
1278	The Effects of Fine Particulate Air Pollution on Daily Mortality: A Case-Crossover Study in a Subtropical City, Taipei, Taiwan. International Journal of Environmental Research and Public Health, 2014, 11, 5081-5093.	2.6	21
1279	Estimating the global abundance of ground level presence of particulate matter (PM2.5). Geospatial Health, 2014, 8, 611.	0.8	73
1280	Applying policy and health effects of air pollution in South Korea: focus on ambient air quality standards. Environmental Health and Toxicology, 2014, 29, e2014011.	1.8	6
1281	A novel method for online analysis of gas and particle composition: description and evaluation of a Filter Inlet for Gases and AEROsols (FIGAERO). Atmospheric Measurement Techniques, 2014, 7, 983-1001.	3.1	345
1282	Measuring the atmospheric organic aerosol volatility distribution: a theoretical analysis. Atmospheric Measurement Techniques, 2014, 7, 2953-2965.	3.1	46
1283	GeoMedStat: an integrated spatial surveillance system to track air pollution and associated healthcare events. Geospatial Health, 2014, 8, 631.	0.8	8
1284	PM <sub>1</sub> measurements at a site close to an oil/gas pre-treatment plant (Agri Valley – southern Italy): a preliminary study. Natural Hazards and Earth System Sciences, 2014, 14, 2337-2346.	3.6	10
1285	Characteristics and Sources of Metals in TSP and PM2.5 in an Urban Forest Park at Guangzhou. Atmosphere, 2014, 5, 775-787.	2.3	23
1288	Health impact assessment of exposure to fine particulate matter based on satellite and meteorological information. Environmental Sciences: Processes and Impacts, 2014, 16, 239-246.	3.5	11
1289	Refinement of a model for evaluating the population exposure in an urban area. Geoscientific Model Development, 2014, 7, 1855-1872.	3.6	54
1290	A novel approach to comparing simultaneous size-segregated particulate matter (PM) concentration ratios by means of a dedicated triangular diagram using the Agri Valley PM measurements as an example. Natural Hazards and Earth System Sciences, 2014, 14, 2727-2733.	3.6	18
1291	Public health and components of particulate matter: The changing assessment of black carbon. Journal of the Air and Waste Management Association, 2014, 64, 1221-1231.	1.9	21
1292	Short-Term Effects of Fine Particulate Air Pollution on Hospital Admissions for Respiratory Diseases: A Case-Crossover Study in a Tropical City. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 1091-1101.	2.3	48
1293	Particle capture efficiency of different-aged needles of Norway spruce under moderate and severe drought. Canadian Journal of Forest Research, 2014, 44, 831-835.	1.7	16

#	Article	IF	CITATIONS
1294	Continuous-Flow Differential Mobility Analysis of Nanoparticles and Biomolecules. Annual Review of Chemical and Biomolecular Engineering, 2014, 5, 255-279.	6.8	14
1296	A Spatiotemporal Interpolation Method Using Radial Basis Functions for Geospatiotemporal Big Data. , 2014, , .		17
1297	Estimating ground-level PM10 using satellite remote sensing and ground-based meteorological measurements over Tehran. Journal of Environmental Health Science & Engineering, 2014, 12, 122.	3.0	40
1298	Investigation of time-resolved atmospheric conditions and indoor/outdoor particulate matter concentrations in homes with gas and biomass cook stoves in Nogales, Sonora, Mexico. Journal of the Air and Waste Management Association, 2014, 64, 759-773.	1.9	2
1299	The Influence of Particulate Matter on Respiratory Morbidity and Mortality in Children and Infants. Advances in Experimental Medicine and Biology, 2014, 849, 39-48.	1.6	27
1300	Short-term diesel exhaust inhalation in a controlled human crossover study is associated with changes in DNA methylation of circulating mononuclear cells in asthmatics. Particle and Fibre Toxicology, 2014, 11, 71.	6.2	85
1301	Sources of indoor air pollution in New York City residences of asthmatic children. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 269-278.	3.9	109
1302	Relationship Between Hemorrhagic Stroke Hospitalization and Exposure to Fine Particulate Air Pollution in Taipei, Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 1154-1163.	2.3	22
1303	Association of Long-Term Exposure to Traffic-Related Air Pollution with Blood Pressure and Hypertension in an Adult Population–Based Cohort in Spain (the REGICOR Study). Environmental Health Perspectives, 2014, 122, 404-411.	6.0	72
1304	Study of the Composite Oscillator of Particulate Monitoring Instrument Based on TEOM. Applied Mechanics and Materials, 0, 678, 274-280.	0.2	Ο
1305	Epidemiological time series studies of PM <sub>2.5</sub> and daily mortality and hospital admissions: a systematic review and meta-analysis. Thorax, 2014, 69, 660-665.	5.6	760
1306	Analysis and prediction of transient opacity spikes using dimensional modeling. International Journal of Engine Research, 2014, 15, 263-281.	2.3	8
1307	Application of the polarization Raman Mie lidar system to monitor the particulate matter and water vapor in the aerosol pollution and haze episodes. , 2014, , .		0
1308	Invited Commentary: How Exposure to Air Pollution May Shape Dementia Risk, and What Epidemiology Can Say About It. American Journal of Epidemiology, 2014, 180, 367-371.	3.4	21
1309	Particulate air pollution and cardiovascular disease – it is time to take it seriously. Reviews on Environmental Health, 2014, 29, 129-32.	2.4	14
1310	Associations of Fine Particulate Matter Species with Mortality in the United States: A Multicity Time-Series Analysis. Environmental Health Perspectives, 2014, 122, 837-842.	6.0	236
1311	Differential Effects of Source-Specific Particulate Matter on Emergency Hospitalizations for Ischemic Heart Disease in Hong Kong. Environmental Health Perspectives, 2014, 122, 391-396.	6.0	33
1312	Socioeconomic status and exposure to outdoor NO <sub>2</sub> and benzene in the Asturias INMA birth cohort, Spain. Journal of Epidemiology and Community Health, 2014, 68, 29-36.	3.7	22
#	Article	IF	CITATIONS
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1313	Are day-to-day variations of airborne particles associated with emergency ambulance dispatches?. International Journal of Occupational and Environmental Health, 2014, 20, 71-76.	1.2	18
1314	Evaluating vehicular emissions with an integrated mesoscopic and microscopic traffic simulation. Canadian Journal of Civil Engineering, 2014, 41, 856-868.	1.3	10
1315	Amine–Amine Exchange in Aminium–Methanesulfonate Aerosols. Journal of Physical Chemistry C, 2014, 118, 29431-29440.	3.1	31
1316	Development of Land Use Regression Models for Elemental, Organic Carbon, PAH, and Hopanes/Steranes in 10 ESCAPE/TRANSPHORM European Study Areas. Environmental Science & Technology, 2014, 48, 14435-14444.	10.0	35
1317	Detailed Microphysical Modeling of the Formation of Organic and Sulfuric Acid Coatings on Aircraft Emitted Soot Particles in the Near Field. Aerosol Science and Technology, 2014, 48, 981-995.	3.1	5
1318	Fungal Contamination in Two Portuguese Wastewater Treatment Plants. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 90-102.	2.3	17
1319	Effectiveness of Mitigation Measures in Reducing Future Primary Particulate Matter Emissions from On-Road Vehicle Exhaust. Environmental Science & Technology, 2014, 48, 14455-14463.	10.0	9
1320	A comparison between Cal–Mex in Tijuana and Cal-Nex in Pasadena on aerosol optical properties, ozone and reactive nitrogen. Urban Climate, 2014, 10, 782-800.	5.7	1
1321	Bushfire Smoke: An Exemplar of Coupled Human and Natural Systems. Geographical Research, 2014, 52, 45-54.	1.8	20
1322	The impact of infield biomass burning on PM levels and its chemical composition. Environmental Science and Pollution Research, 2014, 21, 13175-13185.	5.3	16
1323	Analysis and discussion on formation and control of primary particulate matter generated from coal-fired power plants. Journal of the Air and Waste Management Association, 2014, 64, 1342-1351.	1.9	9
1324	Effects of ultrafine particles on the allergic inflammation in the lung of asthmatics: results of a double-blinded randomized cross-over clinical pilot study. Particle and Fibre Toxicology, 2014, 11, 39.	6.2	26
1325	Estimates of HVAC filtration efficiency for fine and ultrafine particles of outdoor origin. Atmospheric Environment, 2014, 98, 337-346.	4.1	140
1326	Mortality Related to Air Pollution with the Moscow Heat Wave and Wildfire of 2010. Epidemiology, 2014, 25, 359-364.	2.7	287
1327	The Association of Respiratory Hospitalization Rates in WV Counties, Total, Underground, and Surface Coal Production and Sociodemographic Covariates. Journal of Occupational and Environmental Medicine, 2014, 56, 1179-1188.	1.7	9
1328	What Are the Warning Signs That We Should Be Looking For?. , 2014, , 9-24.		1
1329	Risk Assessment and Toxic Effects of Exposure to Nanoparticles Associated with Natural and Anthropogenic Sources. , 2014, , 93-103.		1
1330	Respiratory Symptoms and Blood Eosinophil Level in Workers Exposed to Quarry Dust in South-Eastern Nigeria. Journal of Environmental and Occupational Science, 2014, 3, 175.	0.2	2

#	Article	IF	Citations
1332	Short-Term Effect of Fine Particulate Air Pollution on Daily Mortality: A Case-Crossover Study in a Tropical City, Kaohsiung, Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 467-477.	2.3	18
1333	Fine Particulate Air Pollution and Hospital Admissions for Asthma: A Case-Crossover Study in Taipei. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 1075-1083.	2.3	42
1334	Integrating phase and composition of secondary organic aerosol from the ozonolysis of α-pinene. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7552-7557.	7.1	130
1335	Size-distributed metallic elements in submicronic and ultrafine atmospheric particles from urban and industrial areas in northern France. Atmospheric Research, 2014, 135-136, 35-47.	4.1	87
1336	Using the Community Multiscale Air Quality (CMAQ) model to estimate public health impacts of PM2.5 from individual power plants. Environment International, 2014, 68, 200-208.	10.0	61
1337	Associations between short/medium-term variations in black smoke air pollution and mortality in the Glasgow conurbation, UK. Environment International, 2014, 62, 126-132.	10.0	4
1338	Trace metals in atmospheric fine particles in one industrial urban city: Spatial variations, sources, and health implications. Journal of Environmental Sciences, 2014, 26, 205-213.	6.1	104
1339	Multivariate methods for indoor PM10 and PM2.5 modelling in naturally ventilated schools buildings. Atmospheric Environment, 2014, 94, 11-21.	4.1	81
1340	Urban PM source apportionment mapping using microscopic chemical imaging. Science of the Total Environment, 2014, 488-489, 456-460.	8.0	3
1341	Short-term effects of air temperature on mortality and effect modification by air pollution in three cities of Bavaria, Germany: A time-series analysis. Science of the Total Environment, 2014, 485-486, 49-61.	8.0	116
1342	Short-term exposure to high levels of air pollution as a risk factor for acute isolated pulmonary embolism. Thrombosis Research, 2014, 134, 259-263.	1.7	23
1343	Black carbon aerosol characterization in a remote area of Qinghai–Tibetan Plateau, western China. Science of the Total Environment, 2014, 479-480, 151-158.	8.0	58
1344	Microclimatic analysis as a prerequisite for sustainable urbanisation: Application for an urban regeneration project for a medium size city in the greater urban agglomeration of Athens, Greece. Sustainable Cities and Society, 2014, 13, 230-236.	10.4	32
1345	Distribution of atmospheric particulate matter (PM) in rural field, rural village and urban areas of northern China. Environmental Pollution, 2014, 185, 134-140.	7.5	58
1346	Indoor/outdoor relationships of PM10, PM2.5, and PM1 mass concentrations and their water-soluble ions in a retirement home and a school dormitory. Atmospheric Environment, 2014, 82, 375-382.	4.1	134
1347	Progress on relationships between horizontal and vertical dust flux: Mathematical, empirical and risk-based perspectives. Aeolian Research, 2014, 14, 105-111.	2.7	13
1348	Pollutants emission and particle behavior in a pre-turbo aftertreatment light-duty diesel engine. Energy, 2014, 66, 509-522.	8.8	21
1349	Source apportionment of particulate matter in a large city of southeastern Po Valley (Bologna, Italy).	5.3	59

#	Article	IF	CITATIONS
1350	Cytotoxic response in human lung epithelial cells and ion characteristics of urban-air particles from Torino, a northern Italian city. Environmental Science and Pollution Research, 2014, 21, 5554-5564.	5.3	51
1351	Source apportionment and secondary organic aerosol estimation of PM2.5 in an urban atmosphere in China. Science China Earth Sciences, 2014, 57, 1352-1362.	5.2	73
1352	lonic composition of PM2.5 at urban sites of northern Greece: secondary inorganic aerosol formation. Environmental Science and Pollution Research, 2014, 21, 4995-5006.	5.3	67
1353	Prediction of PM10 and SO2 exceedances to control air pollution in the Bay of Algeciras, Spain. Stochastic Environmental Research and Risk Assessment, 2014, 28, 1409-1420.	4.0	32
1354	Source apportion of atmospheric particulate matter: a joint Eulerian/Lagrangian approach. Environmental Science and Pollution Research, 2014, 21, 13160-13168.	5.3	16
1355	Cost-benefit analysis of sustainable energy development using life-cycle co-benefits assessment and the system dynamics approach. Applied Energy, 2014, 119, 57-66.	10.1	82
1356	Comparisons of Ultrafine and Fine Particles in Their Associations with Biomarkers Reflecting Physiological Pathways. Environmental Science & Technology, 2014, 48, 5264-5273.	10.0	105
1357	CHRISTINE Code for High Resolution Satellite mapping of optical Thickness and ÃNgstrom Exponent. Part I: Algorithm and code. Computers and Geosciences, 2014, 62, 136-141.	4.2	3
1358	CHRISTINE Code for High Resolution Satellite mapping of optical Thickness and ÃNgstrom Exponent. Part II: First application to the urban area of Athens, Greece and comparison to results from previous contrast-reduction codes. Computers and Geosciences, 2014, 62, 142-149.	4.2	4
1359	Impact of legislative changes to reduce the sulphur content in fuels in Europe on daily mortality in 20 European cities: an analysis of data from the Aphekom project. Air Quality, Atmosphere and Health, 2014, 7, 83-91.	3.3	9
1360	Source apportionment and location by selective wind sampling and Positive Matrix Factorization. Environmental Science and Pollution Research, 2014, 21, 11634-11648.	5.3	11
1361	Particle size distribution of n-alkanes and polycyclic aromatic hydrocarbons (PAHS) in urban and industrial aerosol of Algiers, Algeria. Environmental Science and Pollution Research, 2014, 21, 1819-1832.	5.3	50
1362	Exposure assessment, chemical characterization and source identification of PM2.5 for school children and industrial downwind residents in Guangzhou, China. Environmental Geochemistry and Health, 2014, 36, 385-397.	3.4	15
1363	Impact of low temperature combustion attaining strategies on diesel engine emissions for diesel and biodiesels: A review. Energy Conversion and Management, 2014, 80, 329-356.	9.2	228
1364	Outdoor air particle-bound trace metals in four selected communities in Ibadan, Nigeria. Environmental Geochemistry and Health, 2014, 36, 755-764.	3.4	10
1365	Economic and environmental assessment of liquefied natural gas as a supplemental aircraft fuel. Progress in Aerospace Sciences, 2014, 66, 17-36.	12.1	40
1366	Contribution of harbour activities and ship traffic to PM2.5, particle number concentrations and PAHs in a port city of the Mediterranean Sea (Italy). Environmental Science and Pollution Research, 2014, 21, 9415-9429.	5.3	82
1367	Diesel particle composition after exhaust after-treatment of an off-road diesel engine and modeling of deposition into the human lung. Journal of Aerosol Science, 2014, 69, 32-47.	3.8	26

#	Article	IF	CITATIONS
1368	Cyclist exposure to UFP and BC on urban routes in Antwerp, Belgium. Atmospheric Environment, 2014, 92, 31-43.	4.1	79
1369	Spatial variations of PAH, hopanes/steranes and EC/OC concentrations within and between European study areas. Atmospheric Environment, 2014, 87, 239-248.	4.1	46
1370	Implementation of a low emission zone and evaluation of effects on air quality by long-term monitoring. Atmospheric Environment, 2014, 86, 113-119.	4.1	63
1371	Seasonal and diurnal variations of particulate organosulfates in urban Shanghai, China. Atmospheric Environment, 2014, 85, 152-160.	4.1	91
1372	Estimation of the long-range transport contribution from secondary inorganic components to urban background PM10 concentrations in south-western Sweden during 1986–2010. Atmospheric Environment, 2014, 89, 93-101.	4.1	14
1373	NO2, PM10 and O3 urban concentrations and its association with circulation weather types in Portugal. Atmospheric Environment, 2014, 89, 768-785.	4.1	109
1374	Elemental characterization, sources and wind dependence of PM1 near Venice, Italy. Atmospheric Research, 2014, 143, 371-379.	4.1	21
1375	Climate change impacts on fire regimes and key ecosystem services in Rocky Mountain forests. Forest Ecology and Management, 2014, 327, 290-305.	3.2	113
1376	Seasonal variations of stable carbon isotopic composition of bulk aerosol carbon from Gosan site, Jeju Island in the East China Sea. Atmospheric Environment, 2014, 94, 316-322.	4.1	38
1377	Global gene expression profiling of human bronchial epithelial cells exposed to airborne fine particulate matter collected from Wuhan, China. Toxicology Letters, 2014, 228, 25-33.	0.8	58
1378	Characteristics and cellular effects of ambient particulate matter from Beijing. Environmental Pollution, 2014, 191, 63-69.	7.5	30
1379	Infrared Studies of the Reaction of Methanesulfonic Acid with Trimethylamine on Surfaces. Environmental Science & Technology, 2014, 48, 323-330.	10.0	23
1380	Effect of hydrogen and helium addition to fuel on soot formation in an axisymmetric coflow laminar methane/air diffusion flame. International Journal of Hydrogen Energy, 2014, 39, 3936-3946.	7.1	77
1381	Particulate air pollution and mortality in a cohort of Chinese men. Environmental Pollution, 2014, 186, 1-6.	7.5	139
1382	Source apportionment of size-segregated atmospheric particles based on the major water-soluble components in Lecce (Italy). Science of the Total Environment, 2014, 472, 248-261.	8.0	91
1383	Natural sources of atmospheric aerosols influencing air quality across Europe. Science of the Total Environment, 2014, 472, 825-833.	8.0	68
1384	Fine particulate matter air pollution and blood pressure: The modifying role of psychosocial stress. Environmental Research, 2014, 133, 195-203.	7.5	42
1385	A Unique Online Method to Infer Water-Insoluble Particle Contributions. Aerosol Science and Technology, 2014, 48, 706-714.	3.1	3

#	Article	IF	CITATIONS
1386	Modeled and observed fine particulate matter reductions from state attainment demonstrations. Journal of the Air and Waste Management Association, 2014, 64, 995-1002.	1.9	10
1387	Ventilation and indoor air quality in retail stores: A critical review (RP-1596). HVAC and R Research, 2014, 20, 276-294.	0.6	24
1388	Major Factors Influencing the Health Impacts from Controlling Air Pollutants with Nonlinear Chemistry: An Application to China. Risk Analysis, 2014, 34, 683-697.	2.7	15
1389	Fine Particulate Air Pollution and Hospital Admissions for Pneumonia in a Subtropical City: Taipei, Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 192-201.	2.3	44
1390	Secondary organic aerosol in residences: predicting its fraction of fine particle mass and determinants of formation strength. Indoor Air, 2014, 24, 376-389.	4.3	82
1391	Quantification of Global Primary Emissions of PM <sub>2.5</sub> , PM <sub>10</sub> , and TSP from Combustion and Industrial Process Sources. Environmental Science & Technology, 2014, 48, 13834-13843.	10.0	219
1392	Source-receptor reconciliation of fine-particulate emissions from residential wood combustion in the southeastern United States. Atmospheric Environment, 2014, 98, 454-460.	4.1	12
1393	Metrological Assessment of a Portable Analyzer for Monitoring the Particle Size Distribution of Ultrafine Particles. Annals of Occupational Hygiene, 2014, 58, 860-76.	1.9	17
1394	An assessment of vapour pressure estimation methods. Physical Chemistry Chemical Physics, 2014, 16, 19453-19469.	2.8	63
1395	Source apportionment of atmospheric PM2.5-bound polycyclic aromatic hydrocarbons by a PMF receptor model. Assessment of potential risk for human health. Environmental Pollution, 2014, 195, 167-177.	7.5	190
1396	A more cost-effective geomatic approach to modelling PM10 dispersion across Europe. Applied Geography, 2014, 55, 108-116.	3.7	7
1397	Personal exposure to particulate matter in commuters using different transport modes (bus, bicycle,) Tj ETQq1 1 Processes and Impacts, 2014, 16, 1309-1317.	0.784314 3.5	rgBT /Overlo 69
1398	Individual Exposure to Air Pollutants in a Portuguese Urban Industrialized Area. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 888-899.	2.3	11
1399	New insights into secondary organic aerosol from the ozonolysis of α-pinene from combined infrared spectroscopy and mass spectrometry measurements. Physical Chemistry Chemical Physics, 2014, 16, 22706-22716.	2.8	24
1400	Review of Urban Bicyclists' Intake and Uptake of Traffic-Related Air Pollution. Transport Reviews, 2014, 34, 221-245.	8.8	93
1401	Public Health and Components of Particulate Matter: The Changing Assessment of Black Carbon. Journal of the Air and Waste Management Association, 2014, 64, 617-619.	1.9	2
1402	A feasibility study of the association of exposure to biomass smoke with vascular function, inflammation, and cellular aging. Environmental Research, 2014, 135, 165-172.	7.5	71
1403	Apportionment of urban aerosol sources in Cork (Ireland) by synergistic measurement techniques. Science of the Total Environment, 2014, 493, 197-208.	8.0	18

		CITATION RE	PORT	
#	Article		IF	CITATIONS
1405	Bushfires, Human Health Economics, and Pyrogeography. Geographical Research, 2014	4, 52, 340-343.	1.8	8
1407	Development of a Technology for Online Measurement of Total and Water-Soluble Co PM <sub>2.5</sub> . Aerosol Science and Technology, 2014, 48, 864-874.	oper (Cu) in	3.1	11
1408	Effects of air pollution on meteorological parameters during Deepawali festival over ar metropolis. Atmospheric Environment, 2014, 98, 530-539.	Indian urban	4.1	35
1409	Mixing State of Black Carbon Aerosol in a Heavily Polluted Urban Area of China: Implica Absorption Enhancement. Aerosol Science and Technology, 2014, 48, 689-697.	ations for Light	3.1	122
1410	Evaluation of a Heat Exchanger Designed for Efficient Fine Particle Precipitation in Sma Combustion. Energy & Fuels, 2014, 28, 6058-6065.	ıll-Scale Wood	5.1	18
1411	Levels and Spatial Distribution of Airborne Chemical Elements in a Heavy Industrial Are North of Spain. Journal of Toxicology and Environmental Health - Part A: Current Issues 856-866.	a Located in the , 2014, 77,	2.3	14
1412	Estimation of the contribution of secondary organic aerosol to PM2.0 concentration ir cabins. Building and Environment, 2014, 82, 267-273.	ı aircraft	6.9	7
1413	PM <sub>2.5</sub> concentrations in London for 2008–A modeling analysis of cont road traffic. Journal of the Air and Waste Management Association, 2014, 64, 509-518	ributions from	1.9	32
1414	Examining the transport of ammonia emissions across landscapes using nitrogen isoto Atmospheric Environment, 2014, 95, 563-570.	pe ratios.	4.1	86
1415	Impact of Sugarcane Renewable Fuel on In-Use Gaseous and Particulate Matter Emissic Marine Vessel. Energy & Fuels, 2014, 28, 4177-4182.	ons from a	5.1	15
1416	Night-Time Ground Hyperspectral Imaging for Urban-Scale Remote Sensing of Ambient Concentrations Retrieval. Environmental Science & Technology, 2014, 48, 1787-1	: PM—Modal .794.	10.0	2
1417	Prioritizing Environmental Justice and Equality: Diesel Emissions in Southern California Environmental Science & Technology, 2014, 48, 4063-4068.		10.0	57
1418	Airborne endotoxin in fine particulate matter in Beijing. Atmospheric Environment, 202	4, 97, 35-42.	4.1	37
1419	Impact of urbanization level on urban air quality: A case of fine particles (PM 2.5 ) in Cl Environmental Pollution, 2014, 194, 163-170.	ninese cities.	7.5	435
1420	A review of receptor modelling of industrially emitted particulate matter. Atmospheric 2014, 97, 109-120.	Environment,	4.1	131
1421	Structured Expert Judgment to Characterize Uncertainty between PM <sub>2.5</sub> Mortality in Chile. Environmental Science & Technology, 2014, 48, 9717-9727.	Exposure and	10.0	2
1422	The effect of particle resuspension during walking activity to PM 10 mass and number in an indoor microenvironment. Building and Environment, 2014, 82, 180-189.	concentrations	6.9	50
1423	Genetic modification of the effect of maternal household air pollution exposure on birt Guatemalan newborns. Reproductive Toxicology, 2014, 50, 19-26.	th weight in	2.9	8

#	Article	IF	CITATIONS
1424	A Review of the Consequences of Global Climate Change on Human Health. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2014, 32, 299-318.	2.9	69
1425	Ambient Coarse Particulate Matter and Human Health: A Systematic Review and Meta-Analysis. Current Environmental Health Reports, 2014, 1, 258-274.	6.7	176
1426	Spatio-temporal modeling of particulate air pollution in the conterminous United States using geographic and meteorological predictors. Environmental Health, 2014, 13, 63.	4.0	149
1427	Hourly differences in air pollution and risk of respiratory disease in the elderly: a time-stratified case-crossover study. Environmental Health, 2014, 13, 67.	4.0	39
1428	Satellite remote sensing of fine particulate matter (PM <sub>2.5</sub> ) air quality over Beijing using MODIS. International Journal of Remote Sensing, 2014, 35, 6522-6544.	2.9	47
1429	Gaseous emissions from a heavy-duty engine equipped with SCR aftertreatment system and fuelled with diesel and biodiesel: Assessment of pollutant dispersion and health risk. Science of the Total Environment, 2014, 500-501, 64-71.	8.0	46
1430	Aerosol fast flow reactor for laboratory studies of new particle formation. Journal of Aerosol Science, 2014, 78, 30-40.	3.8	21
1431	Analysis of atmospheric aerosol (PM <sub>2.5</sub> ) in Recife city, Brazil. Journal of the Air and Waste Management Association, 2014, 64, 519-528.	1.9	11
1432	Secondary Organic Aerosol Formation from in-Use Motor Vehicle Emissions Using a Potential Aerosol Mass Reactor. Environmental Science & Technology, 2014, 48, 11235-11242.	10.0	154
1433	Validation of an assay for the determination of levoglucosan and associated monosaccharide anhydrides for the quantification of wood smoke in atmospheric aerosol. Analytical and Bioanalytical Chemistry, 2014, 406, 5283-5292.	3.7	23
1434	Quantifying influence of weather indices on PM \$\$_{2.5}\$\$ 2.5 based on relation map. Stochastic Environmental Research and Risk Assessment, 2014, 28, 1323-1331.	4.0	8
1435	Nuclear Microscopy for Air-Pollutant Characterization and Its Advantages over Traditional Techniques. Journal of Applied Spectroscopy, 2014, 81, 145-150.	0.7	2
1436	The PM <sub>2.5</sub> chemical composition in an industrial zone included in a large urban settlement: main sources and local background. Environmental Sciences: Processes and Impacts, 2014, 16, 1913.	3.5	18
1437	Global emission projections of particulate matter (PM): II. Uncertainty analyses of on-road vehicle exhaust emissions. Atmospheric Environment, 2014, 87, 189-199.	4.1	24
1438	Predicting Primary PM <sub>2.5</sub> and PM <sub>0.1</sub> Trace Composition for Epidemiological Studies in California. Environmental Science & Technology, 2014, 48, 4971-4979.	10.0	56
1439	Determination of organic matter and organic matter to organic carbon ratios by infrared spectroscopy with application to selected sites in the IMPROVE network. Atmospheric Environment, 2014, 86, 47-57.	4.1	58
1440	Black Carbon Measurements of Flame-Generated Soot as Determined by Optical, Thermal-Optical, Direct Absorption, and Laser Incandescence Methods. Environmental Engineering Science, 2014, 31, 209-215.	1.6	23
1441	Mass concentration, composition and sources of fine and coarse particulate matter in Tijuana, Mexico, during Cal-Mex campaign. Atmospheric Environment, 2014, 88, 320-329.	4.1	32

#	Article	IF	CITATIONS
1442	PM 2.5 in China: Measurements, sources, visibility and health effects, and mitigation. Particuology, 2014, 13, 1-26.	3.6	647
1443	Constrained source apportionment of coarse particulate matter and selected trace elements in three cities from the multi-ethnic study of atherosclerosis. Atmospheric Environment, 2014, 84, 65-77.	4.1	27
1444	Preliminary assessment of the anthropogenic and biogenic contributions to secondary organic aerosols at two industrial cities in the upper Midwest. Atmospheric Environment, 2014, 84, 307-313.	4.1	13
1445	Concentration and composition variations of metals in the outdoor PM10 of elementary schools during river dust episodes. Environmental Science and Pollution Research, 2014, 21, 12354-12363.	5.3	14
1446	Spatial and seasonal variability of the mass concentration and chemical composition of PM2.5 in Poland. Air Quality, Atmosphere and Health, 2014, 7, 41-58.	3.3	141
1447	What is the impact of systematically missing exposure data on air pollution health effect estimates?. Air Quality, Atmosphere and Health, 2014, 7, 415-420.	3.3	5
1448	Possible molecular mechanisms linking air pollution and asthma in children. BMC Pulmonary Medicine, 2014, 14, 31.	2.0	113
1449	Controlled Exposure of Humans with Metabolic Syndrome to Concentrated Ultrafine Ambient Particulate Matter Causes Cardiovascular Effects. Toxicological Sciences, 2014, 140, 61-72.	3.1	78
1450	PM <sub>2.5</sub> Constituents and Hospital Emergency-Room Visits in Shanghai, China. Environmental Science & Technology, 2014, 48, 10406-10414.	10.0	117
1451	Transition Metal Associations with Primary Biological Particles in Sea Spray Aerosol Generated in a Wave Channel. Environmental Science & Technology, 2014, 48, 1324-1333.	10.0	58
1452	Removal of Particulate Matter Emitted from a Subway Tunnel Using Magnetic Filters. Environmental Science & Technology, 2014, 48, 2870-2876.	10.0	33
1453	Physical Activity, Air Pollution and the Brain. Sports Medicine, 2014, 44, 1505-1518.	6.5	47
1454	Health benefits of improving air quality in Taiyuan, China. Environment International, 2014, 73, 235-242.	10.0	63
1455	Changes of serum parameters of TiO2 nanoparticle-induced atherosclerosis in mice. Journal of Hazardous Materials, 2014, 280, 364-371.	12.4	35
1456	A Bayesian multivariate receptor model for estimating source contributions to particulate matter pollution using national databases. Environmetrics, 2014, 25, 513-527.	1.4	18
1457	Effects of Relative Humidity on Ozone and Secondary Organic Aerosol Formation from the Photooxidation of Benzene and Ethylbenzene. Aerosol Science and Technology, 2014, 48, 1-12.	3.1	78
1458	Aqueous oxidation of green leaf volatiles by hydroxyl radical as a source of SOA: Kinetics and SOA yields. Atmospheric Environment, 2014, 95, 105-112.	4.1	27
1459	Changes in fine particulate matter measurement methods and ambient concentrations in California. Atmospheric Environment, 2014, 98, 676-684.	4.1	5

#	Article	IF	CITATIONS
1460	Diurnal cycle of fossil and nonfossil carbon using radiocarbon analyses during CalNex. Journal of Geophysical Research D: Atmospheres, 2014, 119, 6818-6835.	3.3	82
1461	Public health and components of particulate matter: The changing assessment of black carbon. Journal of the Air and Waste Management Association, 2014, 64, 620-660.	1.9	217
1462	Exposure to ultrafine particles in relation to indoor events and dwelling characteristics. Building and Environment, 2014, 74, 65-74.	6.9	28
1463	Spatial and temporal variations of particulate matter concentrations in multifamily apartment buildings. Building and Environment, 2014, 76, 10-17.	6.9	16
1464	Impact of PM2.5 chemical compositions on aerosol light scattering in Guangzhou — the largest megacity in South China. Atmospheric Research, 2014, 135-136, 48-58.	4.1	158
1465	A network-based approach for estimating pedestrian journey-time exposure to air pollution. Science of the Total Environment, 2014, 485-486, 62-70.	8.0	21
1466	Personal exposure to ultrafine particles: The influence of time-activity patterns. Science of the Total Environment, 2014, 468-469, 903-907.	8.0	136
1467	Ambient particle characterization by single particle aerosol mass spectrometry in an urban area of Beijing. Atmospheric Environment, 2014, 94, 323-331.	4.1	87
1468	Evaluation of building characteristics in 27 dwellings in Denmark and the effect of using particle filtration units on PM2.5 concentrations. Building and Environment, 2014, 73, 55-63.	6.9	44
1469	Discussion on graphical methods to identify point sources from wind and particulate matter-bound metal data. Urban Climate, 2014, 10, 671-681.	5.7	7
1470	Which specific causes of death are associated with short term exposure to fine and coarse particles in Southern Europe? Results from the MED-PARTICLES project. Environment International, 2014, 67, 54-61.	10.0	80
1471	Oxidative potential of particulate matter collected at sites with different source characteristics. Science of the Total Environment, 2014, 472, 572-581.	8.0	228
1472	Effects of dilution conditions on diesel particle size distribution and filter mass measurements in case of marine fuels. Fuel Processing Technology, 2014, 118, 244-253.	7.2	7
1473	Acute effects of black carbon and PM2.5 on children asthma admissions: A time-series study in a Chinese city. Science of the Total Environment, 2014, 481, 433-438.	8.0	109
1474	Cytoplasmic p21CIP1/WAF1, ERK1/2 activation, and cytoskeletal remodeling are associated with the senescence-like phenotype after airborne particulate matter (PM10) exposure in lung cells. Toxicology Letters, 2014, 225, 12-19.	0.8	29
1475	Identification of fine (PM1) and coarse (PM10-1) sources of particulate matter in an urban environment. Atmospheric Environment, 2014, 89, 593-602.	4.1	100
1476	Overview of the impact of wood burning emissions on carbonaceous aerosols and PM in large parts of the Alpine region. Atmospheric Environment, 2014, 89, 64-75.	4.1	94
1478	Source apportionment of sulfate and nitrate particulate matter in the Eastern United States and effectiveness of emission control programs. Science of the Total Environment, 2014, 490, 171-181.	8.0	67

ARTICLE IF CITATIONS Chemical characteristics and source apportionment of PM2.5 during the harvest season in eastern 1479 4.1 80 China's agricultural regions. Atmospheric Environment, 2014, 92, 442-448. Mammalian cell-transforming potential of traffic-linked ultrafine particulate matter PM0.056 in 1480 2.6 urban roadside atmosphere. Mutagenesis, 2014, 29, 335-340. Modeling horizontal and vertical variation in intraurban exposure to PM2.5 concentrations and 1481 7.5 32 compositions. Environmental Research, 2014, 133, 96-102. Comparison of ambient airborne PM2.5, PM2.5 absorbance and nitrogen dioxide ratios measured in 1999 1482 8.0 and 2009 in three areas in Europe. Science of the Total Environment, 2014, 487, 290-298. Seasonal modeling of PM2.5 in California's San Joaquin Valley. Atmospheric Environment, 2014, 92, 1483 4.1 73 182-190. Airborne particulate matter (PM2.5) and the prevalence of allergic conjunctivitis in Japan. Science of the Total Environment, 2014, 487, 493-499. 1484 8.0 124 Particulate matter and gaseous pollutants in the Mediterranean Basin: Results from the 1485 8.0 32 MED-PARTICLES project. Science of the Total Environment, 2014, 488-489, 297-315. Aircraft engine exhaust emissions and other airport-related contributions to ambient air pollution: A 1486 4.1 335 review. Atmospheric Environment, 2014, 95, 409-455. Receptor modelling of airborne particulate matter in the vicinity of a major steelworks site. Science 1487 8.0 72 of the Total Environment, 2014, 490, 488-500. Study on the potential relationships between indoor culturable fungi, particle load and children 1488 respiratory health in Xi'an, China. Building and Environment, 2014, 80, 105-114. Measurement of the oxidative potential of PM2.5 and its constituents: The effect of extraction 1489 4.1 147 solvent and filter type. Atmospheric Environment, 2014, 83, 35-42. Air quality modeling and mortality impact of fine particles reduction policies in Spain. Environmental 1490 Research, 2014, 128, 15-26. Household reporting of childhood respiratory health and air pollution in rural Alaska Native 1491 1.2 15 communities. International Journal of Circumpolar Health, 2014, 73, 24324. Workplace personal exposure to respirable PM fraction: a study in sixteen indoor environments. 1492 3.8 Atmospheric Pollution Research, 2014, 5, 431-437. Accuracy of nearâ€surface aerosol extinction determined from columnar aerosol optical depth 1494 7 3.3 measurements in Reno, NV, USA. Journal of Geophysical Research D: Atmospheres, 2014, 119, 11,355. Secondary organic aerosol model intercomparison based on secondary organic aerosol to odd 1495 oxygen ratio in Tokyo. Journal of Geophysical Research D: Atmospheres, 2014, 119, 13,489. Pyrolysis-Gas Chromatography/Multiphoton Ionization/ Time-of-Flight Mass Spectrometry for the 1496 Rapid and Selective Analysis of Polycyclic Aromatic Hydrocarbons in Aerosol Particulate Matter. 1.6 17 Analytical Sciences, 2014, 30, 891-895. A Spatial Model of Air Pollution: The Impact of the Concentration-Response Function. Journal of the 1497 1.5 Association of Environmental and Resource Economists, 2014, 1, 451-479.

#	Article	IF	CITATIONS
1498	Analysis of daily average PM10 predictions by generalized linear models in Brno, Czech Republic. Atmospheric Pollution Research, 2014, 5, 471-476.	3.8	21
1500	Source apportionment of PM <sub>10</sub> in a north-western Europe regional urban background site (Lens, France) using positive matrix factorization and including primary biogenic emissions. Atmospheric Chemistry and Physics, 2014, 14, 3325-3346.	4.9	206
1501	Characterization of particulate matter emissions from on-road gasoline and diesel vehicles using a soot particle aerosol mass spectrometer. Atmospheric Chemistry and Physics, 2014, 14, 7585-7599.	4.9	115
1502	Assessment and application of clustering techniques to atmospheric particle number size distribution for the purpose of source apportionment. Atmospheric Chemistry and Physics, 2014, 14, 11883-11892.	4.9	38
1503	Radiocarbon analysis of elemental and organic carbon in Switzerland during winter-smog episodes from 2008 to 2012 – Part 1: Source apportionment and spatial variability. Atmospheric Chemistry and Physics, 2014, 14, 13551-13570.	4.9	89
1504	Submicron aerosol source apportionment of wintertime pollution in Paris, France by double positive matrix factorization (PMF <sup>2</sup> ) using an aerosol chemical speciation monitor (ACSM) and a multi-wavelength Aethalometer. Atmospheric Chemistry and Physics, 2014, 14, 13773-13787.	4.9	74
1505	Field measurements of trace gases emitted by prescribed fires in southeastern US pine forests using an open-path FTIR system. Atmospheric Chemistry and Physics, 2014, 14, 199-215.	4.9	81
1506	Molecular composition of biogenic secondary organic aerosols using ultrahigh-resolution mass spectrometry: comparing laboratory and field studies. Atmospheric Chemistry and Physics, 2014, 14, 2155-2167.	4.9	70
1507	Aerosols and nucleation in eastern China: first insights from the new SORPES-NJU station. Atmospheric Chemistry and Physics, 2014, 14, 2169-2183.	4.9	72
1508	Elucidating multipollutant exposure across a complex metropolitan area by systematic deployment of a mobile laboratory. Atmospheric Chemistry and Physics, 2014, 14, 7173-7193.	4.9	41
1509	Enhancing non-refractory aerosol apportionment from an urban industrial site through receptor modeling of complete high time-resolution aerosol mass spectra. Atmospheric Chemistry and Physics, 2014, 14, 8017-8042.	4.9	16
1510	PM <sub>2.5</sub> pollution in a megacity of southwest China: source apportionment and implication. Atmospheric Chemistry and Physics, 2014, 14, 8679-8699.	4.9	309
1512	In-cloud sulfate addition to single particles resolved with sulfur isotope analysis during HCCT-2010. Atmospheric Chemistry and Physics, 2014, 14, 4219-4235.	4.9	31
1513	Three years of aerosol mass, black carbon and particle number concentrations at Montsec (southern) Tj ETQq1 1	0.784314	l rgBT /Over
1514	Organic aerosol components derived from 25 AMS data sets across Europe using a consistent ME-2 based source apportionment approach. Atmospheric Chemistry and Physics, 2014, 14, 6159-6176.	4.9	308
1515	Sources and geographical origins of fine aerosols in Paris (France). Atmospheric Chemistry and Physics, 2014, 14, 8813-8839.	4.9	130
1516	Field evaluation of a near–real time elemental monitor and identification of element sources observed at an air monitoring supersite in Korea. Atmospheric Pollution Research, 2014, 5, 119-128.	3.8	39
1517	Inference for environmental intervention studies using principal stratification. Statistics in Medicine, 2014, 33, 4919-4933.	1.6	7

#	Article	IF	CITATIONS
1518	Interventions to reduce ambient particulate matter air pollution and their effect on health. The Cochrane Library, 0, , .	2.8	23
1519	Satellite detection, longâ€range transport, and air quality impacts of volcanic sulfur dioxide from the 2014–2015 flood lava eruption at BA¡rA°arbunga (Iceland). Journal of Geophysical Research D: Atmospheres, 2015, 120, 9739-9757.	3.3	98
1520	Source apportionment of carbonaceous fine particulate matter (PM 2.5 ) in two contrasting cities across the Indo–Gangetic Plain. Atmospheric Pollution Research, 2015, 6, 398-405.	3.8	77
1521	Mean annual population exposure to atmospheric particulate matter in Poland. International Journal of Environment and Pollution, 2015, 58, 89.	0.2	1
1522	Haze Days in North China and the associated atmospheric circulations based on daily visibility data from 1960 to 2012. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5895-5909.	3.3	250
1523	An ecological analysis of PM <sub>2.5</sub> concentrations and lung cancer mortality rates in China. BMJ Open, 2015, 5, e009452.	1.9	55
1525	Maternal exposure to diluted diesel engine exhaust alters placental function and induces intergenerational effects in rabbits. Particle and Fibre Toxicology, 2015, 13, 39.	6.2	73
1526	Fine particulate matter (PM2.5) in China at a city level. Scientific Reports, 2015, 5, 14884.	3.3	595
1527	Chemical compositions and source identification of particulate matter (PM 2.5 and PM 2.5–10 ) from a scrap iron and steel smelting industry along the Ife–Ibadan highway, Nigeria. Atmospheric Pollution Research, 2015, 6, 107-119.	3.8	90
1528	Urban Air Quality. Agronomy, 0, , 57-74.	0.2	3
1529	Comparison and evaluation of the MODIS Collection 6 aerosol data in China. Journal of Geophysical Research D: Atmospheres, 2015, 120, 6992-7005.	3.3	126
1530	Using Machine Learning to Estimate Clobal PM <sub>2.5</sub> for Environmental Health Studies. Environmental Health Insights, 2015, 9s1, EHI.S15664.	1.7	54
1531	Assessing the effect of Michigan's smoke-free law on air quality inside restaurants and casinos: a before-and-after observational study. BMJ Open, 2015, 5, e007530.	1.9	11
1532	Particulate matter sources and long-term trends in a small New Zealand city. Atmospheric Pollution Research, 2015, 6, 1105-1112.	3.8	6
1533	Neighborhood walkability and particulate air pollution in a nationwide cohort of women. Environmental Research, 2015, 142, 703-711.	7.5	40
1534	Numerical simulations of the sampling performance of a large particle inlet. Journal of Aerosol Science, 2015, 90, 63-76.	3.8	2
1535	Assessing the mineral dust from North Africa over Portugal region using BSC–DREAM8b model. Atmospheric Pollution Research, 2015, 6, 70-81.	3.8	10
1536	Metal concentrations and soluble iron speciation in fine particulate matter from light rail activity in the Denver-Metropolitan area. Atmospheric Pollution Research, 2015, 6, 495-502.	3.8	14

#	Article	IF	CITATIONS
1537	The composition of PM 1 and PM 2.5 samples, metals and their water soluble fractions in the Bologna area (Italy). Atmospheric Pollution Research, 2015, 6, 708-718.	3.8	44
1538	The effects of haze on the measured soil reflectance and drought monitoring models based on spectral feature space. , 2015, , .		0
1539	The effects of an energy efficiency retrofit on indoor air quality. Indoor Air, 2015, 25, 210-219.	4.3	40
1540	Effect Modification of Longâ€Term Air Pollution Exposures and the Risk of Incident Cardiovascular Disease in US Women. Journal of the American Heart Association, 2015, 4, .	3.7	73
1541	Fundamental Time Scales Governing Organic Aerosol Multiphase Partitioning and Oxidative Aging. Environmental Science & Technology, 2015, 49, 9768-9777.	10.0	23
1542	Air pollution. Human and Experimental Toxicology, 2015, 34, 1253-1257.	2.2	4
1543	Ambient air pollution and adverse birth outcomes: a natural experiment study. Population Health Metrics, 2015, 13, 17.	2.7	45
1544	PM2.5 and Diabetes and Hypertension Incidence in the Black Women's Health Study. Epidemiology, 2015, 27, 1.	2.7	62
1545	Model studies of volatile diesel exhaust particle formation: are organic vapours involved in nucleation and growth?. Atmospheric Chemistry and Physics, 2015, 15, 10435-10452.	4.9	32
1546	Investigating a two-component model of solid fuel organic aerosol in London: processes, PM <sub>1</sub> contributions, and seasonality. Atmospheric Chemistry and Physics, 2015, 15, 2429-2443.	4.9	31
1547	Two years of near real-time chemical composition of submicron aerosols in the region of Paris using an Aerosol Chemical Speciation Monitor (ACSM) and a multi-wavelength Aethalometer. Atmospheric Chemistry and Physics, 2015, 15, 2985-3005.	4.9	138
1548	CCN activation of fumed silica aerosols mixed with soluble pollutants. Atmospheric Chemistry and Physics, 2015, 15, 3815-3829.	4.9	8
1549	Strong atmospheric new particle formation in winter in urban Shanghai, China. Atmospheric Chemistry and Physics, 2015, 15, 1769-1781.	4.9	147
1550	ldentification and quantification of gaseous organic compounds emitted from biomass burning using two-dimensional gas chromatography–time-of-flight mass spectrometry. Atmospheric Chemistry and Physics, 2015, 15, 1865-1899.	4.9	154
1551	How emissions, climate, and land use change will impact mid-century air quality over the United States: a focus on effects at national parks. Atmospheric Chemistry and Physics, 2015, 15, 2805-2823.	4.9	105
1552	Impacts of emission reductions on aerosol radiative effects. Atmospheric Chemistry and Physics, 2015, 15, 5501-5519.	4.9	7
1553	The global impact of the transport sectors on atmospheric aerosol in 2030 – Part 1: Land transport and shipping. Atmospheric Chemistry and Physics, 2015, 15, 633-651.	4.9	20
1554	Investigating the annual behaviour of submicron secondary inorganic and organic aerosols in London. Atmospheric Chemistry and Physics, 2015, 15, 6351-6366.	4.9	46

#	Article	IF	CITATIONS
1555	Chemical characterization of submicron regional background aerosols in the western Mediterranean using an Aerosol Chemical Speciation Monitor. Atmospheric Chemistry and Physics, 2015, 15, 6379-6391.	4.9	69
1556	Source contributions to 2012 summertime aerosols in the Euro-Mediterranean region. Atmospheric Chemistry and Physics, 2015, 15, 8013-8036.	4.9	42
1557	Particulate matter, air quality and climate: lessons learned and future needs. Atmospheric Chemistry and Physics, 2015, 15, 8217-8299.	4.9	641
1558	Quantifying the contribution of long-range transport to particulate matter (PM) mass loadings at a suburban site in the north-western Indo-Gangetic Plain (NW-IGP). Atmospheric Chemistry and Physics, 2015, 15, 9501-9520.	4.9	50
1559	Receptor modelling of both particle composition and size distribution from a background site in London, UK. Atmospheric Chemistry and Physics, 2015, 15, 10107-10125.	4.9	87
1560	Fourteen months of on-line measurements of the non-refractory submicron aerosol at the Jungfraujoch (3580 m a.s.l.) – chemical composition, origins and organic aerosol sources. Atmospheric Chemistry and Physics, 2015, 15, 11373-11398.	4.9	55
1561	Organic nitrate aerosol formation via NO <sub>3</sub> + biogenic volatile organic compounds in the southeastern United States. Atmospheric Chemistry and Physics, 2015, 15, 13377-13392.	4.9	124
1562	Insights into the growth of newly formed particles in a subtropical urban environment. Atmospheric Chemistry and Physics, 2015, 15, 13475-13485.	4.9	6
1563	Spatial and temporal variations of the concentrations of PM <sub>10</sub> , PM <sub>2.5</sub> and PM <sub>1</sub> in China. Atmospheric Chemistry and Physics, 2015, 15, 13585-13598.	4.9	174
1564	Sources and chemical characterization of organic aerosol during the summer in the eastern Mediterranean. Atmospheric Chemistry and Physics, 2015, 15, 11355-11371.	4.9	68
1565	Effects of Particulate Matter and Antioxidant Dietary Intake on Blood Pressure. American Journal of Public Health, 2015, 105, 1254-1261.	2.7	21
1566	Global, regional and local health impacts of civil aviation emissions. Environmental Research Letters, 2015, 10, 034001.	5.2	118
1567	Metals and possible sources of lead in aerosols at the Dinghushan nature reserve, southern China. Rapid Communications in Mass Spectrometry, 2015, 29, 1403-1410.	1.5	4
1568	Rat lung response to ozone and fine particulate matter (PM <sub>2.5</sub> ) exposures. Environmental Toxicology, 2015, 30, 343-356.	4.0	91
1569	Health Impact Assessment of PM10 and PM2.5 in 27 Southeast and East Asian Cities. Journal of Occupational and Environmental Medicine, 2015, 57, 751-756.	1.7	41
1570	Measuring of Outdoor and Indoor Particulate Matter Concentrations in Village of Jasov. Solid State Phenomena, 2015, 244, 182-187.	0.3	1
1571	Guidelines for the prevention and management of cardiovascular disease associated with fine dust/Asian dust exposure. Journal of the Korean Medical Association, 2015, 58, 1044.	0.3	8
1572	Projeção da mortalidade e internações hospitalares na rede pública de saúde atribuÃveis à poluição atmosférica no Estado de São Paulo entre 2012 e 2030. Revista Brasileira De Estudos De Populacao, 2015, 32, 489-509.	0.3	10

		CITATION R	EPORT	
#	Article		IF	Citations
1573	Air pollution and children's health: sickle cell disease. Cadernos De Saude Publica, 2015, 31, 26	5-275.	1.0	26
1574	Volcanic Gas and Aerosol Hazards from a Future Laki-Type Eruption in Iceland. , 2015, , 377-397			5
1575	Physical Activity- and Alcohol-dependent Association Between Air Pollution Exposure and Elevat Liver Enzyme Levels: An Elderly Panel Study. Journal of Preventive Medicine and Public Health, 2 151-169.	ed 015, 48,	1.9	44
1576	Comparison of advanced offline and in situ techniques of organic aerosol composition measure during the CalNex campaign. Atmospheric Measurement Techniques, 2015, 8, 5177-5187.	ment	3.1	7
1577	Blood Pressure and Same-Day Exposure to Air Pollution at School: Associations with Nano-Sized Coarse PM in Children. Environmental Health Perspectives, 2015, 123, 737-742.	l to	6.0	96
1578	Association between Fine Particulate Air Pollution and Daily Clinic Visits for Migraine in a Subtropical City: Taipei, Taiwan. International Journal of Environmental Research and Public Hea 2015, 12, 4697-4708.	lth,	2.6	23
1579	Using a generalized additive model to quantify the influence of local meteorology on air quality Zagreb. Geofizika, 2015, 32, 47-77.	in	0.4	15
1580	Association of geographical distribution of air quality index and type 2 diabetes mellitus in Isfah Iran. Pakistan Journal of Medical Sciences, 2015, 31, 369-73.	an,	0.6	3
1581	PM <sub>1</sub> geochemical and mineralogical characterizatio SEM-EDX to identify particle origin – Agri Valley pilot area (Basilicata, southern Italy). Natural Hazards and Earth System Sciences, 2015, 15, 1551-1561.	n using	3.6	20
1582	Summertime Spatial Variations in Atmospheric Particulate Matter and Its Chemical Component Different Functional Areas of Xiamen, China. Atmosphere, 2015, 6, 234-254.	s in	2.3	16
1583	Indoor Air Quality in Naturally Ventilated Italian Classrooms. Atmosphere, 2015, 6, 1652-1675.		2.3	46
1584	Future Premature Mortality Due to O3, Secondary Inorganic Aerosols and Primary PM in Europe Sensitivity to Changes in Climate, Anthropogenic Emissions, Population and Building Stock. International Journal of Environmental Research and Public Health, 2015, 12, 2837-2869.	—	2.6	52
1585	Evaluating the Long-Term Health and Economic Impacts of Central Residential Air Filtration for Reducing Premature Mortality Associated with Indoor Fine Particulate Matter (PM2.5) of Outdo Origin. International Journal of Environmental Research and Public Health, 2015, 12, 8448-8479	oor ).	2.6	35
1586	Comparison of Hourly PM2.5 Observations Between Urban and Suburban Areas in Beijing, Chin International Journal of Environmental Research and Public Health, 2015, 12, 12264-12276.	a.	2.6	40
1587	Particulate Matter Exposure in a Police Station Located near a Highway. International Journal of Environmental Research and Public Health, 2015, 12, 14541-14556.		2.6	8
1588	The Role of Plant–Microbe Interactions and Their Exploitation for Phytoremediation of Air Pollutants. International Journal of Molecular Sciences, 2015, 16, 25576-25604.		4.1	132
1589	Tourists' Perception of Haze Pollution and the Potential Impacts on Travel: Reshaping the Fe Tourism Seasonality in Beijing, China. Sustainability, 2015, 7, 2397-2414.	eatures of	3.2	107
1590	Social and Behavioral Determinants of Perceived Insufficient Sleep. Frontiers in Neurology, 2015	5, 6,	2.4	140

# 1591	ARTICLE Coarse Particulate Air Pollution Associated with Increased Risk of Hospital Admissions for Respiratory Diseases in a Tropical City, Kaohsiung, Taiwan. International Journal of Environmental	IF 2.6	Citations
1593	Carotid Intima-Media Thickness, a Marker of Subclinical Atherosclerosis, and Particulate Air Pollution Exposure: the Meta-Analytical Evidence. PLoS ONE, 2015, 10, e0127014.	2.5	66
1594	Volcanic Gases: Silent Killers. Advances in Volcanology, 2015, , 65-83.	1.1	7
1595	Association between Air Pollutants and Asthma Emergency Room Visits and Hospital Admissions in Time Series Studies: A Systematic Review and Meta-Analysis. PLoS ONE, 2015, 10, e0138146.	2.5	314
1596	Individual Effect Modifiers of Dust Exposure Effect on Cardiovascular Morbidity. PLoS ONE, 2015, 10, e0137714.	2.5	51
1597	Laboratory Evaluation of the Shinyei PPD42NS Low-Cost Particulate Matter Sensor. PLoS ONE, 2015, 10, e0137789.	2.5	96
1598	Environmental Predictors of US County Mortality Patterns on a National Basis. PLoS ONE, 2015, 10, e0137832.	2.5	6
1599	Effects of Urban Landscape Pattern on PM2.5 Pollution—A Beijing Case Study. PLoS ONE, 2015, 10, e0142449.	2.5	115
1600	Inequalities in Global Trade: A Cross-Country Comparison of Trade Network Position, Economic Wealth, Pollution and Mortality. PLoS ONE, 2015, 10, e0144453.	2.5	25
1601	Measured and Predicted Soot Particle Emissions from Natural Gas Engines. , 0, , .		21
1602	Outdoor Air Pollution and Cardiovascular Diseases in Lebanon: A Case-Control Study. Journal of Environmental and Public Health, 2015, 2015, 1-6.	0.9	12
1603	ACTRIS ACSM intercomparison – Part 2: Intercomparison of ME-2 organic source apportionment results from 15 individual, co-located aerosol mass spectrometers. Atmospheric Measurement Techniques, 2015, 8, 2555-2576.	3.1	118
1604	Assessment of atmospheric trace element concentrations by lichen-bag near an oil/gas pre-treatment plant in the Agri Valley (southern Italy). Natural Hazards and Earth System Sciences, 2015, 15, 325-333.	3.6	12
1605	Inter-comparison of laboratory smog chamber and flow reactor systems on organic aerosol yield and composition. Atmospheric Measurement Techniques, 2015, 8, 2315-2332.	3.1	110
1606	Recent trends in gas-phase ammonia and PM <sub>2.5</sub> ammonium in the Southeast United States. Journal of the Air and Waste Management Association, 2015, 65, 347-357.	1.9	49
1607	Winter Polycyclic Aromatic Hydrocarbon-Bound Particulate Matter from Peri-urban North China Promotes Lung Cancer Cell Metastasis. Environmental Science & Technology, 2015, 49, 14484-14493.	10.0	89
1608	Land use regression models for crustal and traffic-related PM2.5 constituents in four areas of the SAPALDIA study. Environmental Research, 2015, 140, 377-384.	7.5	23
1609	Characterization of PAHs and metals in indoor/outdoor PM10/PM2.5/PM1 in a retirement home and a school dormitory. Science of the Total Environment, 2015, 527-528, 100-110.	8.0	204

#	Article	IF	CITATIONS
1610	Physicochemical factors and sources of particulate matter at residential urban environment in Kuala Lumpur. Journal of the Air and Waste Management Association, 2015, 65, 958-969.	1.9	28
1611	Twelve-month, 12 km resolution North American WRF-Chem v3.4 air quality simulation: performance evaluation. Geoscientific Model Development, 2015, 8, 957-973.	3.6	34
1612	Ionizer Assisted Air Filtration for Collection of Submicron and Ultrafine Particles—Evaluation of Long-Term Performance and Influencing Factors. Environmental Science & Technology, 2015, 49, 6891-6898.	10.0	54
1613	Cardiopulmonary Benefits of Reducing Indoor Particles of Outdoor Origin. Journal of the American College of Cardiology, 2015, 65, 2279-2287.	2.8	214
1614	Quantification of differences between occupancy and total monitoring periods for better assessment of exposure to particles in indoor environments. Atmospheric Environment, 2015, 106, 419-428.	4.1	36
1615	â€~Herbal' but potentially hazardous: an analysis of the constituents and smoke emissions of tobacco-free waterpipe products and the air quality in the cafés where they are served. Tobacco Control, 2015, 24, 290-297.	3.2	57
1616	Evaluation of the Dustiness of Different Kaolin Samples. Journal of Occupational and Environmental Hygiene, 2015, 12, 547-554.	1.0	11
1617	MATCH-SALSA – Multi-scale Atmospheric Transport and CHemistry model coupled to the SALSA aerosol microphysics model – Part 1: Model description and evaluation. Geoscientific Model Development, 2015, 8, 171-189.	3.6	46
1619	Particulate matter (PM10) induces metalloprotease activity and invasion in airway epithelial cells. Toxicology Letters, 2015, 237, 167-173.	0.8	32
1620	PM and CO2 variability and relationship in the different school environments. Chemical Industry and Chemical Engineering Quarterly, 2015, 21, 179-187.	0.7	13
1621	Cardiac and mitochondrial dysfunction following acute pulmonary exposure to mountaintop removal mining particulate matter. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H2017-H2030.	3.2	36
1622	The future of airborne sulfur-containing particles in the absence of fossil fuel sulfur dioxide emissions. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13514-13519.	7.1	76
1623	Short-Term Effects of Coarse Particulate Matter on Hospital Admissions for Cardiovascular Diseases: A Case-Crossover Study in a Tropical City. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 1241-1253.	2.3	44
1624	Geochemical behaviour of PM10 aerosol constituents under the influence of succeeding anticyclonic/cyclonic situations: case of Sfax City, southern Tunisia. Environmental Monitoring and Assessment, 2015, 187, 757.	2.7	15
1625	Coal mine fires and human health: What do we know?. International Journal of Coal Geology, 2015, 152, 1-14.	5.0	113
1626	Impact of Fine Particulate Matter (PM <sub>2.5</sub> ) Exposure During Wildfires on Cardiovascular Health Outcomes. Journal of the American Heart Association, 2015, 4, .	3.7	168
1627	Removal of Particulate Matter Emissions from a Vehicle Using a Self-Powered Triboelectric Filter. ACS Nano, 2015, 9, 12552-12561.	14.6	133
1628	Inhalation of particulate matter in three different routes for the same OD pair: A case study with pedestrians in the city of Lisbon. Journal of Transport and Health, 2015, 2, 474-482.	2.2	10

#	Article	IF	CITATIONS
1629	Oxidative potential of coarse particulate matter (PM <sub>10–2.5</sub> ) and its relation to water solubility and sources of trace elements and metals in the Los Angeles Basin. Environmental Sciences: Processes and Impacts, 2015, 17, 2110-2121.	3.5	42
1630	Model Selection of Symbolic Regression to Improve the Accuracy of PM2.5 Concentration Prediction. Lecture Notes in Computer Science, 2015, , 189-197.	1.3	1
1631	Urban air quality management-A review. Atmospheric Pollution Research, 2015, 6, 286-304.	3.8	273
1632	Leaf trapping and retention of particles by holm oak and other common tree species in Mediterranean urban environments. Urban Forestry and Urban Greening, 2015, 14, 1095-1101.	5.3	70
1633	Production of hydroxyl radicals from Fe-containing fine particles in Guangzhou, China. Atmospheric Environment, 2015, 123, 72-78.	4.1	14
1634	Evaluation of atherosclerosis as a potential mode of action for cardiovascular effects of particulate matter. Regulatory Toxicology and Pharmacology, 2015, 73, S1-S15.	2.7	9
1635	Effects of spatial sensitivity on mass sensing with bulk acoustic mode resonators. Sensors and Actuators A: Physical, 2015, 236, 369-379.	4.1	13
1636	International experience with compressed natural gas (CNG) as environmental friendly fuel. Energy Systems, 2015, 6, 507-531.	3.0	27
1637	Development and comparison of regression models and feedforward backpropagation neural network models to predict seasonal indoor PM2.5–10 and PM2.5 concentrations in naturally ventilated schools. Atmospheric Pollution Research, 2015, 6, 1013-1023.	3.8	73
1638	Characterizing spatial distribution and temporal variation of PM10 and PM2.5 mass concentrations in an urban area of Southwest China. Atmospheric Pollution Research, 2015, 6, 842-848.	3.8	49
1639	Monitoring the temporal variations of PM2.5and gases close to the highway in Sohar, Oman. International Journal of Environmental Studies, 2015, 72, 685-695.	1.6	3
1640	Fingerprint of Lung Fluid Ultrafine Particles, a Novel Marker of Acute Lung Inflammation. Respiration, 2015, 90, 74-84.	2.6	8
1641	Annual air pollution level of major primary pollutants in Greater Area of Bucharest. Atmospheric Pollution Research, 2015, 6, 824-834.	3.8	32
1642	Integrated analysis of GHGs and public health damage mitigation for developing urban road transportation strategies. Transportation Research, Part D: Transport and Environment, 2015, 35, 84-103.	6.8	24
1643	Review of some effects of climate change on indoor environmental quality and health and associated no-regrets mitigation measures. Building and Environment, 2015, 86, 70-80.	6.9	77
1644	Effect of fuel zinc content on toxicological responses of particulate matter from pellet combustion in vitro. Science of the Total Environment, 2015, 511, 331-340.	8.0	39
1645	Lung cancer risk from PAHs emitted from biomass combustion. Environmental Research, 2015, 137, 147-156.	7.5	144
1646	Effects of the exposure to indoor cooking-generated particles on nitric oxide exhaled by women. Atmospheric Environment, 2015, 103, 238-246.	4.1	43

		CITATION REPORT		
# 1647	ARTICLE Estimation of Aerosol Mass Scattering Efficiencies under High Mass Loading: Case Study for the Megacity of Shanghai, China. Environmental Science & amp; Technology, 2015, 49, 831-838.	IF 10	).0	Citations 30
1648	Toxic urban waste's assault on cardiovascular risk. IJC Metabolic & Endocrine, 2015, 6, 36-42.	0.	5	2
1649	Size-resolved global emission inventory of primary particulate matter from energy-related combustion sources. Atmospheric Environment, 2015, 107, 137-147.	4.3	1	18
1650	Chemical speciation and source apportionment of fine particulate matter in Santiago, Chile, 2013 Science of the Total Environment, 2015, 512-513, 133-142.	. 8.	0	75
1651	A land use regression model for estimating the NO2 concentration in shanghai, China. Environme Research, 2015, 137, 308-315.	ıtal 7.8	5	113
1652	Estimating ammonia emissions from a winter wheat cropland in North China Plain with field experiments and inverse dispersion modeling. Atmospheric Environment, 2015, 104, 1-10.	4.	1	30
1653	Association between respiratory health and indoor air pollution exposure in Canakkale, Turkey. Building and Environment, 2015, 93, 72-83.	6.9	9	55
1654	A multi-scale health impact assessment of air pollution over the 21st century. Science of the Total Environment, 2015, 514, 439-449.	8.	0	58
1655	Assessment of long-term measurements of particulate matter and gaseous pollutants in South-Ea Mediterranean. Atmospheric Environment, 2015, 107, 148-165.	st 4.	1	40
1656	Transparent air filter for high-efficiency PM2.5 capture. Nature Communications, 2015, 6, 6205.	12	2.8	690
1657	Uptake of Epoxydiol Isomers Accounts for Half of the Particle-Phase Material Produced from Isopr Photooxidation via the HO <sub>2</sub> Pathway. Environmental Science & Technology, 20 250-258.	ene 15, 49, 10	).0	48
1658	Secondary Organic Aerosol from Aqueous Reactions of Green Leaf Volatiles with Organic Triplet Excited States and Singlet Molecular Oxygen. Environmental Science & Technology, 2015, 49 268-276.	), 10	).0	33
1659	Indoor air pollution from burning yak dung as a household fuel in Tibet. Atmospheric Environment 2015, 102, 406-412.	,	1	77
1660	Source-specific fine particulate air pollution and systemic inflammation in ischaemic heart disease patients. Occupational and Environmental Medicine, 2015, 72, 277-283.	2.	8	56
1661	Commentary: Flawed Scientific-Evidence Standards Delay Diesel Regulations. Accountability in Research, 2015, 22, 162-191.	2.4	4	3
1662	Applying land use regression model to estimate spatial variation of PM2.5 in Beijing, China. Environmental Science and Pollution Research, 2015, 22, 7045-7061.	5.	3	118
1663	Particulate Matter deposition on Quercus ilex leaves in an industrial city of central Italy. Environmental Pollution, 2015, 197, 187-194.	7.5	5	136
1664	Health impacts and economic losses assessment of the 2013 severe haze event in Beijing area. So the Total Environment, 2015, 511, 553-561.	ience of 8.	0	237

#	Article	IF	CITATIONS
1665	Comparison of Sources of Variability in School Age Children Exposure to Ambient PM <sub>2.5</sub> . Environmental Science & Technology, 2015, 49, 1511-1520.	10.0	16
1666	Morphological characteristics of particles emitted from combustion of different fuels in improved and traditional cookstoves. Journal of Aerosol Science, 2015, 82, 13-23.	3.8	17
1667	Spatial and seasonal heterogeneity of atmospheric particles induced reactive oxygen species in urban areas and the role of water-soluble metals. Environmental Pollution, 2015, 198, 86-96.	7.5	26
1668	New European Driving Cycle assessment by means of particle size distributions in a light-duty diesel engine fuelled with different fuel formulations. Fuel, 2015, 140, 649-659.	6.4	13
1669	Emissions removal efficiency from diesel gensets using aftermarket PM controls. Clean Technologies and Environmental Policy, 2015, 17, 1861-1871.	4.1	5
1670	One-year intensive characterization on PM2.5 nearby port area of Thessaloniki, Greece. Environmental Science and Pollution Research, 2015, 22, 6812-6826.	5.3	33
1671	Ethylene Glycol Emissions from On-road Vehicles. Environmental Science & Technology, 2015, 49, 3322-3329.	10.0	9
1672	Insights into the production potential and trends of China's rural biogas. International Journal of Energy Research, 2015, 39, 1068-1082.	4.5	49
1673	Analysis of spatio-temporal variability of aerosol optical depth with empirical orthogonal functions in the Changjiang River Delta, China. Frontiers of Earth Science, 2015, 9, 1-12.	2.1	9
1674	Concentrations, particle-size distributions, and indoor/outdoor differences of polycyclic aromatic hydrocarbons (PAHs) in a middle school classroom in Xi'an, China. Environmental Geochemistry and Health, 2015, 37, 861-873.	3.4	37
1675	Determination of wood burning and fossil fuel contribution of black carbon at Delhi, India using aerosol light absorption technique. Environmental Science and Pollution Research, 2015, 22, 2846-2855.	5.3	42
1676	A model-based fuzzy set-OWA approach for integrated air pollution risk assessment. Stochastic Environmental Research and Risk Assessment, 2015, 29, 1413-1426.	4.0	17
1677	A measurement of summertime dry deposition of ambient air particulates and associated metallic pollutants in Central Taiwan. Environmental Geochemistry and Health, 2015, 37, 233-249.	3.4	7
1678	Atmospheric particulate matter in proximity to mountaintop coal mines: sources and potential environmental and human health impacts. Environmental Geochemistry and Health, 2015, 37, 529-544.	3.4	49
1679	Numerical study of cooking particle coagulation by using an Eulerian model. Building and Environment, 2015, 89, 38-47.	6.9	14
1680	Temporal variation of PM10 and metal concentrations in Tampico, Mexico. Air Quality, Atmosphere and Health, 2015, 8, 367-378.	3.3	9
1681	Addressing Global Mortality from Ambient PM <sub>2.5</sub> . Environmental Science & Technology, 2015, 49, 8057-8066.	10.0	730
1683	Formation of Low Volatility Organic Compounds and Secondary Organic Aerosol from Isoprene Hydroxyhydroperoxide Low-NO Oxidation. Environmental Science & Technology, 2015, 49, 10330-10339.	10.0	172

#	Article	IF	Citations
1684	Capturing the urban canyon effect on particle number concentrations across a large road network using spatial analysis tools. Building and Environment, 2015, 92, 328-334.	6.9	30
1685	Variability and potential sources of summer PM2.5 in the Northeastern United States. Atmospheric Environment, 2015, 117, 259-270.	4.1	8
1686	Assessing responses of cardiovascular mortality to particulate matter air pollution for pre-, during- and post-2008 Olympics periods. Environmental Research, 2015, 142, 112-122.	7.5	43
1687	A CFD modeling study in an urban street canyon for ultrafine particles and population exposure: The intake fraction approach. Science of the Total Environment, 2015, 530-531, 227-232.	8.0	52
1688	Increasing impact of urban fine particles (PM2.5) on areas surrounding Chinese cities. Scientific Reports, 2015, 5, 12467.	3.3	71
1689	Indoor aerosol modeling for assessment of exposure and respiratory tract deposited dose. Atmospheric Environment, 2015, 106, 402-411.	4.1	52
1690	Source prioritization for urban particulate emission control in India based on an inventory of PM10 and its carbonaceous fraction in six cities. Environmental Development, 2015, 16, 44-53.	4.1	5
1691	Nitrogen-modified nano-titania: True phase composition, microstructure and visible-light induced photocatalytic NO abatement. Journal of Solid State Chemistry, 2015, 231, 87-100.	2.9	18
1692	City as a major source area of fine particulate (PM2.5) in China. Environmental Pollution, 2015, 206, 183-187.	7.5	127
1693	Effects of ambient air particles on mortality in Seoul: Have the effects changed over time?. Environmental Research, 2015, 140, 684-690.	7.5	25
1694	Disaggregating the contribution of local dispersion and long-range transport to the high PM10 values measured in a Mediterranean urban environment. Science of the Total Environment, 2015, 527-528, 119-125.	8.0	12
1695	Long-term effects of elemental composition of particulate matter on inflammatory blood markers in European cohorts. Environment International, 2015, 82, 76-84.	10.0	77
1696	Source Apportionment of Elemental Carbon in Beijing, China: Insights from Radiocarbon and Organic Marker Measurements. Environmental Science & Technology, 2015, 49, 8408-8415.	10.0	83
1697	Evaluation of the impact of transportation changes on air quality. Atmospheric Environment, 2015, 114, 19-31.	4.1	65
1698	Air Quality and Climate Connections. Journal of the Air and Waste Management Association, 2015, 65, 641-644.	1.9	3
1699	A Unified Spatiotemporal Modeling Approach for Predicting Concentrations of Multiple Air Pollutants in the Multi-Ethnic Study of Atherosclerosis and Air Pollution. Environmental Health Perspectives, 2015, 123, 301-309.	6.0	146
1700	Monetization of External Costs Using Lifecycle Analysis—A Comparative Case Study of Coal-Fired and Biomass Power Plants in Northeast China. Energies, 2015, 8, 1440-1467.	3.1	24
1701	The effects on health of ambient particles: time for an agonizing reappraisal?. Cell Biology and Toxicology, 2015, 31, 131-147.	5.3	16

#	Article	IF	Citations
1702	Impact of air pollutants from surface transport sources on human health: A modeling and epidemiological approach. Environment International, 2015, 83, 146-157.	10.0	57
1703	Ultrafine particle emissions by in-use diesel buses of various generations at low-load regimes. Atmospheric Environment, 2015, 107, 273-280.	4.1	24
1704	Agreement of central site measurements and land use regression modeled oxidative potential of PM2.5 with personal exposure. Environmental Research, 2015, 140, 397-404.	7.5	9
1705	PM emissions measurements of in-service commercial aircraft engines during the Delta-Atlanta Hartsfield Study. Atmospheric Environment, 2015, 104, 237-245.	4.1	44
1706	Influences of ambient air PM2.5 concentration and meteorological condition on the indoor PM2.5 concentrations in a residential apartment in Beijing using a new approach. Environmental Pollution, 2015, 205, 307-314.	7.5	82
1707	A Longitudinal Cohort Study of Body Mass Index and Childhood Exposure to Secondhand Tobacco Smoke and Air Pollution: The Southern California Children's Health Study. Environmental Health Perspectives, 2015, 123, 360-366.	6.0	149
1708	Effects of both blended and pure biodiesel on waste heat recovery potentiality and exhaust emissions of a small CI (compression ignition) engine. Energy, 2015, 86, 661-671.	8.8	16
1709	Composition and sources of fine and coarse particles collected during 2002–2010 in Boston, MA. Journal of the Air and Waste Management Association, 2015, 65, 287-297.	1.9	86
1710	Long-term exposure to fine particulate matter and incidence of type 2 diabetes mellitus in a cohort study: effects of total and traffic-specific air pollution. Environmental Health, 2015, 14, 53.	4.0	152
1711	Health benefits of air pollution abatement policy: Role of the shape of the concentration–response function. Journal of the Air and Waste Management Association, 2015, 65, 516-522.	1.9	101
1712	Comparison of the Detection Characteristics of Trace Species Using Laser-Induced Breakdown Spectroscopy and Laser Breakdown Time-of-Flight Mass Spectrometry. Sensors, 2015, 15, 5982-6008.	3.8	12
1713	Air Pollution and Cardiovascular Disease. Current Problems in Cardiology, 2015, 40, 207-238.	2.4	382
1714	PM10 in a background urban site: Chemical characteristics and biological effects. Environmental Toxicology and Pharmacology, 2015, 39, 833-844.	4.0	38
1715	Enriched inorganic compounds in diesel exhaust particles induce mitogen-activated protein kinase activation, cytoskeleton instability, and cytotoxicity in human bronchial epithelial cells. Experimental and Toxicologic Pathology, 2015, 67, 323-329.	2.1	10
1716	Emissions of particulate matter from animal houses in the Netherlands. Atmospheric Environment, 2015, 111, 202-212.	4.1	56
1717	Estimating the health benefit of reducing indoor air pollution in a randomized environmental intervention. Journal of the Royal Statistical Society Series A: Statistics in Society, 2015, 178, 425-443.	1.1	19
1718	A New Method to Measure Aerosol Particle Bounce Using a Cascade Electrical Low Pressure Impactor. Aerosol Science and Technology, 2015, 49, 390-399.	3.1	25
1719	Investigating the role of transportation models in epidemiologic studies of traffic related air pollution and health effects. Environmental Research, 2015, 140, 282-291.	7.5	24

#	Article	IF	CITATIONS
1720	Spatial variations of levoglucosan in four European study areas. Science of the Total Environment, 2015, 505, 1072-1081.	8.0	27
1721	Particle effective density and mass during steady-state operation of GDI, PFI, and diesel passenger cars. Journal of Aerosol Science, 2015, 83, 39-54.	3.8	65
1722	Saturation Vapor Pressures and Transition Enthalpies of Low-Volatility Organic Molecules of Atmospheric Relevance: From Dicarboxylic Acids to Complex Mixtures. Chemical Reviews, 2015, 115, 4115-4156.	47.7	196
1723	Statistical analysis of PM2.5 observations from diplomatic facilities in China. Atmospheric Environment, 2015, 110, 174-185.	4.1	90
1724	Online determination of polycyclic aromatic hydrocarbon formation from a flame soot generator. Analytical and Bioanalytical Chemistry, 2015, 407, 5911-5922.	3.7	23
1725	In situ acidity and pH of size-fractionated aerosols during a recent smoke-haze episode in Southeast Asia. Environmental Geochemistry and Health, 2015, 37, 843-859.	3.4	12
1726	The size distribution and origin of elements bound to ambient particles: a case study of a Polish urban area. Environmental Monitoring and Assessment, 2015, 187, 240.	2.7	57
1727	A benchmark for numerical scheme validation of airborne particle exposure in street canyons. Environmental Science and Pollution Research, 2015, 22, 2051-2063.	5.3	27
1728	Elements and polycyclic aromatic hydrocarbons in exhaust particles emitted by light-duty vehicles. Environmental Science and Pollution Research, 2015, 22, 11526-11542.	5.3	71
1729	Exposure to High-Dose Diesel Exhaust Particles Induces Intracellular Oxidative Stress and Causes Endothelial Apoptosis in Cultured In Vitro Capillary Tube Cells. Cardiovascular Toxicology, 2015, 15, 345-354.	2.7	23
1730	Fine Particulate Air Pollution and Outpatient Department Visits for Headache in Taipei, Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 506-515.	2.3	24
1731	Seasonal variations of outdoor air pollution and factors driving them in the school environment in rural Bhutan. Atmospheric Environment, 2015, 113, 151-158.	4.1	18
1732	Emissions of PAHs derived from sugarcane burning and processing in Chiapas and Morelos México. Science of the Total Environment, 2015, 527-528, 474-482.	8.0	29
1733	Trace element deportment and particle formation behaviour during thermal processing of iron ore: technical reference for risk assessment of iron ore processing. Journal of Cleaner Production, 2015, 102, 384-393.	9.3	6
1734	Potential PM2.5 impacts of festival-related burning and other inputs on air quality in an urban area of southern Taiwan. Science of the Total Environment, 2015, 527-528, 65-79.	8.0	22
1735	Effects of fine particles on children's hospital admissions for respiratory health in Seville, Spain. Journal of the Air and Waste Management Association, 2015, 65, 436-444.	1.9	24
1736	Ambient air metallic elements compositions study in total suspended particulates and dry depositions at Taichung Harbor. Environmental Earth Sciences, 2015, 74, 4163-4170.	2.7	2
1737	The association of long-term exposure to PM2.5 on all-cause mortality in the Nurses' Health Study and the impact of measurement-error correction. Environmental Health, 2015, 14, 38.	4.0	84

#	Article	IF	CITATIONS
1738	Metabolomics reveals disturbed metabolic pathways in human lung epithelial cells exposed to airborne fine particulate matter. Toxicology Research, 2015, 4, 939-947.	2.1	31
1739	Multicriteria approach to interpret the variability of the levels of particulate matter and gaseous pollutants in the Madrid metropolitan area, during the 1999–2012 period. Atmospheric Environment, 2015, 109, 205-216.	4.1	26
1740	Evaluation of a MISR-Based High-Resolution Aerosol Retrieval Method Using AERONET DRAGON Campaign Data. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4328-4339.	6.3	7
1741	Implications of Ammonia Emissions from Post-Combustion Carbon Capture for Airborne Particulate Matter. Environmental Science & Technology, 2015, 49, 5142-5150.	10.0	11
1742	Multiphase Chemistry at the Atmosphere–Biosphere Interface Influencing Climate and Public Health in the Anthropocene. Chemical Reviews, 2015, 115, 4440-4475.	47.7	468
1743	Characterization and source apportionment of particle number concentration at a semi-urban tropical environment. Environmental Science and Pollution Research, 2015, 22, 13111-13126.	5.3	24
1744	Elemental ratio measurements of organic compounds using aerosol mass spectrometry: characterization, improved calibration, and implications. Atmospheric Chemistry and Physics, 2015, 15, 253-272.	4.9	736
1745	Impact of residential building regulations on reducing indoor exposures to outdoor PM 2.5 in Toronto. Building and Environment, 2015, 89, 336-344.	6.9	21
1746	Airborne brake wear particle emission due to braking and accelerating. Wear, 2015, 334-335, 44-48.	3.1	84
1747	Measuring Particulate Emissions of Light Duty Passenger Vehicles Using Integrated Particle Size Distribution (IPSD). Environmental Science & Technology, 2015, 49, 5618-5627.	10.0	25
1748	Photochemical Aging of Secondary Organic Aerosols Generated from the Photooxidation of Polycyclic Aromatic Hydrocarbons in the Gas-Phase. Environmental Science & Technology, 2015, 49, 5407-5416.	10.0	41
1749	Formation of Urban Fine Particulate Matter. Chemical Reviews, 2015, 115, 3803-3855.	47.7	988
1750	Particulate Matter, Endotoxin, and Worker Respiratory Health on Large Californian Dairies. Journal of Occupational and Environmental Medicine, 2015, 57, 79-87.	1.7	21
1751	Linking Air Pollution Data and Adverse Birth Outcomes. Journal of Public Health Management and Practice, 2015, 21, S68-S74.	1.4	9
1752	Short-Term Effects of Fine Particulate Air Pollution on Hospital Admissions for Cardiovascular Diseases: A Case-Crossover Study in a Tropical City. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 267-277.	2.3	57
1753	Fine particle components and health—a systematic review and meta-analysis of epidemiological time series studies of daily mortality and hospital admissions. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 208-214.	3.9	218
1754	Deposition of aerosol particles from a subway microenvironment in the human respiratory tract. Journal of Aerosol Science, 2015, 90, 103-113.	3.8	62
1755	Air quality improvements following implementation of Lisbon's Low Emission Zone. Atmospheric Environment, 2015, 122, 373-381.	4.1	42

#	Article	IF	CITATIONS
1756	Building design and operational choices that impact indoor exposures to outdoor particulate matter inside residences. Science and Technology for the Built Environment, 2015, 21, 3-13.	1.7	25
1757	Particle- and Gaseous Emissions from an LNG Powered Ship. Environmental Science & Technology, 2015, 49, 12568-12575.	10.0	93
1758	Laser-induced incandescence: Particulate diagnostics for combustion, atmospheric, and industrial applications. Progress in Energy and Combustion Science, 2015, 51, 2-48.	31.2	295
1759	Breathing easier in the Amazon. Nature Geoscience, 2015, 8, 751-752.	12.9	1
1760	Is atherosclerotic disease associated with organic components of ambient fine particles?. Science of the Total Environment, 2015, 533, 69-75.	8.0	35
1761	Assessing the Potential for the Reactions of Epoxides with Amines on Secondary Organic Aerosol Particles. Journal of Physical Chemistry A, 2015, 119, 10181-10189.	2.5	29
1762	Assessment of pollutants emission and aftertreatment efficiency in a GTDi engine including cooled LP-EGR system under different steady-state operating conditions. Applied Energy, 2015, 158, 459-473.	10.1	24
1763	Improvements in PIXE analysis of hourly particulate matter samples. Nuclear Instruments & Methods in Physics Research B, 2015, 363, 99-104.	1.4	41
1764	Assessing the role of chemical components in cellular responses to atmospheric particle matter (PM) through chemical fractionation of PM extracts. Analytical and Bioanalytical Chemistry, 2015, 407, 5953-5963.	3.7	28
1765	Reduced gene expression levels after chronic exposure to high concentrations of air pollutants. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 780, 60-70.	1.0	27
1766	Effect of Indoor air pollution from biomass and solid fuel combustion on symptoms of preeclampsia/eclampsia in Indian women. Indoor Air, 2015, 25, 341-352.	4.3	79
1767	Bioaccessibility of trace elementsÂin fine and ultrafine atmospheric particles in an industrial environment. Environmental Geochemistry and Health, 2015, 37, 875-889.	3.4	47
1768	A comprehensive analysis of the impact of biofuels on the performance and emissions from compression and spark-ignition engines. International Journal of Engine Research, 2015, 16, 680-690.	2.3	10
1769	Tobacco smoke exposure and impact of smoking legislation on rural and non-rural hospitality venues in North Dakota. Research in Nursing and Health, 2015, 38, 268-277.	1.6	6
1770	Characteristics of hopanoid hydrocarbons in ambient PM10 and motor vehicle emissions and coal ash in Taiyuan, China. Environmental Geochemistry and Health, 2015, 37, 813-829.	3.4	9
1771	Ethnic differences in ambient air pollution and risk of acute ischemic stroke. Environmental Research, 2015, 143, 62-67.	7.5	18
1772	Long-Term Exposure to Particulate Matter Air Pollution Is a Risk Factor for Stroke. Stroke, 2015, 46, 3058-3066.	2.0	138
1773	Diurnal variations of fossil and nonfossil carbonaceous aerosols in Beijing. Atmospheric Environment, 2015, 122, 349-356.	4.1	5

#	Article	IF	CITATIONS
1774	Load-Dependent Emission Factors and Chemical Characteristics of IVOCs from a Medium-Duty Diesel Engine. Environmental Science & Technology, 2015, 49, 13483-13491.	10.0	34
1775	Pulmonary inflammatory effects of source-oriented particulate matter from California's San Joaquin Valley. Atmospheric Environment, 2015, 119, 174-181.	4.1	24
1776	Ambient air pollution, blood mitochondrial DNA copy number and telomere length in a panel of diabetes patients. Inhalation Toxicology, 2015, 27, 481-487.	1.6	23
1777	A Comparison Between a Semi-Continuous Analyzer and Filter-Based Method for Measuring Anion and Cation Concentrations in PM10at an Urban Background Site in London. Aerosol Science and Technology, 2015, 49, 793-801.	3.1	13
1778	Effects of aggregate morphology and size on laser-induced incandescence and scattering from black carbon (mature soot). Journal of Aerosol Science, 2015, 88, 159-181.	3.8	30
1779	Exposure to medium and high ambient levels of ozone causes adverse systemic inflammatory and cardiac autonomic effects. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1499-H1509.	3.2	68
1780	New particle formation and growth from methanesulfonic acid, trimethylamine and water. Physical Chemistry Chemical Physics, 2015, 17, 13699-13709.	2.8	88
1781	Cadmium sulfide nanoparticle induces oxidative stress and pro-inflammatory effects in human lung adenocarcinoma epithelial cells. Toxicological and Environmental Chemistry, 2015, 97, 619-633.	1.2	7
1782	On the use of small and cheaper sensors and devices for indicative citizen-based monitoring of respirable particulate matter. Environmental Pollution, 2015, 206, 696-704.	7.5	134
1783	The contribution of outdoor air pollution sources to premature mortality on a global scale. Nature, 2015, 525, 367-371.	27.8	4,052
1784	Spatial variation of PM elemental composition between and within 20 European study areas — Results of the ESCAPE project. Environment International, 2015, 84, 181-192.	10.0	49
1785	What does the scientific literature tell us about the ventilation–health relationship in public and residential buildings?. Building and Environment, 2015, 94, 273-286.	6.9	132
1786	Characteristics and seasonal variation of organic matter in PM2.5 at a regional background site of the Yangtze River Delta region, China. Atmospheric Environment, 2015, 123, 288-297.	4.1	59
1787	A multivariate study for characterizing particulate matter (PM10, PM2.5, and PM1) in Seoul metropolitan subway stations, Korea. Journal of Hazardous Materials, 2015, 297, 295-303.	12.4	81
1788	Assessment of short-term PM2.5-related mortality due to different emission sources in the Yangtze River Delta, China. Atmospheric Environment, 2015, 123, 440-448.	4.1	88
1789	Molecular view modeling of atmospheric organic particulate matter: Incorporating molecular structure and co-condensation of water. Atmospheric Environment, 2015, 122, 400-408.	4.1	27
1790	Short-Term Effect of Coarse Particles on Daily Mortality Rate in A Tropical City, Kaohsiung, Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 1409-1420.	2.3	8
1791	A Statistical Model to Assess Air Quality Levels at Urban Sites. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	5

#	Article	IF	CITATIONS
1792	Semi-empirical process-based models for ammonia emissions from beef, swine, and poultry operations in the United States. Atmospheric Environment, 2015, 120, 127-136.	4.1	18
1793	Fractionating ambient humic-like substances (HULIS) for their reactive oxygen species activity – Assessing the importance of quinones and atmospheric aging. Atmospheric Environment, 2015, 120, 351-359.	4.1	110
1794	Methodological issues related to pooling results from panel studies of heart rate variability and its association with ambient air pollution. Environmental Research, 2015, 140, 462-465.	7.5	6
1795	Evaluation of the Pulmonary Toxicity of Ambient Particulate Matter From Camp Victory, Iraq. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 1385-1408.	2.3	10
1796	On the Origin of AMS "Cooking Organic Aerosol―at a Rural Site. Environmental Science & Technology, 2015, 49, 13964-13972.	10.0	38
1797	Acute and subchronic exposure to air particulate matter induces expression of angiotensin and bradykinin-related genes in the lungs and heart: Angiotensin-II type-I receptor as a molecular target of particulate matter exposure. Particle and Fibre Toxicology, 2015, 12, 17.	6.2	63
1798	Influence of road traffic, residential heating and meteorological conditions on PM10 concentrations during air pollution critical episodes. Environmental Science and Pollution Research, 2015, 22, 19027-19038.	5.3	22
1799	When smoke comes to town: The impact of biomass burning smoke on air quality. Atmospheric Environment, 2015, 121, 13-21.	4.1	40
1800	Non-sulfate sulfur in fine aerosols across the United States: Insight for organosulfate prevalence. Atmospheric Environment, 2015, 100, 159-166.	4.1	28
1801	Rapid Detection of Mercury and lodine Using Laser Breakdown Time-of-Flight Mass Spectrometry. Spectroscopy Letters, 2015, 48, 128-138.	1.0	11
1802	Ambient particulate matter and lung cancer incidence and mortality: a meta-analysis of prospective studies. European Journal of Public Health, 2015, 25, 324-329.	0.3	74
1803	Heat savings and heat generation technologies: Modelling of residential investment behaviour with local health costs. Energy Policy, 2015, 77, 31-45.	8.8	10
1804	The effects of marine vessel fuel sulfur regulations on ambient PM 2.5 along the west coast of the U.S Atmospheric Environment, 2015, 103, 121-128.	4.1	27
1805	PM2.5 chemical composition in five European Mediterranean cities: A 1-year study. Atmospheric Research, 2015, 155, 102-117.	4.1	128
1806	The application of semicircular-buffer-based land use regression models incorporating wind direction in predicting quarterly NO 2 and PM 10 concentrations. Atmospheric Environment, 2015, 103, 18-24.	4.1	42
1807	Seasonal and diurnal variation in particulate matter (PM10 and PM2.5) at an urban site of Beijing: analyses from a 9-year study. Environmental Science and Pollution Research, 2015, 22, 627-642.	5.3	180
1808	Concentrations, sources and exposure risks associated with particulate matter in the Middle East Area—a review. Air Quality, Atmosphere and Health, 2015, 8, 67-80.	3.3	104
1809	Association between particulate matter and its chemical constituents of urban air pollution and daily mortality or morbidity in Beijing City. Environmental Science and Pollution Research, 2015, 22, 358-368.	5.3	88

#	Article	IF	CITATIONS
1810	Sustained use of biogas fuel and blood pressure among women in rural Nepal. Environmental Research, 2015, 136, 343-351.	7.5	30
1811	Fifteen-year trends in criteria air pollutants in oil sands communities of Alberta, Canada. Environment International, 2015, 74, 200-208.	10.0	25
1812	Financial implications of modifications to building filtration systems. Building and Environment, 2015, 85, 17-28.	6.9	27
1813	A field application of a personal sensor for ultrafine particle exposure in children. Science of the Total Environment, 2015, 508, 366-373.	8.0	43
1814	Numerical modeling of particle generation from ozone reactions with human-worn clothing in indoor environments. Atmospheric Environment, 2015, 102, 145-155.	4.1	21
1815	Ash behaviour and emission formation in a small-scale reciprocating-grate combustion reactor operated with wood chips, reed canary grass and barley straw. Fuel, 2015, 143, 80-88.	6.4	44
1816	Demand-Side Instruments to Reduce Road Transportation Externalities in the Greater Cairo Metropolitan Area. International Journal of Sustainable Transportation, 2015, 9, 203-216.	4.1	10
1817	Equivalence testing of filter-based, beta-attenuation, TEOM, and light-scattering devices for measurement of PM10 concentration in animal houses. Journal of Aerosol Science, 2015, 80, 11-26.	3.8	17
1818	Emissions of NO x , particle mass and particle numbers from aircraft main engines, APU's and handling equipment at Copenhagen Airport. Atmospheric Environment, 2015, 100, 218-229.	4.1	53
1819	Underground and ground-level particulate matter concentrations in an Italian metro system. Atmospheric Environment, 2015, 101, 328-337.	4.1	83
1820	Systematic review and meta-analysis of the adverse health effects of ambient PM2.5 and PM10 pollution in the Chinese population. Environmental Research, 2015, 136, 196-204.	7.5	531
1821	A systematic review of the physical health impacts from non-occupational exposure to wildfire smoke. Environmental Research, 2015, 136, 120-132.	7.5	409
1822	New particle formation events arising from painting materials in an indoor microenvironment. Atmospheric Environment, 2015, 102, 86-95.	4.1	8
1823	Performance, Applications, and Health Concerns of Nanomaterials. , 2015, , 791-798.		0
1824	Long-term trend of airborne particulate matter in Seoul, Korea from 2004 to 2013. Atmospheric Environment, 2015, 101, 125-133.	4.1	64
1825	Ultrafine particle emission of waste incinerators and comparison to the exposure of urban citizens. Waste Management, 2015, 37, 75-81.	7.4	42
1826	Characterization of particles from a marine engine operating at low loads. Atmospheric Environment, 2015, 101, 65-71.	4.1	58
1827	Relationships Between Fine Particulate Air Pollution, Cardiometabolic Disorders, and Cardiovascular Mortality. Circulation Research, 2015, 116, 108-115.	4.5	327

#	Article	IF	CITATIONS
1828	Management learning from air purifier tests in hotels: Experiment and action research. International Journal of Hospitality Management, 2015, 44, 70-76.	8.8	14
1829	Highly time- and size-resolved fingerprint analysis and risk assessment of airborne elements in a megacity in the Yangtze River Delta, China. Chemosphere, 2015, 119, 112-121.	8.2	42
1830	Monitoring of volatile and non-volatile urban air genotoxins using bacteria, human cells and plants. Chemosphere, 2015, 120, 221-229.	8.2	25
1831	Associations between three specific a-cellular measures of the oxidative potential of particulate matter and markers of acute airway and nasal inflammation in healthy volunteers. Occupational and Environmental Medicine, 2015, 72, 49-56.	2.8	105
1832	Prevalence of Airflow Obstruction in U.S. Adults Aged 40–79 Years: NHANES Data 1988–1994 and 2007–2010. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2015, 12, 355-365.	1.6	24
1833	Personal exposure to particulate matter and inflammation among patients with periodontal disease. Science of the Total Environment, 2015, 502, 585-589.	8.0	29
1834	Air quality assessment along urban transport corridor in megacity. International Journal of Environmental Technology and Management, 2016, 19, 257.	0.2	1
1835	Multidirectional Translation of Environmental Health Science in Community Settings: The Case of Oxidative Stress Pathways. Progress in Community Health Partnerships: Research, Education, and Action, 2016, 10, 275-284.	0.3	6
1838	Evaluating the influence of laser wavelength and detection stage geometry on optical detection efficiency in a single-particle mass spectrometer. Atmospheric Measurement Techniques, 2016, 9,	3.1	21
	6051-6068.		
1839	Air Pollution Monitoring: A Case Study from Romania. , 2016, , .		6
1839 1840	Air Pollution Monitoring: A Case Study from Romania. , 2016, , . PredicciÃ <sup>3</sup> n y Análisis de la ContribuciÃ <sup>3</sup> n de PM10 desde Pilas de CarbÃ <sup>3</sup> n en una Mina a Cielo Abierto. Informacion Tecnologica (discontinued), 2016, 27, 93-102.	0.3	6
1839 1840 1841	Air Pollution Monitoring: A Case Study from Romania. , 2016, , .         PredicciÃ <sup>3</sup> n y AnÃ <sub>i</sub> lisis de la ContribuciÃ <sup>3</sup> n de PM10 desde Pilas de CarbÃ <sup>3</sup> n en una Mina a Cielo Abierto. Informacion Tecnologica (discontinued), 2016, 27, 93-102.         TNF <b>α</b> and IL-6 Responses to Particulate Matter <i>in Vitro</i> : Variation According to PM Size, Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. Environmental Health Perspectives, 2016, 124, 406-412.	0.3	6 1 88
1839 1840 1841 1842	Air Pollution Monitoring: A Case Study from Romania. , 2016, , .         Predicción y Análisis de la Contribución de PM10 desde Pilas de Carbón en una Mina a Cielo Abierto. Informacion Tecnologica (discontinued), 2016, 27, 93-102.         TNF <b>α</b> and IL-6 Responses to Particulate Matter <i>in Vitro</i> : Variation According to PM Size, Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. Environmental Health Perspectives, 2016, 124, 406-412.         Motor transport related harmful PM2.5 and PM10: from onroad measurements to the modelling of air pollution by neural network approach on street and urban level. Journal of Physics: Conference Series, 2016, 772, 012031.	0.3 6.0 0.4	6 1 88 15
1839 1840 1841 1842 1843	Air Pollution Monitoring: A Case Study from Romania. , 2016, , .         PredicciÃ <sup>3</sup> n y AnÃ <sub>i</sub> lisis de la ContribuciÃ <sup>3</sup> n de PM10 desde Pilas de CarbÃ <sup>3</sup> n en una Mina a Cielo Abierto.         Informacion Tecnologica (discontinued), 2016, 27, 93-102.         TNF <b>l±</b> and IL-6 Responses to Particulate Matter <i>in Vitro</i> : Variation According to PM Size, Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. Environmental Health Perspectives, 2016, 124, 406-412.         Motor transport related harmful PM2.5 and PM10: from onroad measurements to the modelling of air pollution by neural network approach on street and urban level. Journal of Physics: Conference Series, 2016, 772, 012031.         Biomolecular Markers within the Core Axis of Aging and Particulate Air Pollution Exposure in the Elderly: A Cross-Sectional Study. Environmental Health Perspectives, 2016, 124, 943-950.	0.3 6.0 0.4 6.0	6 1 88 15 95
1839 1840 1841 1842 1843	Air Pollution Monitoring: A Case Study from Romania. , 2016, , .         Predicción y Análisis de la Contribución de PM10 desde Pilas de Carbón en una Mina a Cielo Abierto.         Informacion Tecnologica (discontinued), 2016, 27, 93-102.         TNF <b>î±</b> and IL-6 Responses to Particulate Matter <i>in Vitro</i> Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. Environmental Health Perspectives, 2016, 124, 406-412.         Motor transport related harmful PM2.5 and PM10: from onroad measurements to the modelling of air pollution by neural network approach on street and urban level. Journal of Physics: Conference Series, 2016, 772, 012031.         Biomolecular Markers within the Core Axis of Aging and Particulate Air Pollution Exposure in the Elderly: A Cross-Sectional Study. Environmental Health Perspectives, 2016, 124, 943-950.         Evaluation of improved land use and canopy representation in BEISÂv3.61 with biogenic VOC measurements in California. Geoscientific Model Development, 2016, 9, 2191-2207.	0.3 6.0 0.4 6.0 3.6	6 1 88 15 95
1839 1840 1841 1842 1843 1844	Air Pollution Monitoring: A Case Study from Romania. , 2016, , .         PredicciÃ <sup>3</sup> n y AnÃ <sub>i</sub> lisis de la ContribuciÃ <sup>3</sup> n de PM10 desde Pilas de CarbÃ <sup>3</sup> n en una Mina a Cielo Abierto.         Informacion Tecnologica (discontinued), 2016, 27, 93-102.         TNF <b>1± </b> and IL-6 Responses to Particulate Matter <i>in Vitro</i> Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. Environmental Health Perspectives, 2016, 124, 406-412.         Motor transport related harmful PM2.5 and PM10: from onroad measurements to the modelling of air pollution by neural network approach on street and urban level. Journal of Physics: Conference Series, 2016, 772, 012031.         Biomolecular Markers within the Core Axis of Aging and Particulate Air Pollution Exposure in the Elderly: A Cross-Sectional Study. Environmental Health Perspectives, 2016, 124, 943-950.         Evaluation of improved land use and canopy representation in BEISÂv3.61 with biogenic VOC measurements in California. Geoscientific Model Development, 2016, 9, 2191-2207.         Applications and limitations of constrained high-resolution peak fitting on low resolving power mass spectra from the ToF-ACSM. Atmospheric Measurement Techniques, 2016, 9, 3263-3281.	0.3 6.0 0.4 6.0 3.6 3.1	<ul> <li>6</li> <li>1</li> <li>88</li> <li>15</li> <li>95</li> <li>77</li> <li>24</li> </ul>
1839 1840 1841 1842 1843 1844 1845 1846	Air Pollution Monitoring: A Case Study from Romania. , 2016, , .         PredicciÅ <sup>3</sup> n y AnÅjlisis de la ContribuciÅ <sup>3</sup> n de PM10 desde Pilas de CarbÅ <sup>3</sup> n en una Mina a Cielo Abierto.         Informacion Tecnologica (discontinued), 2016, 27, 93-102.         TNF <bb></bb> (b)1±       (b)1±         Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. Environmental Health Perspectives, 2016, 124, 406-412.         Motor transport related harmful PM2.5 and PM10: from onroad measurements to the modelling of air pollution by neural network approach on street and urban level. Journal of Physics: Conference Series, 2016, 772, 012031.         Biomolecular Markers within the Core Axis of Aging and Particulate Air Pollution Exposure in the Elderly: A Cross-Sectional Study. Environmental Health Perspectives, 2016, 124, 943-950.         Evaluation of improved land use and canopy representation in BEISÅv3.61 with biogenic VOC measurements in California. Geoscientific Model Development, 2016, 9, 2191-2207.         Applications and limitations of constrained high-resolution peak fitting on low resolving power mass spectra from the ToF-ACSM. Atmospheric Measurement Techniques, 2016, 9, 3263-3281.         Association between Asian Dust-Borne Air Pollutants and Daily Symptoms on Healthy Subjects: A Web-Based Pilot Study in Yonago, Japan. Journal of Environmental and Public Health, 2016, 2016, 1-6.	0.3 6.0 0.4 6.0 3.6 3.1 0.9	<ul> <li>6</li> <li>1</li> <li>88</li> <li>15</li> <li>95</li> <li>77</li> <li>24</li> <li>12</li> </ul>

#	Article	IF	CITATIONS
1848	Desert Dust Outbreaks in Southern Europe: Contribution to Daily PM <sub>10</sub> Concentrations and Short-Term Associations with Mortality and Hospital Admissions. Environmental Health Perspectives, 2016, 124, 413-419.	6.0	148
1849	The Variations and Trends of MODIS C5 & C6 Products' Errors in the Recent Decade over the Background and Urban Areas of North China. Remote Sensing, 2016, 8, 754.	4.0	21
1850	Characteristics and Relationships between Indoor and Outdoor PM2.5 in Beijing: A Residential Apartment Case Study. Aerosol and Air Quality Research, 2016, 16, 2386-2395.	2.1	33
1851	Effects of Size-Fractionated Particulate Matter on Cellular Oxidant Radical Generation in Human Bronchial Epithelial BEAS-2B Cells. International Journal of Environmental Research and Public Health, 2016, 13, 483.	2.6	31
1852	Origin-Oriented Elemental Profile of Fine Ambient Particulate Matter in Central European Suburban Conditions. International Journal of Environmental Research and Public Health, 2016, 13, 715.	2.6	21
1853	Fuel for Life: Domestic Cooking Fuels and Women's Health in Rural China. International Journal of Environmental Research and Public Health, 2016, 13, 810.	2.6	34
1854	Air pollution and respiratory diseases: ecological time series. Sao Paulo Medical Journal, 2016, 134, 315-321.	0.9	21
1855	Pollution and Performance: Do Investors Make Worse Trades on Hazy Days?. SSRN Electronic Journal, 0, , .	0.4	4
1856	Satellite and Ground Observations of Severe Air Pollution Episodes in the Winter of 2013 in Beijing, China. Aerosol and Air Quality Research, 2016, 16, 977-989.	2.1	19
1857	Sulfur dioxide (SO <sub>2</sub> ) vertical column density measurements by Pandora spectrometer over the Canadian oil sands. Atmospheric Measurement Techniques, 2016, 9, 2961-2976.	3.1	23
1858	GIST-PM-Asia v1: development of a numerical system to improve particulate matter forecasts in South Korea using geostationary satellite-retrieved aerosol optical data over Northeast Asia. Geoscientific Model Development, 2016, 9, 17-39.	3.6	31
1859	A transdisciplinary approach to understanding the health effects of wildfire and prescribed fire smoke regimes. Environmental Research Letters, 2016, 11, 125009.	5.2	84
1860	Challenges associated with the sampling and analysis of organosulfur compounds in air using real-time PTR-ToF-MS and offline GC-FID. Atmospheric Measurement Techniques, 2016, 9, 1325-1340.	3.1	27
1861	Physiological Responses to Acute Airborne Particle Exposure during Maximal Aerobic Power. Aerosol and Air Quality Research, 2016, 16, 1922-1930.	2.1	0
1862	Using a Mobile Measurement to Characterize Number, Surface Area, and Mass Concentrations of Ambient Fine Particles with Spatial Variability during and after a PM Episode. Aerosol and Air Quality Research, 2016, 16, 1416-1426.	2.1	6
1863	The performance and the characterization of laser ablation aerosol particle time-of-flight mass spectrometry (LAAP-ToF-MS). Atmospheric Measurement Techniques, 2016, 9, 1947-1959.	3.1	32
1865	Dispersión de Contaminantes del Aire (PM10, NO2, CO, COV y HAP) emitidos desde una Estación Modular de Compresión, Tratamiento y Medición de Gas Natural. Informacion Tecnologica (discontinued), 2016, 27, 99-110.	0.3	2
1866	Exposure to Traffic-Related Air Pollution in Relation to Progression in Physical Disability among Older Adults. Environmental Health Perspectives, 2016, 124, 1000-1008.	6.0	42

#	Article	IF	CITATIONS
1867	A Clearer Picture of China's Air: Using Satellite Data and Ground Monitoring to Estimate PM 2.5 over Time. Environmental Health Perspectives, 2016, 124, A38.	6.0	6
1868	Prevalence of Freshly Generated Particles during Pollution Episodes in Santiago de Chile. Aerosol and Air Quality Research, 2016, 16, 2172-2185.	2.1	14
1869	Improved MODIS Dark Target aerosol optical depth algorithm over land: angular effect correction. Atmospheric Measurement Techniques, 2016, 9, 5575-5589.	3.1	17
1870	The Effect of Air Pollution on the Occurrence of Nonspecific Conjunctivitis. Journal of Ophthalmology, 2016, 2016, 1-3.	1.3	19
1871	The Evolution of Temporal and Spatial Patterns of Carbon Monoxide Concentrations in the Metropolitan Area of Sao Paulo, Brazil. Advances in Meteorology, 2016, 2016, 1-13.	1.6	5
1872	Investigating the Health Effects of Exposure to Criteria Pollutants Using AirQ2.2.3 in Shiraz, Iran. Aerosol and Air Quality Research, 2016, 16, 1034-1043.	2.1	20
1873	Air pollutants and hospital admission due to pneumonia in children: a time series analysis. Revista Da Associação Médica Brasileira, 2016, 62, 151-156.	0.7	28
1874	Organic and inorganic decomposition products from the thermal desorption of atmospheric particles. Atmospheric Measurement Techniques, 2016, 9, 1569-1586.	3.1	11
1875	Statistical Modeling Approaches for PM10 Prediction in Urban Areas; A Review of 21st-Century Studies. Atmosphere, 2016, 7, 15.	2.3	96
1876	Comparative Analysis of Atmospheric Glyoxal Column Densities Retrieved from MAX-DOAS Observations in Pakistan and during MAD-CAT Field Campaign in Mainz, Germany. Atmosphere, 2016, 7, 68.	2.3	10
1877	Exposure to PM2.5 and Blood Lead Level in Two Populations in Ulaanbaatar, Mongolia. International Journal of Environmental Research and Public Health, 2016, 13, 214.	2.6	14
1878	The Effects of Coarse Particles on Daily Mortality: A Case-Crossover Study in a Subtropical City, Taipei, Taiwan. International Journal of Environmental Research and Public Health, 2016, 13, 347.	2.6	7
1879	Association between Ambient Air Pollution and Emergency Room Visits for Respiratory Diseases in Spring Dust Storm Season in Lanzhou, China. International Journal of Environmental Research and Public Health, 2016, 13, 613.	2.6	45
1880	Ambient Fine Particulate Matter Exposure and Risk of Cardiovascular Mortality: Adjustment of the Meteorological Factors. International Journal of Environmental Research and Public Health, 2016, 13, 1082.	2.6	13
1881	Fine Particulate Matter in Urban Environments: A Trigger of Respiratory Symptoms in Sensitive Children. International Journal of Environmental Research and Public Health, 2016, 13, 1246.	2.6	30
1882	Fabrication, Polarization of Electrospun Polyvinylidene Fluoride Electret Fibers and Effect on Capturing Nanoscale Solid Aerosols. Materials, 2016, 9, 671.	2.9	58
1883	An Overview of Small Unmanned Aerial Vehicles for Air Quality Measurements: Present Applications and Future Prospectives. Sensors, 2016, 16, 1072.	3.8	270
1884	The Effects of Bus Ridership on Airborne Particulate Matter (PM10) Concentrations. Sustainability, 2016, 8, 636.	3.2	4

		CITATION REPO	ORT	
#	Article	I	F	CITATIONS
1885	An Experiment with Air Purifiers in Delhi during Winter 2015-2016. PLoS ONE, 2016, 11, e0167999	·. 2	2.5	20
1886	Inflammatory Cytokines and White Blood Cell Counts Response to Environmental Levels of Diesel Exhaust and Ozone Inhalation Exposures. PLoS ONE, 2016, 11, e0152458.	2	2.5	41
1888	Experimental Study on Ultrafine Particle Removal Performance of Portable Air Cleaners with Different Filters in an Office Room. International Journal of Environmental Research and Public Health, 2016, 13, 102.	2	2.6	17
1889	Performance, Gaseous and Particle Emissions of a Small Compression Ignition Engine Operating in Diesel/Methane Dual Fuel Mode. , 2016, , .			6
1890	Comparative Analysis of Particle Emission with Two Different Injectors in a CAI 2-Stroke Gasoline Engine. , 0, , .			0
1891	Interactions among Climate Change, Air Pollutants, and Aeroallergens. , 2016, , 137-156.			1
1892	Renewable Energy, Emissions, and Health. , 0, , .			7
1893	Black carbon and wavelength-dependent aerosol absorption in the North China Plain based on two-year aethalometer measurements. Atmospheric Environment, 2016, 142, 132-144.	4	4.1	95
1894	Treatment of flue-gas impurities for liquid absorbent-based post-combustion CO2 capture processe 2016, , 519-551.	S.,		3
1895	Analysis of renewable energy sources and electric vehicle penetration into energy systems predominantly based on lignite. European Physical Journal: Special Topics, 2016, 225, 595-608.	2	2.6	5
1896	Plants and Atmospheric Aerosols. Progress in Botany Fortschritte Der Botanik, 2016, , 369-406.	(	0.3	9
1897	Characterization of fine and ultrafine particles in air near a steel making plant: an Italian case. Management of Environmental Quality, 2016, 27, 350-363.		4.3	2
1898	Particulate reactive oxygen species on total suspended particles – measurements in residences ir Austin, Texas. Indoor Air, 2016, 26, 953-963.	۱ ۷	4.3	8
1899	COPD and exercise: does it make a difference?. Breathe, 2016, 12, e38-e49.		L.3	48
1900	Development and evaluation of a daily temporal interpolation model for fine particulate matter species concentrations and source apportionment. Atmospheric Environment, 2016, 140, 529-538	•	4.1	3
1901	The relative importance of tailpipe and non-tailpipe emissions on the oxidative potential of ambient particles in Los Angeles, CA. Faraday Discussions, 2016, 189, 361-380.	đ	3.2	38
1902	Silk nanofibers as high efficient and lightweight air filter. Nano Research, 2016, 9, 2590-2597.	1	10.4	181
1903	Long-term comparative study of columnar and surface mass concentration aerosol properties in a background environment. Atmospheric Environment, 2016, 140, 261-272.		4.1	16

#	Article	IF	CITATIONS
1904	Characterizing the Longâ€Term PM <sub>2.5</sub> Concentrationâ€Response Function: Comparing the Strengths and Weaknesses of Research Synthesis Approaches. Risk Analysis, 2016, 36, 1693-1707.	2.7	17
1905	Peer-reviewed and unbiased research, rather than â€~sound science', should be used to evaluate endocrine-disrupting chemicals. Journal of Epidemiology and Community Health, 2016, 70, 1051-1056.	3.7	29
1906	Pm2.5 and ash residue from combustion of moxa floss. Acupuncture in Medicine, 2016, 34, 101-106.	1.0	9
1907	Particulate Matter in the Air of the Underground Chamber Complex of the Wieliczka Salt Mine Health Resort. Advances in Experimental Medicine and Biology, 2016, 955, 9-18.	1.6	14
1908	Probing the Heterogeneous Ozonolysis of Squalene Nanoparticles by Photoemission. Journal of Physical Chemistry A, 2016, 120, 8645-8656.	2.5	26
1909	Costs and benefits of low-sulphur fuel standard for Baltic Sea shipping. Journal of Environmental Management, 2016, 184, 431-440.	7.8	41
1910	Influences of upwind emission sources and atmospheric processing on aerosol chemistry and properties at a rural location in the Northeastern U.S Journal of Geophysical Research D: Atmospheres, 2016, 121, 6049-6065.	3.3	35
1911	Design and characterization of a linear Hencken-type burner. Review of Scientific Instruments, 2016, 87, 115114.	1.3	10
1912	Recent exposure to ultrafine particles in school children alters miR-222 expression in the extracellular fraction of saliva. Environmental Health, 2016, 15, 80.	4.0	28
1913	Reduction of outdoor particulate matter concentrations by local removal in semi-enclosed parking garages: A preliminary case study for Eindhoven city center. Journal of Wind Engineering and Industrial Aerodynamics, 2016, 159, 80-98.	3.9	63
1914	Standardisation of a European measurement method for the determination of anions and cations in PM2.5: results of field trial campaign and determination of measurement uncertainty. Environmental Sciences: Processes and Impacts, 2016, 18, 1561-1571.	3.5	1
1915	Diesel Exhaust Particles Contribute to Endothelia Apoptosis via Autophagy Pathway. Toxicological Sciences, 2016, 156, kfw237.	3.1	14
1916	Transmission Electron Microscopy and X-ray Photoelectron Spectroscopy Studies of Soot Particles Emitted from a Domestic Cook-stove. Microscopy and Microanalysis, 2016, 22, 2054-2055.	0.4	0
1917	On Estimating Air Pollution from Photos Using Convolutional Neural Network. , 2016, , .		70
1918	Natural Ventilation Level Assessment in a School Building by CO2 Concentration Measures. Energy Procedia, 2016, 101, 257-264. Recentor model based source apportionment of combinath	1.8	45
1919	xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"> < mml:msub> < mml:mrow> < mml:mstyle mathvariant="normal"> < mml:mi> PM < / mml:mi> < / mml:mstyle > < / mml:mrow> < mml:mrow> < mml:mn> 10 < / mml:mr in the metropolitan and industrialized areas of Mangalore. Environmental Technology and	ı>୧/ħml:n	nrow>
1920	Innovation, 2016, 6, 195-203. Early kidney damage induced by subchronic exposure to PM2.5 in rats. Particle and Fibre Toxicology, 2016, 13, 68.	6.2	95
1921	The persistence of pesticides in atmospheric particulate phase: An emerging air quality issue. Scientific Reports, 2016, 6, 33456.	3.3	71

#	Article	IF	CITATIONS
1922	Moss bag (Sphagnum papillosum) magnetic and elemental properties for characterising seasonal and spatial variation in urban pollution. International Journal of Environmental Science and Technology, 2016, 13, 1515-1524.	3.5	21
1923	Economic evaluation of health losses from air pollution in Beijing, China. Environmental Science and Pollution Research, 2016, 23, 11716-11728.	5.3	29
1924	Air pollution and risk of respiratory and cardiovascular hospitalizations in the most populous city in Vietnam. Science of the Total Environment, 2016, 557-558, 322-330.	8.0	149
1925	Assessing PM <sub>2.5</sub> Exposures with High Spatiotemporal Resolution across the Continental United States. Environmental Science & amp; Technology, 2016, 50, 4712-4721.	10.0	360
1926	Increases in ambient particulate matter air pollution, acute changes in platelet function, and effect modification by aspirin and omega-3 fatty acids: A panel study. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 287-298.	2.3	14
1927	Raman spectroscopic identification of size-selected airborne particles for quantitative exposure assessment. Measurement Science and Technology, 2016, 27, 045801.	2.6	7
1928	The pyrohealth transition: how combustion emissions have shaped health through human history. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150173.	4.0	16
1929	The distribution of PM10 and PM2.5 carbonaceous aerosol in Baotou, China. Atmospheric Research, 2016, 178-179, 102-113.	4.1	30
1930	Indoor environment and passengers' comfort in subway stations in Seoul. Building and Environment, 2016, 104, 221-231.	6.9	65
1931	Analysis of combustion phenomena and pollutant formation in a small compression ignition engine fuelled with blended and pure rapeseed methyl ester. Energy, 2016, 106, 618-630.	8.8	13
1932	Human bronchial epithelial cell injuries induced by fine particulate matter from sandstorm and non-sandstorm periods: Association with particle constituents. Journal of Environmental Sciences, 2016, 47, 201-210.	6.1	25
1933	Source apportionment analyses for fine (PM 2.5 ) and coarse (PM 2.5–10 ) mode particulate matter (PM) measured in an urban area in southwestern Nigeria. Atmospheric Pollution Research, 2016, 7, 843-857.	3.8	30
1934	Application of PMF and CMB receptor models for the evaluation of the contribution of a large coal-fired power plant to PM10 concentrations. Science of the Total Environment, 2016, 560-561, 131-140.	8.0	57
1935	Real-Time Cell-Electronic Sensing of Coal Fly Ash Particulate Matter for Toxicity-Based Air Quality Monitoring. Chemical Research in Toxicology, 2016, 29, 972-980.	3.3	6
1936	Assessment of associations between ischaemic attacks in patients with type 2 diabetes mellitus and air concentrations of particulate matter <2.5 μm. Journal of International Medical Research, 2016, 44, 639-655.	1.0	2
1937	An improved core sampling technique for soil magnetic susceptibility determination. Geoderma, 2016, 277, 35-40.	5.1	13
1938	Reactions of Atmospheric Particulate Stabilized Criegee Intermediates Lead to High-Molecular-Weight Aerosol Components. Environmental Science & Technology, 2016, 50, 5702-5710.	10.0	54
1939	Tracking the association between metro-railway construction works and PM levels in an urban Mediterranean environment. Science of the Total Environment, 2016, 568, 1326-1332.	8.0	12

#	Article	IF	CITATIONS
1940	Nitrogen-Containing Low Volatile Compounds from Pinonaldehyde-Dimethylamine Reaction in the Atmosphere: A Laboratory and Field Study. Environmental Science & Technology, 2016, 50, 4693-4700.	10.0	32
1941	Morphological and chemical characterization of soot emitted during flaming combustion stage of native-wood species used for cooking process in western Mexico. Journal of Aerosol Science, 2016, 95, 1-14.	3.8	16
1942	A panel study of the acute effects of personal exposure to household air pollution on ambulatory blood pressure in rural Indian women. Environmental Research, 2016, 147, 331-342.	7.5	54
1943	Short-term Exposure to Ambient Fine Particulate Matter Increases Hospitalizations and Mortality in COPD. Chest, 2016, 149, 447-458.	0.8	222
1944	A structured review of panel studies used to investigate associations between ambient air pollution and heart rate variability. Environmental Research, 2016, 148, 207-247.	7.5	78
1945	Improving the Accuracy of Daily PM <sub>2.5</sub> Distributions Derived from the Fusion of Ground-Level Measurements with Aerosol Optical Depth Observations, a Case Study in North China. Environmental Science & Technology, 2016, 50, 4752-4759.	10.0	118
1946	Predicting exposure-response associations of ambient particulate matter with mortality in 73 Chinese cities. Environmental Pollution, 2016, 208, 40-47.	7.5	8
1947	Lung Function and Polycyclic Aromatic Hydrocarbons in China. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 814-815.	5.6	3
1948	Effects of agriculture crop residue burning on aerosol properties and long-range transport over northern India: A study using satellite data and model simulations. Atmospheric Research, 2016, 178-179, 155-163.	4.1	43
1949	The modifying effect of socioeconomic status on the relationship between traffic, air pollution and respiratory health in elementary schoolchildren. Journal of Environmental Management, 2016, 177, 1-8.	7.8	66
1950	The effects of air mass transport, seasonality, and meteorology on pollutant levels at the Iskrba regional background station (1996–2014). Atmospheric Environment, 2016, 134, 138-146.	4.1	4
1951	Geographic proximity to coal plants and U.S. public support for extending the Production Tax Credit. Energy Policy, 2016, 99, 299-307.	8.8	12
1952	Mapping air pollution by biological monitoring in the metropolitan Tel Aviv area. International Journal of Environmental Health Research, 2016, 26, 346-360.	2.7	8
1953	Azaarenes in fine particulate matter from the atmosphere of a Chinese megacity. Environmental Science and Pollution Research, 2016, 23, 16025-16036.	5.3	18
1954	Quantifying the impact of PM2.5 and associated heavy metals on respiratory health of children near metallurgical facilities. Environmental Science and Pollution Research, 2016, 23, 15395-15406.	5.3	53
1955	Quantification of Gas-Wall Partitioning in Teflon Environmental Chambers Using Rapid Bursts of Low-Volatility Oxidized Species Generated in Situ. Environmental Science & Technology, 2016, 50, 5757-5765.	10.0	178
1956	Reduced-form modeling of public health impacts of inorganic PM 2.5 and precursor emissions. Atmospheric Environment, 2016, 137, 80-89.	4.1	99
1957	Satellite-Based NO <sub>2</sub> and Model Validation in a National Prediction Model Based on Universal Kriging and Land-Use Regression. Environmental Science & Technology, 2016, 50, 3686-3694	10.0	136

#	Article	IF	CITATIONS	
1958	PM2.5 source apportionment in a French urban coastal site under steelworks emission influences using constrained non-negative matrix factorization receptor model. Journal of Environmental Sciences, 2016, 40, 114-128.	6.1	42	
1959	Characterization of particle number and mass size distributions from a small compression ignition engine operating in diesel/methane dual fuel mode. Fuel, 2016, 180, 613-623.	6.4	27	
1960	Cancer Mortality Risks from Long-term Exposure to Ambient Fine Particle. Cancer Epidemiology Biomarkers and Prevention, 2016, 25, 839-845.	2.5	147	
1961	Persistent inversion dynamics and wintertime PM10 air pollution in Alpine valleys. Atmospheric Environment, 2016, 135, 92-108.	4.1	104	
1962	Measuring exposure levels of inhalable airborne particles (PM 2.5 ) in two socially deprived areas of Nairobi, Kenya. Environmental Research, 2016, 148, 500-506.	7.5	43	
1963	Ambient PM <sub>2.5</sub> and Health: Does PM <sub>2.5</sub> Oxidative Potential Play a Role?. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 530-531.	5.6	20	
1964	Association Between Long-term Exposure to Air Pollution and Biomarkers Related to Insulin Resistance, Subclinical Inflammation, and Adipokines. Diabetes, 2016, 65, 3314-3326.	0.6	127	
1965	Experimental Study of the Formation of Organosulfates from α-Pinene Oxidation. Part I: Product Identification, Formation Mechanisms and Effect of Relative Humidity. Journal of Physical Chemistry A, 2016, 120, 7909-7923.	2.5	15	
1966	Air Quality in Metal Industries. Comprehensive Analytical Chemistry, 2016, , 731-764.	1.3	1	
1967	Predictive Model Development for Aviation Black Carbon Mass Emissions from Alternative and Conventional Fuels at Ground and Cruise. Environmental Science & Technology, 2016, 50, 12048-12055.	10.0	22	
1968	Spatiotemporal evolution of urban air quality and socioeconomic driving forces in China. Journal of Chinese Geography, 2016, 26, 1533-1549.	3.9	52	
1969	Children's Environmental Health Indicators in Australia. Annals of Global Health, 2016, 82, 156-168.	2.0	9	
1970	Impact of the 0.1% fuel sulfur content limit in SECA on particle and gaseous emissions from marine vessels. Atmospheric Environment, 2016, 145, 338-345.	4.1	75	
1971	Particle number concentrations near the Rome-Ciampino city airport. Atmospheric Environment, 2016, 147, 264-273.	4.1	19	
1972	Comparison of economic instruments to reduce PM2.5 from industrial and residential sources. Energy Policy, 2016, 98, 443-452.	8.8	16	
1973	Engine maps of fuel use and emissions from transient driving cycles. Applied Energy, 2016, 183, 202-217.	10.1	81	
1974	The Long-Run Economic Consequences of High-Stakes Examinations: Evidence from Transitory Variation in Pollution. American Economic Journal: Applied Economics, 2016, 8, 36-65.	2.9	174	
1975	Flux estimation of fugitive particulate matter emissions from loose Calcisols at construction sites. Atmospheric Environment, 2016, 141, 96-105.	4.1	27	
		CITATION REPORT		
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# 1976	ARTICLE Health implications of atmospheric aerosols from asbestos-bearing road pavements tra in Southern Brazil, Environmental Science and Pollution Research, 2016, 23, 25180-25	ditionally used	IF 5.3	Citations
1977	Particulate matter concentrations in urban metro systems: Case studies and a literature	e review. , 2016,		2
1978	Air Pollution and Its Health Effects in China. , 2016, , 3-46.			0
1979	Dose-dependent intracellular reactive oxygen and nitrogen species (ROS/RNS) product particulate matter exposure: comparison to oxidative potential and chemical composit Atmospheric Environment, 2016, 144, 335-344.	ion from ion.	4.1	62
1980	Ultrafine Particles Pollution and Measurements. Comprehensive Analytical Chemistry, 2	2016, 73, 369-390.	1.3	8
1981	Rapidly evolving ultrafine and fine mode biomass smoke physical properties: Comparing field results. Journal of Geophysical Research D: Atmospheres, 2016, 121, 5750-5768.	g laboratory and	3.3	27
1982	Spatial patterns of air pollutants and social groups: a distributive environmental justice phoenix metropolitan region of USA. Environmental Management, 2016, 58, 753-766.	study in the	2.7	36
1983	Columnar aerosol characteristics and radiative forcing over the Doon Valley in the Shive northwestern Himalayas. Environmental Science and Pollution Research, 2016, 23, 254	alik range of 67-25484.	5.3	25
1984	Real-World Emissions from Modern Heavy-Duty Diesel, Natural Gas, and Hybrid Diesel 1 Operating Along Major California Freight Corridors. Emission Control Science and Tech 2, 156-172.	<sup>·</sup> rucks nology, 2016,	1.5	68
1985	Characterization of Ammonia, Methane, and Nitrous Oxide Emissions from Concentrat Feeding Operations in Northeastern Colorado. Environmental Science & 2007 10885-10893.	ed Animal gy, 2016, 50,	10.0	48
1986	Residential Proximity to Major Roads, Exposure to Fine Particulate Matter, and Coronar Calcium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1679-1685.	y Artery	2.4	32
1987	DNA hypomethylation and its mediation in the effects of fine particulate air pollution o cardiovascular biomarkers: A randomized crossover trial. Environment International, 20	n 16, 94, 614-619.	10.0	77
1988	Ambient aerosol composition by infrared spectroscopy and partial least-squares in the speciation network: Organic carbon with functional group identification. Aerosol Scien Technology, 2016, 50, 1096-1114.	chemical ce and	3.1	20
1989	The Regional Impacts of Cooking and Heating Emissions on Ambient Air Quality and Di China. Environmental Science & Technology, 2016, 50, 9416-9423.	sease Burden in	10.0	66
1990	Ambient PM2.5-bound polycyclic aromatic hydrocarbons (PAHs) in Changhua County, Seasonal variation, source apportionment and cancer risk assessment. Environmental F 218, 372-382.	central Taiwan: Pollution, 2016,	7.5	126
1991	Study of particulate matter and gaseous emissions in gasoline direct injection engine u exhaust gas fuel reforming. Applied Energy, 2016, 180, 245-255.	sing on-board	10.1	56
1992	The fractionation and geochemical characteristics of rare earth elements measured in a size-resolved PM in an integrated iron and steelmaking industry zone. Environmental Se Pollution Research, 2016, 23, 17191-17199.	mbient cience and	5.3	17
1993	Characterization of the 8-stage Rotating Drum Impactor under low concentration conc Journal of Aerosol Science, 2016, 100, 140-154.	itions.	3.8	6

#	Article	IF	CITATIONS
1994	Source apportionment of PM2.5 at multiple Northwest U.S. sites: Assessing regional winter wood smoke impacts from residential wood combustion. Atmospheric Environment, 2016, 142, 210-219.	4.1	39
1995	Quantifying the role of vehicle size, powertrain technology, activity and consumer behaviour on new UK passenger vehicle fleet energy use and emissions under different policy objectives. Applied Energy, 2016, 180, 196-212.	10.1	10
1996	Dental calculus reveals Mesolithic foragers in the Balkans consumed domesticated plant foods. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10298-10303.	7.1	68
1997	Chemical and optical characteristics of atmospheric aerosols in Beijing during the Asia-Pacific Economic Cooperation China 2014. Atmospheric Environment, 2016, 144, 8-16.	4.1	26
1998	Evaluation of MODIS columnar aerosol retrievals using AERONET in semi-arid Nevada and California, U.S.A., during the summer of 2012. Atmospheric Environment, 2016, 144, 345-360.	4.1	27
1999	Filtration modelling in wall-flow particulate filters of low soot penetration thickness. Energy, 2016, 112, 883-898.	8.8	60
2000	"Exposure Trackâ€â€"The Impact of Mobile-Device-Based Mobility Patterns on Quantifying Population Exposure to Air Pollution. Environmental Science & Technology, 2016, 50, 9671-9681.	10.0	119
2001	Real-world automotive particulate matter and PAH emission factors and profile concentrations: Results from an urban tunnel experiment in Naples, Italy. Atmospheric Environment, 2016, 141, 379-387.	4.1	35
2002	Effect of particle water on ozone and secondary organic aerosol formation from benzene-NO2-NaCl irradiations. Atmospheric Environment, 2016, 140, 386-394.	4.1	30
2003	Kawasaki Disease and Exposure to Fine Particulate Air Pollution. Journal of Pediatrics, 2016, 177, 179-183.e1.	1.8	25
2004	The effects of air pollution on asthma hospital admissions in Adelaide, South Australia, 2003–2013: timeâ€series and case–crossover analyses. Clinical and Experimental Allergy, 2016, 46, 1416-1430.	2.9	73
2005	Effects of long-range transported air pollution from vegetation fires on daily mortality and hospital admissions in the Helsinki metropolitan area, Finland. Environmental Research, 2016, 151, 351-358.	7.5	60
2006	Machine learning approach to forecasting urban pollution. , 2016, , .		23
2007	Mortality and emergency hospitalizations associated with atmospheric particulate matter episodes across the UK in spring 2014. Environment International, 2016, 97, 108-116.	10.0	19
2008	Ambient concentrations and insights on organic and elemental carbon dynamics in São Paulo, Brazil. Atmospheric Environment, 2016, 144, 226-233.	4.1	17
2009	The influence of the workplace indoor environmental quality on the incidence of psychological and physical symptoms in intensive care units. Building and Environment, 2016, 109, 12-24.	6.9	26
2010	Study of ground-level ozone and its health risk assessment in residents in Ahvaz City, Iran during 2013. Toxin Reviews, 2016, 35, 201-206.	3.4	38
2011	Effect of the pollution control measures on PM2.5 during the 2015 China Victory Day Parade: Implication from water-soluble ions and sulfur isotope. Environmental Pollution, 2016, 218, 230-241.	7.5	41

#	Article	IF	CITATIONS
2012	Novel glass ceramic foams materials based on polishing porcelain waste using the carbon ash waste as foaming agent. Construction and Building Materials, 2016, 125, 1093-1100.	7.2	48
2013	Measurement and health risk assessment of PM2.5, flame retardants, carbonyls and black carbon in indoor and outdoor air in kindergartens in Hong Kong. Environment International, 2016, 96, 65-74.	10.0	53
2014	Global research on air pollution between 2005 and 2014: a bibliometric study. Collection Building, 2016, 35, 84-92.	0.5	14
2015	VIIRS-based remote sensing estimation of ground-level PM2.5 concentrations in Beijing–Tianjin–Hebei: A spatiotemporal statistical model. Remote Sensing of Environment, 2016, 184, 316-328.	11.0	101
2016	The mortality impacts of fine particles in France. Science of the Total Environment, 2016, 571, 416-425.	8.0	29
2017	Importance of Unimolecular HO <sub>2</sub> Elimination in the Heterogeneous OH Reaction of Highly Oxygenated Tartaric Acid Aerosol. Journal of Physical Chemistry A, 2016, 120, 5887-5896.	2.5	17
2018	Dynamic assessment of exposure to air pollution using mobile phone data. International Journal of Health Geographics, 2016, 15, 14.	2.5	91
2019	Particulate Matter Concentration from Construction Sites: Concrete and Masonry Works. Journal of Environmental Engineering, ASCE, 2016, 142, .	1.4	17
2020	The oxidative potential of PM2.5 exposures from indoor and outdoor sources in rural China. Science of the Total Environment, 2016, 571, 1477-1489.	8.0	58
2021	Sources and Processes Affecting Fine Particulate Matter Pollution over North China: An Adjoint Analysis of the Beijing APEC Period. Environmental Science & Technology, 2016, 50, 8731-8740.	10.0	87
2022	EU effect: Exporting emission standards for vehicles through the global market economy. Journal of Environmental Management, 2016, 183, 959-971.	7.8	51
2023	Using stable isotopes to trace sources and formation processes of sulfate aerosols from Beijing, China. Scientific Reports, 2016, 6, 29958.	3.3	39
2024	Characterization and source apportionment of size-segregated atmospheric particulate matter collected at ground level and from the urban canopy in Tianjin. Environmental Pollution, 2016, 219, 982-992.	7.5	42
2025	Female lung cancer mortality and long-term exposure to particulate matter in Italy. European Journal of Public Health, 2016, 27, ckw203.	0.3	8
2026	Residential Proximity to Traffic-Related Pollution and Atherosclerosis in 4 Vascular Beds Among African-American Adults: Results From the Jackson Heart Study. American Journal of Epidemiology, 2016, 184, 732-743.	3.4	27
2027	Nonpolar Organic Compound Emission Rates for Light-Duty Diesel Engine Soybean and Waste Vegetable Oil Biodiesel Fuel Combustion. Energy & Fuels, 2016, 30, 9783-9792.	5.1	12
2028	Identification of significant precursor gases of secondary organic aerosols from residential wood combustion. Scientific Reports, 2016, 6, 27881.	3.3	141
2029	Chemical exposure-response relationship between air pollutants and reactive oxygen species in the human respiratory tract. Scientific Reports, 2016, 6, 32916.	3.3	228

IF

CITATIONS

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#	ARTICLE	

2030 Urban Environment. , 2016, , 287-362.

2030	Urban Environment. , 2016, , 287-362.		2
2031	"Green―nano-filters: fine nanofibers of natural protein for high efficiency filtration of particulate pollutants and toxic gases. RSC Advances, 2016, 6, 105948-105956.	3.6	70
2032	Organic aerosol source apportionment in London 2013 with ME-2: exploring the solution space with annual and seasonal analysis. Atmospheric Chemistry and Physics, 2016, 16, 15545-15559.	4.9	36
2033	In situ secondary organic aerosol formation from ambient pine forest air using an oxidation flow reactor. Atmospheric Chemistry and Physics, 2016, 16, 2943-2970.	4.9	122
2034	Understanding the recent trend of haze pollution in eastern China: roles of climate change. Atmospheric Chemistry and Physics, 2016, 16, 4205-4211.	4.9	215
2035	Assessing the impact of anthropogenic pollution on isoprene-derived secondary organic aerosol formation in PM <sub>2.5</sub> collected from the Birmingham, Alabama, ground site during the 2013 Southern OxidantÂand Aerosol Study. Atmospheric Chemistry and Physics, 2016, 16, 4897-4914.	4.9	105
2036	Seasonal characterization of submicron aerosol chemical composition and organic aerosol sources in the southeastern United States: Atlanta, Georgia,and Look Rock, Tennessee. Atmospheric Chemistry and Physics, 2016, 16, 5171-5189.	4.9	77
2037	Dicarboxylic acids, oxoacids, benzoic acid, <i>α</i> -dicarbonyls, WSOC, OC, and ions in spring aerosols from Okinawa Island in the western North Pacific Rim: size distributions and formation processes. Atmospheric Chemistry and Physics, 2016, 16, 5263-5282.	4.9	45
2038	Seasonal variability of PM <sub>2.5</sub> composition and sources in the Klang Valley urban-industrial environment. Atmospheric Chemistry and Physics, 2016, 16, 5357-5381.	4.9	102
2039	Vertical and horizontal variability of PM <sub>10</sub> source contributions in Barcelona during SAPUSS. Atmospheric Chemistry and Physics, 2016, 16, 6785-6804.	4.9	10
2040	Urban increments of gaseous and aerosol pollutants and their sources using mobile aerosol mass spectrometry measurements. Atmospheric Chemistry and Physics, 2016, 16, 7117-7134.	4.9	31
2041	Forty years of improvements in European air quality: regional policy-industry interactions with global impacts. Atmospheric Chemistry and Physics, 2016, 16, 3825-3841.	4.9	255
2042	Impacts of aviation fuel sulfur content on climate and human health. Atmospheric Chemistry and Physics, 2016, 16, 10521-10541.	4.9	33
2043	Detection of Saharan dust and biomass burning events using near-real-time intensive aerosol optical properties in the north-western Mediterranean. Atmospheric Chemistry and Physics, 2016, 16, 12567-12586.	4.9	54
2044	Quantification of environmentally persistent free radicals and reactive oxygen species in atmospheric aerosol particles. Atmospheric Chemistry and Physics, 2016, 16, 13105-13119.	4.9	110
2045	Estimating contributions from biomass burning, fossil fuel combustion, and biogenic carbon to carbonaceous aerosols in the Valley of Chamonix: a dual approach based on radiocarbon and levoglucosan. Atmospheric Chemistry and Physics, 2016, 16, 13753-13772.	4.9	35
2046	Aerosol optical properties derived from the DRAGON-NE Asia campaign, and implications for a single-channel algorithm to retrieve aerosol optical depth in spring from Meteorological Imager (MI) on-board the Communication, Ocean, and Meteorological Satellite (COMS). Atmospheric Chemistry and Physics, 2016, 16, 1789-1808.	4.9	29
2047	Influences of emission sources and meteorology on aerosol chemistry in a polluted urban environment: results from DISCOVER-AQ California. Atmospheric Chemistry and Physics, 2016, 16, 5427-5451.	4.9	80

#	Article	IF	CITATIONS
2048	Chemical and physical characterization of traffic particles in four different highway environments in the Helsinki metropolitan area. Atmospheric Chemistry and Physics, 2016, 16, 5497-5512.	4.9	43
2049	Typical synoptic situations and their impacts on the wintertime air pollution in the Guanzhong basin, China. Atmospheric Chemistry and Physics, 2016, 16, 7373-7387.	4.9	82
2050	Time-resolved characterization of primary particle emissions and secondary particle formation from a modern gasoline passenger car. Atmospheric Chemistry and Physics, 2016, 16, 8559-8570.	4.9	76
2051	The impact of residential combustion emissions on atmospheric aerosol, human health, and climate. Atmospheric Chemistry and Physics, 2016, 16, 873-905.	4.9	122
2052	Aerosol source apportionment from 1-year measurements at the CESAR tower in Cabauw, the Netherlands. Atmospheric Chemistry and Physics, 2016, 16, 8831-8847.	4.9	38
2053	Highly time-resolved urban aerosol characteristics during springtime in Yangtze River Delta, China: insights from soot particle aerosol mass spectrometry. Atmospheric Chemistry and Physics, 2016, 16, 9109-9127.	4.9	96
2054	Pulmonary diseases induced by ambient ultrafine and engineered nanoparticles in twenty-first century. National Science Review, 2016, 3, 416-429.	9.5	82
2055	Gene expression network analyses in response to air pollution exposures in the trucking industry. Environmental Health, 2016, 15, 101.	4.0	24
2056	Pediatric emergency department visits and ambient Air pollution in the U.S. State of Georgia: a case-crossover study. Environmental Health, 2016, 15, 115.	4.0	66
2057	Investigation on the ambient air quality in a hospital environment. Cogent Environmental Science, 2016, 2, 1215281.	1.6	13
2058	STROBE-Long-Term Exposure to Ambient Fine Particulate Air Pollution and Hospitalization Due to Peptic Ulcers. Medicine (United States), 2016, 95, e3543.	1.0	16
2059	Improving awareness of health hazards associated with air pollution in primary school children: Design and test of didactic tools. Applied Environmental Education and Communication, 2016, 15, 247-260.	1.1	8
2060	Quantification of online removal of refractory black carbon using laser-induced incandescence in the single particle soot photometer. Aerosol Science and Technology, 2016, 50, 679-692.	3.1	6
2061	Reactions of Methanesulfonic Acid with Amines and Ammonia as a Source of New Particles in Air. Journal of Physical Chemistry B, 2016, 120, 1526-1536.	2.6	115
2062	Modeling the impact of residential HVAC filtration on indoor particles of outdoor origin (RP-1691). Science and Technology for the Built Environment, 2016, 22, 431-462.	1.7	22
2063	The elemental composition and origin of fine ambient particles in the largest Polish conurbation: first results from the short-term winter campaign. Theoretical and Applied Climatology, 2016, 125, 79-92.	2.8	37
2064	Multi-pollutant surface objective analyses and mapping of air quality health index over North America. Air Quality, Atmosphere and Health, 2016, 9, 743-759.	3.3	45
2065	Impact of household solid fuel use on blood pressure and hypertension among adults in China. Air Quality, Atmosphere and Health, 2016, 9, 931-940.	3.3	18

#	Article	IF	CITATIONS
2066	Estimating adult mortality attributable to PM2.5 exposure in China with assimilated PM2.5 concentrations based on a ground monitoring network. Science of the Total Environment, 2016, 568, 1253-1262.	8.0	251
2067	Analysis and prediction of \$\$mathrm{PM}_{10}\$\$ PM 10 concentration levels in Tunisia using statistical learning approaches. Environmental and Ecological Statistics, 2016, 23, 469-490.	3.5	4
2068	lsoprene-Derived Secondary Organic Aerosol Induces the Expression of Oxidative Stress Response Genes in Human Lung Cells. Environmental Science and Technology Letters, 2016, 3, 250-254.	8.7	60
2069	Prevention and Control of Cardiovascular Disease in the Rapidly Changing Economy of China. Circulation, 2016, 133, 2545-2560.	1.6	105
2070	Analysis of PM2.5 distribution and transfer characteristics in a car cabin. Energy and Buildings, 2016, 127, 252-258.	6.7	18
2071	Assessing concentrations and health impacts of air quality management strategies: Framework for Rapid Emissions Scenario and Health impact ESTimation (FRESH-EST). Environment International, 2016, 94, 473-481.	10.0	10
2073	Lung bioaccessibility of contaminants in particulate matter of geological origin. Environmental Science and Pollution Research, 2016, 23, 24422-24434.	5.3	53
2074	A clustering approach based on triangular diagram to study the seasonal variability of simultaneous measurements of PM10, PM2.5 and PM1 mass concentration ratios. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	13
2075	Respiratory health concerns in children at some strategic locations from high PM levels during crop residue burning episodes. Atmospheric Environment, 2016, 137, 127-134.	4.1	30
2076	Characteristics of water-soluble inorganic species in PM10 and PM2.5 at two coastal sites during spring in Korea. Atmospheric Pollution Research, 2016, 7, 370-383.	3.8	23
2077	Correlating respiratory disease incidences with corresponding trends in ambient particulate matter and relative humidity. Atmospheric Pollution Research, 2016, 7, 858-864.	3.8	9
2078	Resolving detailed molecular structures in complex organic mixtures and modeling their secondary organic aerosol formation. Atmospheric Environment, 2016, 128, 276-285.	4.1	9
2079	Turbulent transport of particle-bound PAHs: A feasibility study combining GC-APLI-MS and eddy covariance. Atmospheric Pollution Research, 2016, 7, 603-610.	3.8	1
2080	Atmospheric particulate matter (PM10) exposure-induced cell cycle arrest and apoptosis evasion through STAT3 activation via PKCl¶ and Src kinases in lung cells. Environmental Pollution, 2016, 214, 646-656.	7.5	39
2081	Dynamic assessment of inhaled air pollution using GPS and accelerometer data. Journal of Transport and Health, 2016, 3, 114-123.	2.2	20
2082	Characteristics of particulate matter (PM) concentrations influenced by piston wind and train door opening in the Shanghai subway system. Transportation Research, Part D: Transport and Environment, 2016, 47, 77-88.	6.8	58
2083	Impact of Aftertreatment Technologies on the In-Use Gaseous and Particulate Matter Emissions from a Tugboat. Energy & Fuels, 2016, 30, 684-689.	5.1	13
2084	Factors, origin and sources affecting PM 1 concentrations and composition at an urban background site. Atmospheric Research, 2016, 180, 262-273.	4.1	62

#	Article	IF	CITATIONS
2085	Observations of ambient trace gas and PM 10 concentrations at Patna, Central Ganga Basin during 2013–2014: The influence of meteorological variables on atmospheric pollutants. Atmospheric Research, 2016, 180, 138-149.	4.1	38
2086	Ultrasensitive detection of inhaled organic aerosol particles by accelerator mass spectrometry. Chemosphere, 2016, 159, 80-88.	8.2	8
2087	Individual exposure of graduate students to PM2.5 and black carbon in Shanghai, China. Environmental Science and Pollution Research, 2016, 23, 12120-12127.	5.3	39
2088	Spatio-temporal variation in chemical characteristics of PM10 over Indo Gangetic Plain of India. Environmental Science and Pollution Research, 2016, 23, 18809-18822.	5.3	51
2089	A crossâ€sectional survey of occupational history as a wildland firefighter and health. American Journal of Industrial Medicine, 2016, 59, 330-335.	2.1	27
2090	On-board measurements of particle emissions from marine engines using fuels with different sulphur content. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2016, 230, 45-54.	0.5	15
2091	A spectrometer for measuring particle size distributions in the range of 3 nm to 10 11/4 m. Frontiers of Environmental Science and Engineering, 2016, 10, 63-72.	6.0	56
2092	Proâ€inflammatory response and oxidative stress induced by specific components in ambient particulate matter in human bronchial epithelial cells. Environmental Toxicology, 2016, 31, 923-936.	4.0	94
2093	Impact of intense field burning episode on aerosol mass loading and its possible health implications in rural area of eastern central India. Air Quality, Atmosphere and Health, 2016, 9, 241-249.	3.3	17
2094	Personal exposure to ultrafine particles: Two-level statistical modeling of background exposure and time-activity patterns during three seasons. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 17-25.	3.9	24
2095	Depositional characteristics of 7Be and 210Pb in Kuwaiti dust. Journal of Radioanalytical and Nuclear Chemistry, 2016, 307, 15-23.	1.5	34
2096	Respiratory Health Effects of Ultrafine Particles in Children: a Literature Review. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	89
2097	Megacities, air quality and climate. Atmospheric Environment, 2016, 126, 235-249.	4.1	273
2098	Roll-to-Roll Transfer of Electrospun Nanofiber Film for High-Efficiency Transparent Air Filter. Nano Letters, 2016, 16, 1270-1275.	9.1	289
2099	Chemical speciation of aerosols and air quality degradation during the festival of lights (Diwali). Atmospheric Pollution Research, 2016, 7, 92-99.	3.8	33
2100	Design and characterization of human exposure to generated sulfate and soot particles in a pilot chamber study. Journal of the Air and Waste Management Association, 2016, 66, 366-376.	1.9	8
2101	Experimental study of a tubular-type ESP for small-scale biomass boilers. Preliminary results in a diesel engine. Powder Technology, 2016, 288, 164-175.	4.2	19
2102	Air Pollution-Induced Vascular Dysfunction: Potential Role of Endothelin-1 (ET-1) System. Cardiovascular Toxicology, 2016, 16, 260-275.	2.7	47

#	Article	IF	CITATIONS
2103	Study on the association between air pollution and mortality in İstanbul, 2007–2012. Atmospheric Pollution Research, 2016, 7, 147-154.	3.8	57
2104	An experimental investigation of the PM adhesion characteristics in a fluidized bed type PM removal device. Powder Technology, 2016, 289, 31-36.	4.2	15
2105	Effects of design parameters and puff topography on heating coil temperature and mainstream aerosols in electronic cigarettes. Atmospheric Environment, 2016, 134, 61-69.	4.1	65
2106	Beyond PM2.5: The role of ultrafine particles on adverse health effects of air pollution. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2844-2855.	2.4	257
2107	Fine Iron Aerosols Are Internally Mixed with Nitrate in the Urban European Atmosphere. Environmental Science & Technology, 2016, 50, 4212-4220.	10.0	22
2108	Risk of Cerebrovascular Events in Pneumoconiosis Patients. Medicine (United States), 2016, 95, e2944.	1.0	11
2109	Trends and sources vs air mass origins in a major city in South-western Europe: Implications for air quality management. Science of the Total Environment, 2016, 553, 305-315.	8.0	11
2110	Lifestyle risk factors for cardiovascular disease and diabetic risk in a sedentary occupational group: the Galway taxi driver study. Irish Journal of Medical Science, 2016, 185, 403-412.	1.5	12
2111	Near roadway air pollution across a spatially extensive road and cycling network. Environmental Pollution, 2016, 212, 498-507.	7.5	39
2112	Spatial-temporal characteristics and determinants of PM2.5 in the Bohai Rim Urban Agglomeration. Chemosphere, 2016, 148, 148-162.	8.2	170
2113	PM <sub>2.5</sub> Population Exposure in New Delhi Using a Probabilistic Simulation Framework. Environmental Science & Technology, 2016, 50, 3174-3183.	10.0	20
2114	Size distribution characteristics of carbonaceous aerosol in Xishuangbanna, southwest China: a sign for biomass burning in Asia. Environmental Monitoring and Assessment, 2016, 188, 148.	2.7	4
2115	Estimating ozone and secondary PM 2.5 impacts from hypothetical singleÂsourceÂemissions in the central and eastern United States. Atmospheric Pollution Research, 2016, 7, 122-133.	3.8	11
2116	Air Pollution in India: Bridging the Gap between Science and Policy. Journal of Hazardous, Toxic, and Radioactive Waste, 2016, 20, .	2.0	45
2117	Spatio-temporal variation and impact factors analysis of satellite-based aerosol optical depth over China from 2002 to 2015. Atmospheric Environment, 2016, 129, 79-90.	4.1	118
2118	Impact of the New South Wales fires during October 2013 on regional air quality in eastern Australia. Atmospheric Environment, 2016, 131, 150-163.	4.1	35
2119	Fine particulate air pollution and hospitalization for pneumonia: a case-crossover study in Shijiazhuang, China. Air Quality, Atmosphere and Health, 2016, 9, 723-733.	3.3	35
2120	Air Pollution, Subclinical Inflammation and the Risk of Type 2 Diabetes. , 2016, , 243-271.		3

#	Article	IF	CITATIONS
2121	Air pollution, health and social deprivation: A fine-scale risk assessment. Environmental Research, 2016, 147, 59-70.	7.5	71
2122	High-resolution satellite-based analysis of ground-level PM 2.5 for the city of Montreal. Science of the Total Environment, 2016, 541, 1059-1069.	8.0	10
2123	Chemical composition of PM10 and its inÂvitro toxicological impacts on lung cells during the Middle Eastern Dust (MED) storms in Ahvaz, Iran. Environmental Pollution, 2016, 211, 316-324.	7.5	106
2124	Characterization of PM 2.5 in Guangzhou, China: uses of organic markers for supporting source apportionment. Science of the Total Environment, 2016, 550, 961-971.	8.0	89
2125	Air quality mapping using GIS and economic evaluation of health impact for Mumbai City, India. Journal of the Air and Waste Management Association, 2016, 66, 470-481.	1.9	66
2126	Human bronchial epithelial cells exposed in vitro to diesel exhaust particles exhibit alterations in cell rheology and cytotoxicity associated with decrease in antioxidant defenses and imbalance in pro- and anti-apoptotic gene expression. Environmental Science and Pollution Research, 2016, 23, 9862-9870.	5.3	21
2127	Global topics and novel approaches in the study of air pollution, climate change and forest ecosystems. Environmental Pollution, 2016, 213, 977-987.	7.5	88
2128	Cognitive disorders in children associated with urban vehicular emissions. Environmental Pollution, 2016, 208, 74-78.	7.5	32
2129	Health impact assessment of transport policies in Rotterdam: Decrease of total traffic and increase of electric car use. Environmental Research, 2016, 146, 350-358.	7.5	42
2130	miRNA expression profiles and retinal blood vessel calibers are associated with short-term particulate matter air pollution exposure. Environmental Research, 2016, 147, 24-31.	7.5	32
2131	Residents' behaviour as a function of cognitive appraisals and affective responses toward a petrochemical industrial complex. Journal of Cleaner Production, 2016, 112, 1645-1657.	9.3	13
2132	Effect through inhalation on human health of PM 1 bound polycyclic aromatic hydrocarbons collected from foggy days in northern part of India. Journal of Hazardous Materials, 2016, 306, 257-268.	12.4	63
2133	Speciation and source identification of organic compounds in PM10 over Seoul, South Korea. Chemosphere, 2016, 144, 1589-1596.	8.2	40
2134	A simple, comprehensive, and miniaturized solvent extraction method for determination of particulate-phase polycyclic aromatic compounds in air. Journal of Chromatography A, 2016, 1435, 6-17.	3.7	62
2135	Numerical study of electrostatic precipitators with novel particle-trapping mechanism. Journal of Aerosol Science, 2016, 95, 95-103.	3.8	24
2136	Size-segregated urban particulate matter: mass closure, chemical composition, and primary and secondary matter content. Air Quality, Atmosphere and Health, 2016, 9, 533-550.	3.3	68
2137	Fibrosis biomarkers in workers exposed to MWCNTs. Toxicology and Applied Pharmacology, 2016, 299, 125-131.	2.8	127
2138	Laboratory testing of airborne brake wear particle emissions using a dynamometer system under urban city driving cycles. Atmospheric Environment, 2016, 131, 269-278.	4.1	151

#	Article	lF	CITATIONS
2139	Numerical and experimental study of virtual impactor design and aerosol separation. Journal of Aerosol Science, 2016, 94, 43-55.	3.8	11
2140	Short-term fluctuations in personal black carbon exposure are associated with rapid changes in carotid arterial stiffening. Environment International, 2016, 88, 228-234.	10.0	33
2141	Effect of diesel exhaust inhalation on blood markers of inflammation and neurotoxicity: a controlled, blinded crossover study. Inhalation Toxicology, 2016, 28, 145-153.	1.6	39
2142	Real-time mass sensing and dynamic impact monitoring of printed pico-liter droplets realized by a thermal-piezoresistive self-sustained oscillator. , 2016, , .		12
2143	Spatiotemporal patterns of particulate matter (PM) and associations between PM and mortality in Shenzhen, China. BMC Public Health, 2016, 16, 215.	2.9	26
2144	Role of Tibetan Women in Carbon Balance in the Alpine Grasslands of the Tibetan Plateau. A Review <sup></sup> . Nomadic Peoples, 2016, 20, 108-122.	0.4	7
2145	Modeled deposition of fine particles in human airway in Beijing, China. Atmospheric Environment, 2016, 124, 387-395.	4.1	30
2146	Method for Fusing Observational Data and Chemical Transport Model Simulations To Estimate Spatiotemporally Resolved Ambient Air Pollution. Environmental Science & Technology, 2016, 50, 3695-3705.	10.0	86
2147	Airborne particulate matter classification and concentration detection based on 3D printed virtual impactor and quartz crystal microbalance sensor. Sensors and Actuators A: Physical, 2016, 238, 379-388.	4.1	44
2148	Attenuation of road dust emissions caused by industrial vehicle traffic. Atmospheric Environment, 2016, 127, 46-54.	4.1	13
2149	The associations between birth weight and exposure to fine particulate matter (PM2.5) and its chemical constituents during pregnancy: A meta-analysis. Environmental Pollution, 2016, 211, 38-47.	7.5	179
2150	Evaluation and mapping of PM2.5 atmospheric aerosols in Arasia region using PIXE and gravimetric measurements. Nuclear Instruments & Methods in Physics Research B, 2016, 371, 381-386.	1.4	12
2151	Short-term effects of fine particulate air pollution on cardiovascular hospital emergency room visits: a time-series study in Beijing, China. International Archives of Occupational and Environmental Health, 2016, 89, 641-657.	2.3	60
2152	Evaluation of atmospheric inputs as possible sources of antimony in pregnant women from urban areas. Science of the Total Environment, 2016, 544, 391-399.	8.0	27
2153	Chemical composition and source apportionment of ambient PM2.5 during the non-heating period in Taian, China. Atmospheric Research, 2016, 170, 23-33.	4.1	132
2154	Fine particle sorting and classification in the cyclonic centrifugal field. Separation and Purification Technology, 2016, 158, 357-366.	7.9	38
2155	Fine and ultrafine particulate organic carbon in the Los Angeles basin: Trends in sources and composition. Science of the Total Environment, 2016, 541, 1083-1096.	8.0	59
2156	Collocated comparisons of continuous and filter-based PM <sub>2.5</sub> measurements at Fort McMurray, Alberta, Canada. Journal of the Air and Waste Management Association, 2016, 66, 329-339.	1.9	16

#	Article	IF	CITATIONS
2157	Single and combined effects of air pollutants on circulatory and respiratory system-related mortality in Belgrade, Serbia. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 17-27.	2.3	29
2158	Respiratory Filter Reduces the Cardiovascular Effects Associated WithÂDiesel Exhaust Exposure. JACC: Heart Failure, 2016, 4, 55-64.	4.1	30
2159	Ultrafine-Particle Emission Factors as a Function of Vehicle Mode of Operation for LDVs Based on Near-Roadway Monitoring. Environmental Science & amp; Technology, 2016, 50, 782-789.	10.0	8
2160	Physical and Chemical Characterization of Real-World Particle Number and Mass Emissions from City Buses in Finland. Environmental Science & Technology, 2016, 50, 294-304.	10.0	41
2161	Measuring number, mass, and size of exhaust particles with diffusion chargers: The dual Pegasor Particle Sensor. Journal of Aerosol Science, 2016, 92, 1-15.	3.8	27
2162	Seasonal variation and secondary formation of size-segregated aerosol water-soluble inorganic ions during pollution episodes in Beijing. Atmospheric Research, 2016, 168, 70-79.	4.1	139
2163	Comparison of physicochemical properties between fine (PM2.5) and coarse airborne particles at cold season in Korea. Science of the Total Environment, 2016, 541, 1132-1138.	8.0	19
2164	Aerosol chemical characterization and role of carbonaceous aerosol on radiative effect over Varanasi in central Indo-Gangetic Plain. Atmospheric Environment, 2016, 125, 437-449.	4.1	59
2165	Machine learning in geosciences and remote sensing. Geoscience Frontiers, 2016, 7, 3-10.	8.4	716
2166	Winter circulation weather types and hospital admissions for respiratory diseases in Galicia, Spain. International Journal of Biometeorology, 2016, 60, 507-520.	3.0	16
2167	Spatiotemporal characteristics and health effects of air pollutants in Shenzhen. Atmospheric Pollution Research, 2016, 7, 58-65.	3.8	10
2168	Chemical characterization and source apportionment of aerosol at an urban area of Central Delhi, India. Atmospheric Pollution Research, 2016, 7, 110-121.	3.8	62
2169	Particulate matter concentrations originating from industrial and urban sources: Validation of atmospheric dispersion modeling results. Atmospheric Pollution Research, 2016, 7, 180-189.	3.8	26
2170	Health effects of air pollution: An empirical analysis for developing countries. Atmospheric Pollution Research, 2016, 7, 201-206.	3.8	51
2171	Ozone and secondary organic aerosol formation from Ethylene-NO x -NaCl irradiations under different relative humidity conditions. Journal of Atmospheric Chemistry, 2016, 73, 81-100.	3.2	24
2172	Associations of acute exposure to fine and coarse particulate matter and mortality among older people in Tokyo, Japan. Science of the Total Environment, 2016, 542, 354-359.	8.0	43
2173	Health and climate benefits of different energy-efficiency and renewable energy choices. Nature Climate Change, 2016, 6, 100-105.	18.8	161
2174	Implementing constrained multi-time approach with bootstrap analysis in ME-2: An application to PM2.5 data from Florence (Italy). Science of the Total Environment, 2016, 541, 502-511.	8.0	21

#	Article	IF	Citations
2175	Fine particulate matter ( <scp>PM</scp> <sub>2.5</sub> ) exposure during a prolonged wildfire period and emergency department visits for asthma. Respirology, 2016, 21, 88-94.	2.3	75
2176	Inorganic markers, carbonaceous components and stable carbon isotope from biomass burning aerosols in Northeast China. Science of the Total Environment, 2016, 572, 1244-1251.	8.0	71
2177	Health effects of the 2012 Valencia (Spain) wildfires on children in a cohort study. Environmental Geochemistry and Health, 2016, 38, 703-712.	3.4	19
2178	Photocatalytic hydrophobic concrete coatings to combat air pollution. Catalysis Today, 2016, 259, 228-236.	4.4	75
2179	Short-term population-based non-linear concentration–response associations between fine particulate matter and respiratory diseases in Taipei (Taiwan): a spatiotemporal analysis. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 197-206.	3.9	24
2180	Dental calculus reveals potential respiratory irritants and ingestion of essential plant-based nutrients at Lower Palaeolithic Qesem Cave Israel. Quaternary International, 2016, 398, 129-135.	1.5	74
2181	The influential factors of urban PM2.5 concentrations in China: aÂspatial econometric analysis. Journal of Cleaner Production, 2016, 112, 1443-1453.	9.3	444
2182	Effect of ambient humidity on the light absorption amplification of black carbon in Beijing during January 2013. Atmospheric Environment, 2016, 124, 217-223.	4.1	62
2183	Causation by Diesel Exhaust Particles of Endothelial Dysfunctions in Cytotoxicity, Pro-inflammation, Permeability, and Apoptosis Induced by ROS Generation. Cardiovascular Toxicology, 2017, 17, 384-392.	2.7	54
2184	Burden of disease attributable to ambient fine particulate matter exposure in Taiwan. Journal of the Formosan Medical Association, 2017, 116, 32-40.	1.7	68
2185	Technological and environmental performance of temperature-reduced mastic asphalt mixtures. Road Materials and Pavement Design, 2017, 18, 22-37.	4.0	13
2186	Scenario-based analysis of traffic-related PM2.5 concentration: Lisbon case study. Environmental Science and Pollution Research, 2017, 24, 12026-12037.	5.3	9
2187	Indoor air particulate matter exposure of commuter bus passengers in Istanbul, Turkey. Indoor and Built Environment, 2017, 26, 337-346.	2.8	7
2188	Soot measurements by two angle scattering and extinction in an N2-diluted ethylene/air counterflow diffusion flame from 2 to 5 atm. Proceedings of the Combustion Institute, 2017, 36, 861-869.	3.9	40
2189	Environmentally Persistent Free Radicals Cause Apoptosis in HL-1 Cardiomyocytes. Cardiovascular Toxicology, 2017, 17, 140-149.	2.7	22
2190	Emissions inventory and scenario analyses of air pollutants in Guangdong Province, China. Frontiers of Earth Science, 2017, 11, 46-62.	2.1	6
2191	Forecasting smog-related health hazard based on social media and physical sensor. Information Systems, 2017, 64, 281-291.	3.6	49
2192	Is daily exposure to ozone associated with respiratory morbidity and lung function in a representative sample of schoolchildren? Results from a panel study in Greece. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 346-351.	3.9	20

#	Article	IF	CITATIONS
2193	A Novel Principal Component Analysis for Spatially Misaligned Multivariate Air Pollution Data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2017, 66, 3-28.	1.0	7
2194	Ambient fine particles (PM <sub>2.5</sub> ) attenuate collagenâ€induced platelet activation through interference of the PLCγ2/Akt/GSK3β signaling pathway. Environmental Toxicology, 2017, 32, 530-540.	4.0	6
2195	Using portable particle sizing instrumentation to rapidly measure the penetration of fine and ultrafine particles in unoccupied residences. Indoor Air, 2017, 27, 218-229.	4.3	21
2196	Recycling PM2.5 carbon nanoparticles generated by diesel vehicles for supercapacitors and oxygen reduction reaction. Nano Energy, 2017, 33, 229-237.	16.0	55
2197	Quantifying public health benefits of environmental strategy of PM2.5 air quality management in Beijing–Tianjin–Hebei region, China. Journal of Environmental Sciences, 2017, 57, 33-40.	6.1	33
2198	Fine airborne particles: when alarming levels are the standard. Public Health, 2017, 143, 8-13.	2.9	5
2199	Air quality in the Olona Valley and in vitro human health effects. Science of the Total Environment, 2017, 579, 1929-1939.	8.0	13
2200	Natural Gas Engine Emission Reduction by Catalysts. Emission Control Science and Technology, 2017, 3, 142-152.	1.5	22
2201	Distinct synoptic patterns and air masses responsible for long-range desert dust transport and sea spray in Palermo, Italy. Theoretical and Applied Climatology, 2017, 130, 1123-1132.	2.8	3
2202	Spatial and temporal patterns of nitrogen isotopic composition of ammonia at U.S. ammonia monia monitoring network sites. Atmospheric Environment, 2017, 150, 434-442.	4.1	52
2203	Epidemic transition of environmental health risk during China's urbanization. Science Bulletin, 2017, 62, 92-98.	9.0	31
2204	Novel anti-fouling polyethersulfone/polyamide 66 membrane preparation for air filtration by electrospinning. Materials Letters, 2017, 192, 12-16.	2.6	27
2205	Characteristics and environmental significance of rare earth elements in PM 2.5 of Nanchang, China. Journal of Rare Earths, 2017, 35, 98-106.	4.8	32
2206	Inlet Particle-Sorting Cyclone for the Enhancement of PM <sub>2.5</sub> Separation. Environmental Science & Technology, 2017, 51, 1587-1594.	10.0	57
2207	Resuspension of biological particles from indoor surfaces: Effects of humidity and air swirl. Science of the Total Environment, 2017, 583, 241-247.	8.0	49
2208	Investigation and modeling of the residential infiltration of fine particulate matter in Beijing, China. Journal of the Air and Waste Management Association, 2017, 67, 694-701.	1.9	18
2209	Associations between ambient fine particulate air pollution and hypertension: A nationwide cross-sectional study in China. Science of the Total Environment, 2017, 584-585, 869-874.	8.0	104
2210	The short-term effects of air pollutants on respiratory disease mortality in Wuhan, China: comparison of time-series and case-crossover analyses. Scientific Reports, 2017, 7, 40482.	3.3	46

#	Article	IF	CITATIONS
2211	MODIS 3Âkm and 10Âkm aerosol optical depth for China: Evaluation and comparison. Atmospheric Environment, 2017, 153, 150-162.	4.1	64
2212	Characterization and source apportionment of PM2.5 based on error estimation from EPA PMF 5.0 model at a medium city in China. Environmental Pollution, 2017, 222, 10-22.	7.5	165
2213	ARIMA analysis of the effect of land surface coverage on PM 10 concentrations in a high-altitude megacity. Atmospheric Pollution Research, 2017, 8, 660-668.	3.8	50
2214	The Role of Oxalic Acid in New Particle Formation from Methanesulfonic Acid, Methylamine, and Water. Environmental Science & Technology, 2017, 51, 2124-2130.	10.0	53
2215	Kinetics, mechanisms and ionic liquids in the uptake of n-butylamine onto low molecular weight dicarboxylic acids. Physical Chemistry Chemical Physics, 2017, 19, 4827-4839.	2.8	12
2216	Healthy Cities of Tomorrow: the Case for Large Scale Built Environment–Health Studies. Journal of Urban Health, 2017, 94, 4-19.	3.6	39
2217	Wintertime waterâ€soluble aerosol composition and particle water content in Fresno, California. Journal of Geophysical Research D: Atmospheres, 2017, 122, 3155-3170.	3.3	39
2218	Characterizing spatiotemporal patterns of air pollution in China: A multiscale landscape approach. Ecological Indicators, 2017, 76, 344-356.	6.3	59
2219	Emission factors of particulate matter, polycyclic aromatic hydrocarbons, and levoglucosan from wood combustion in south-central Chile. Journal of the Air and Waste Management Association, 2017, 67, 806-813.	1.9	20
2220	Collecting Particulate Matter and Particle-Bound Polycyclic Aromatic Hydrocarbons Using a Cylindrical Thermal Precipitator. Journal of Environmental Engineering, ASCE, 2017, 143, 04017013.	1.4	1
2221	Short-term effects of particle size fractions on circulating biomarkers of inflammation in a panel of elderly subjects and healthy young adults. Environmental Pollution, 2017, 223, 695-704.	7.5	89
2222	Effectiveness and cost of reducing particleâ€related mortality with particle filtration. Indoor Air, 2017, 27, 909-920.	4.3	53
2223	Genetic variants, PM2.5 exposure level and global DNA methylation level: A multi-center population-based study in Chinese. Toxicology Letters, 2017, 269, 77-82.	0.8	10
2224	Source apportionment of ambient PM 10 and PM 2.5 in Haikou, China. Atmospheric Research, 2017, 190, 1-9.	4.1	26
2225	Mass spectrometry profiling of oxylipins, endocannabinoids, and N-acylethanolamines in human lung lavage fluids reveals responsiveness of prostaglandin E2 and associated lipid metabolites to biodiesel exhaust exposure. Analytical and Bioanalytical Chemistry, 2017, 409, 2967-2980.	3.7	35
2226	An evaluation of the health benefits achieved at the time of an air quality intervention in three Israeli cities. Environment International, 2017, 102, 66-73.	10.0	12
2227	Airborne particulate matter in vitro exposure induces cytoskeleton remodeling through activation of the ROCK-MYPT1-MLC pathway in A549 epithelial lung cells. Toxicology Letters, 2017, 272, 29-37.	0.8	31
2228	Development of land-use regression models for exposure assessment to ultrafine particles in Rome, Italy. Atmospheric Environment, 2017, 156, 52-60.	4.1	39

#	Article	IF	Citations
2229	Land-use regression with long-term satellite-based greenness index and culture-specific sources to model PM2.5 spatial-temporal variability. Environmental Pollution, 2017, 224, 148-157.	7.5	91
2230	Chitosan nanostructures by in situ electrospinning for high-efficiency PM2.5 capture. Nanoscale, 2017, 9, 4154-4161.	5.6	70
2231	A miniaturized aerosol sensor implemented by a silicon-based MEMS thermal-piezoresistive oscillator. , 2017, , .		5
2232	A review of emissions and concentrations of particulate matter in the three major metropolitan areas of Brazil. Journal of Transport and Health, 2017, 4, 53-72.	2.2	50
2233	Beyond food: The multiple pathways for inclusion of materials into ancient dental calculus. American Journal of Physical Anthropology, 2017, 162, 71-83.	2.1	108
2234	Effect of particulate air pollution on coronary heart disease in China: Evidence from threshold GAM and Bayesian hierarchical model. Physics and Chemistry of the Earth, 2017, 101, 35-42.	2.9	5
2235	Airborne endotoxin concentrations in indoor and outdoor particulate matter and their predictors in an urban city. Indoor Air, 2017, 27, 955-964.	4.3	36
2236	A low filtration resistance three-dimensional composite membrane fabricated via free surface electrospinning for effective PM <sub>2.5</sub> capture. Environmental Science: Nano, 2017, 4, 864-875.	4.3	131
2237	Fine Particulate Air Pollution and Daily Mortality. A Nationwide Analysis in 272 Chinese Cities. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 73-81.	5.6	539
2238	Identifying critical supply chain paths and key sectors for mitigating primary carbonaceous PM <sub>2.5</sub> mortality in Asia. Economic Systems Research, 2017, 29, 105-123.	2.7	45
2239	Short-term effects of fine particulate matter pollution on daily health events in Latin America: a systematic review and meta-analysis. International Journal of Public Health, 2017, 62, 729-738.	2.3	65
2240	Particulate matter and labor supply: The role of caregiving and non-linearities. Journal of Environmental Economics and Management, 2017, 86, 295-309.	4.7	93
2241	Exposure to in-vehicle respirable particulate matter in passenger vehicles under different ventilation conditions and seasons. Sustainable Environment Research, 2017, 27, 87-94.	4.2	27
2242	The external costs of private versus public road transport in the Metropolitan Area of Santiago, Chile. Transportation Research, Part A: Policy and Practice, 2017, 98, 123-140.	4.2	22
2243	Control chart and Six sigma based algorithms for identification of outliers in experimental data, with an application to particulate matter PM 10. Atmospheric Pollution Research, 2017, 8, 700-708.	3.8	25
2244	Long Temporal Analysis of 3-km MODIS Aerosol Product Over East China. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2478-2490.	4.9	8
2245	Comprehensive Neighborhood Portraits and Child Asthma Disparities. Maternal and Child Health Journal, 2017, 21, 1552-1562.	1.5	22
2246	Chemical Identification of Individual Fine Dust Particles with Resonant Plasmonic Enhancement of Nanoslits in the Infrared. ACS Photonics, 2017, 4, 560-566.	6.6	21

#	Article	IF	Citations
2247	Economic Impacts from PM <sub>2.5</sub> Pollution-Related Health Effects: A Case Study in Shanghai. Environmental Science & Technology, 2017, 51, 5035-5042.	10.0	104
2248	ls short-term exposure to ambient fine particles associated with measles incidence in China? A multi-city study. Environmental Research, 2017, 156, 306-311.	7.5	80
2249	Transcriptomic analyses of human bronchial epithelial cells BEAS-2B exposed to atmospheric fine particulate matter PM2.5. Toxicology in Vitro, 2017, 42, 171-181.	2.4	31
2250	Exhaust emissions of non-road mobile machine: Real-world and laboratory studies with diesel and HVO fuels. Fuel, 2017, 202, 154-164.	6.4	75
2251	Thermal Management in Nanofiber-Based Face Mask. Nano Letters, 2017, 17, 3506-3510.	9.1	228
2252	Biomass burning in Indo-China peninsula and its impacts on regional air quality and global climate change-a review. Environmental Pollution, 2017, 227, 414-427.	7.5	77
2253	Chemical characteristics and source apportionment of PM2.5 using PCA/APCS, UNMIX, and PMF at an urban site of Delhi, India. Environmental Science and Pollution Research, 2017, 24, 14637-14656.	5.3	113
2254	Aerosol climatology over the Mexico City basin: Characterization of optical properties. Atmospheric Research, 2017, 194, 190-201.	4.1	16
2255	Unravelling urban–rural health disparities in England. Population, Space and Place, 2017, 23, e2073.	2.3	15
2256	Effects of lubricant oil on particulate emissions from port-fuel and direct-injection spark-ignition engines. International Journal of Engine Research, 2017, 18, 606-620.	2.3	41
2257	Triboelectric Nanogenerator Enhanced Nanofiber Air Filters for Efficient Particulate Matter Removal. ACS Nano, 2017, 11, 6211-6217.	14.6	242
2258	Chemical Characterization of Gas- and Particle-Phase Products from the Ozonolysis of α-Pinene in the Presence of Dimethylamine. Environmental Science & Technology, 2017, 51, 5602-5610.	10.0	25
2259	Contributions of local and regional anthropogenic sources of metals in PM2.5 at an urban site in northern France. Chemosphere, 2017, 181, 713-724.	8.2	81
2260	Evaluation of solid particle number and black carbon for very low particulate matter emissions standards in light-duty vehicles. Journal of the Air and Waste Management Association, 2017, 67, 677-693.	1.9	14
2261	Sub-micron particle number size distribution characteristics at two urban locations in Leicester. Atmospheric Research, 2017, 194, 1-16.	4.1	32
2262	Air pollution characteristics and health risks in Henan Province, China. Environmental Research, 2017, 156, 625-634.	7.5	101
2263	Influence of seasonality, air mass origin and particulate matter chemical composition on airborne bacterial community structure in the Po Valley, Italy. Science of the Total Environment, 2017, 593-594, 677-687.	8.0	81
2264	Al-Coated Conductive Fibrous Filter with Low Pressure Drop for Efficient Electrostatic Capture of Ultrafine Particulate Pollutants. ACS Applied Materials & amp; Interfaces, 2017, 9, 16495-16504.	8.0	69

#	Article	IF	CITATIONS
2265	Single Usage of a Kitchen Degreaser Can Alter Indoor Aerosol Composition for Days. Environmental Science & Technology, 2017, 51, 5907-5912.	10.0	9
2266	A New Air Pollution Source Identification Method Based on Remotely Sensed Aerosol and Improved Glowworm Swarm Optimization. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3454-3464.	4.9	13
2267	Short-term exposure to PM2.5 and vanadium and changes in asthma gene DNA methylation and lung function decrements among urban children. Respiratory Research, 2017, 18, 63.	3.6	61
2268	Effects of air pollution on respiratory hospital admissions in İstanbul, Turkey, 2013 to 2015. Chemosphere, 2017, 181, 544-550.	8.2	80
2269	Assessing temporal trends of trace metal concentrations in mosses over France between 1996 and 2011: A flexible and robust method to account for heterogeneous sampling strategies. Environmental Pollution, 2017, 220, 828-836.	7.5	8
2270	The Acute Effects of Fine Particulate Matter Constituents on Blood Inflammation and Coagulation. Environmental Science & Technology, 2017, 51, 8128-8137.	10.0	86
2271	Structural and electrostatic effects at the surfaces of size- and charge-selected aqueous nanodrops. Chemical Science, 2017, 8, 5201-5213.	7.4	16
2272	Atmospheric particulate matter2.5 promotes the migration and invasion of hepatocellular carcinoma cells. Oncology Letters, 2017, 13, 3445-3450.	1.8	25
2273	Investigation of relationships between meteorological conditions and high PM10 pollution in a megacity in the western Yangtze River Delta, China. Air Quality, Atmosphere and Health, 2017, 10, 713-724.	3.3	20
2274	Observations of particle extinction, PM2.5 mass concentration profile and flux in north China based on mobile lidar technique. Atmospheric Environment, 2017, 164, 360-369.	4.1	40
2275	The effects of biodiesels on semivolatile and nonvolatile particulate matter emissions from a light-duty diesel engine. Environmental Pollution, 2017, 230, 72-80.	7.5	10
2276	Chemical characterization and oxidative potential of particles emitted from open burning of cereal straws and rice husk under flaming and smoldering conditions. Atmospheric Environment, 2017, 163, 118-127.	4.1	54
2277	Spatially and chemically resolved source apportionment analysis: Case study of high particulate matter event. Atmospheric Environment, 2017, 162, 55-70.	4.1	91
2278	Spatial and temporal estimates of population exposure to wildfire smoke during the Washington state 2012 wildfire season using blended model, satellite, and in situ data. GeoHealth, 2017, 1, 106-121.	4.0	77
2279	Evaluating health outcomes from vehicle emissions exposure in the long range regional transportation planning process. Journal of Transport and Health, 2017, 6, 501-515.	2.2	24
2280	Biomagnetic Monitoring of Atmospheric Pollution: A Review of Magnetic Signatures from Biological Sensors. Environmental Science & Technology, 2017, 51, 6648-6664.	10.0	80
2281	Pesticides in fine airborne particles: from a green analysis method to atmospheric characterization and risk assessment. Scientific Reports, 2017, 7, 2267.	3.3	43
2282	ls in-cabin exposure to carbon monoxide and fine particulate matter amplified by the vehicle's self-pollution potential? Quantifying the rate of exhaust intrusion. Transportation Research, Part D: Transport and Environment, 2017, 54, 225-238.	6.8	15

#	Article	IF	CITATIONS
2283	Size-resolved particulate matter concentrations derived from 4.4 km-resolution size-fractionated Multi-angle Imaging SpectroRadiometer (MISR) aerosol optical depth over Southern California. Remote Sensing of Environment, 2017, 196, 312-323.	11.0	34
2284	Short-term effects of fine particulate air pollution on hospital admissions for hypertension: A time-stratified case-crossover study in Taipei. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2017, 80, 258-265.	2.3	17
2285	Chemical composition of fine mode particulate matter (PM 2.5 ) in an urban area of Delhi, India and its source apportionment. Urban Climate, 2017, 21, 106-122.	5.7	85
2286	Introductory lecture: atmospheric chemistry in the Anthropocene. Faraday Discussions, 2017, 200, 11-58.	3.2	17
2287	Temporal and spatial variation in major ion chemistry and source identification of secondary inorganic aerosols in Northern Zhejiang Province, China. Chemosphere, 2017, 179, 316-330.	8.2	71
2288	How to recognize and measure the economic impacts of environmental regulation: The Sulphur Emission Control Area case. Journal of Cleaner Production, 2017, 154, 553-565.	9.3	31
2289	Physical and chemical characterization of urban winter-time aerosols by mobile measurements in Helsinki, Finland. Atmospheric Environment, 2017, 158, 60-75.	4.1	38
2290	Heavy metals in industrially emitted particulate matter in Ile-Ife, Nigeria. Environmental Research, 2017, 156, 320-325.	7.5	71
2291	Hydrogen bond docking site competition in methyl esters. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 181, 122-130.	3.9	11
2292	Source apportionments of ambient fine particulate matter in Israeli, Jordanian, and Palestinian cities. Environmental Pollution, 2017, 225, 1-11.	7.5	27
2293	Population health and the economy: Mortality and the Great Recession in Europe. Health Economics (United Kingdom), 2017, 26, e219-e235.	1.7	60
2294	Air quality measurements—From rubber bands to tapping the rainbow. Journal of the Air and Waste Management Association, 2017, 67, 637-668.	1.9	11
2295	The Association Between Air Pollution and Onset of Depression Among Middle-Aged and Older Women. American Journal of Epidemiology, 2017, 185, 801-809.	3.4	140
2296	National-scale exposure prediction for long-term concentrations of particulate matter and nitrogen dioxide in South Korea. Environmental Pollution, 2017, 226, 21-29.	7.5	44
2297	Single particle mass spectral signatures from vehicle exhaust particles and the source apportionment of on-line PM 2.5 by single particle aerosol mass spectrometry. Science of the Total Environment, 2017, 593-594, 310-318.	8.0	40
2298	The health burden and economic costs averted by ambient PM 2.5 pollution reductions in Nagpur, India. Environment International, 2017, 102, 145-156.	10.0	48
2299	Environmental Justice and Underserved Communities. Primary Care - Clinics in Office Practice, 2017, 44, 155-170.	1.6	7
2300	Secondary organic aerosol formation from propylene irradiations in a chamber study. Atmospheric Environment, 2017, 157, 146-155.	4.1	23

#	Article	IF	CITATIONS
2301	Daily ambient air pollution metrics for five cities: Evaluation of data-fusion-based estimates and uncertainties. Atmospheric Environment, 2017, 158, 36-50.	4.1	27
2302	Weather conditions conducive to Beijing severe haze more frequent under climateÂchange. Nature Climate Change, 2017, 7, 257-262.	18.8	479
2303	Residential proximity to major roads, exposure to fine particulate matter and aortic calcium: the Framingham Heart Study, a cohort study. BMJ Open, 2017, 7, e013455.	1.9	13
2304	Chemical composition, sources and secondary processes of aerosols in Baoji city of northwest China. Atmospheric Environment, 2017, 158, 128-137.	4.1	60
2305	Burden of disease attributed to ambient PM2.5 and PM10 exposure in 190 cities in China. Environmental Science and Pollution Research, 2017, 24, 11559-11572.	5.3	86
2306	An analysis of the spatial distribution of O 3 and its precursors during summer in the urban atmosphere of Riyadh, Saudi Arabia. Atmospheric Pollution Research, 2017, 8, 861-872.	3.8	7
2307	Challenges in estimating health effects of indoor exposures to outdoor particles: Considerations for regional differences. Science of the Total Environment, 2017, 589, 130-135.	8.0	15
2308	Air Pollution and Climate Change Effects on Allergies in the Anthropocene: Abundance, Interaction, and Modification of Allergens and Adjuvants. Environmental Science & Technology, 2017, 51, 4119-4141.	10.0	193
2309	The effects of marine vessel fuel sulfur regulations on ambient PM2.5 at coastal and near coastal monitoring sites in the U.S Atmospheric Environment, 2017, 151, 52-61.	4.1	42
2310	Characteristics and origins of air pollutants in Wuhan, China, based on observations and hybrid receptor models. Journal of the Air and Waste Management Association, 2017, 67, 739-753.	1.9	33
2311	Multi-Angle Imager for Aerosols. Public Health Reports, 2017, 132, 14-17.	2.5	38
2312	Review of Urban Secondary Organic Aerosol Formation from Gasoline and Diesel Motor Vehicle Emissions. Environmental Science & Technology, 2017, 51, 1074-1093.	10.0	348
2313	Elemental analysis of infant airborne particulate exposures. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 526-534.	3.9	15
2314	Impact of dust loading on long term portable air cleaner performance. Building and Environment, 2017, 112, 261-269.	6.9	34
2315	Ambient particulate matter, landscape fire smoke, and emergency ambulance dispatches in Sydney, Australia. Environment International, 2017, 99, 208-212.	10.0	44
2316	Daily estimation of ground-level PM2.5 concentrations at 4 km resolution over Beijing-Tianjin-Hebei by fusing MODIS AOD and ground observations. Science of the Total Environment, 2017, 580, 235-244.	8.0	79
2317	Remote sensing and in situ measurements of methane and ammonia emissions from a megacity dairy complex: Chino, CA. Environmental Pollution, 2017, 221, 37-51.	7.5	19
2318	Direct Blow-Spinning of Nanofibers on a Window Screen for Highly Efficient PM <sub>2.5</sub> Removal. Nano Letters, 2017, 17, 1140-1148.	9.1	248

ARTICLE IF CITATIONS Influence of haze pollution on water-soluble chemical species in PM2.5 and size-resolved particles at 2319 6.1 29 an urban site during fall. Journal of Environmental Sciences, 2017, 57, 370-382. Seasonal trends, chemical speciation and source apportionment of fine PM in Tehran. Atmospheric 4.1 90 Environment, 2017, 153, 70-82. Atmospheric deposition of particles at a sensitive alpine lake: Size-segregated daily and annual fluxes 2321 8.0 15 from passive sampling techniques. Science of the Total Environment, 2017, 579, 1736-1744. Gas- and particle-phase products from the photooxidation of acenaphthene and acenaphthylene by OH radicals. Atmospheric Environment, 2017, 151, 34-44. A review of biomass burning: Emissions and impacts on air quality, health and climate in China. Science 2323 8.0 815 of the Total Environment, 2017, 579, 1000-1034. Characterization of chemical compositions in size-segregated atmospheric particles during severe haze episodes in three mega-cities of China. Atmospheric Research, 2017, 187, 138-146. 2324 4.1 Detailed Analysis of Criteria and Particle Emissions from a Very Large Crude Carrier Using a Novel ECA 2325 10.0 15 Fuel. Environmental Science & amp; Technology, 2017, 51, 1868-1875. Variations in particulate matter over Indo-Gangetic Plains and Indo-Himalayan Range during four field campaigns in winter monsoon and summer monsoon: Role of pollution pathways. Atmospheric 4.1 119 Environment, 2017, 154, 200-224. Disability-adjusted life years and economic cost assessment of the health effects related to PM2.5 and 2327 PM10 pollution in Mumbai and Delhi, in India from 1991 to 2015. Environmental Science and Pollution 5.3 51 Research, 2017, 24, 4709-4730. Gas Phase Oxidation of Campholenic Aldehyde and Solution Phase Reactivity of its Epoxide Derivative. 2328 2.5 Journal of Physical Chemistry A, 2017, 121, 168-180. Spatial and temporal variation in endotoxin and PM10 concentrations in ambient air in a livestock 2329 7.5 38 dense area. Environmental Research, 2017, 153, 161-170. Intraseasonal variation of visibility in Hong Kong. Advances in Atmospheric Sciences, 2017, 34, 26-38. 2330 4.3 Dynamic Flocculation of Ultrafine Particles of Coal-Fired Power Plant Induced by Ionic Polyacrylamides at Bench and Pilot Scales. Industrial & amp; Engineering Chemistry Research, 2017, 56, 2331 3.7 4 12438-12446. Effects of ambient PM 1 air pollution on daily emergency hospital visits in China: an epidemiological study. Lancet Planetary Health, The, 2017, 1, e221-e229. 11.4 154 Association between fine particulate air pollution and hospital admissions for chest pain in a subtropical city: Taipei, Taiwan. Journal of Toxicology and Environmental Health - Part A: Current 2333 2.37 Issues, 2017, 80, 1269-1275. Aerosol particle mixing state, refractory particle number size distributions and emission factors in a polluted urban environment: Case study of Metro Manila, Philippines. Atmospheric Environment, 2017, 2334 39 170, 169-183. Toward understanding atmospheric physics impacting the relationship between columnar aerosol 2335 optical depth and near-surface PM mass concentrations in Nevada and California, U.S.A., during 2013. 4.1 15 Atmospheric Environment, 2017, 171, 289-300. Rosemary (Rosmarinus officinalis) essential oil components exhibit anti-hyperglycemic, 2.2 anti-hyperlipidemic and antioxidant effects in experimental diabetes. Pathophysiology, 2017, 24, 297-303.

#	Article	IF	CITATIONS
2337	Preparation of a PM2.5-like reference material in sufficient quantities for accurate monitoring of anions and cations in fine atmospheric dust. Analytical and Bioanalytical Chemistry, 2017, 409, 7121-7131.	3.7	16
2338	Community-Empowered Air Quality Monitoring System. , 2017, , .		38
2339	Blending Multiple Nitrogen Dioxide Data Sources for Neighborhood Estimates of Long-Term Exposure for Health Research. Environmental Science & amp; Technology, 2017, 51, 12473-12480.	10.0	7
2340	Effective Policies for Transportation and Pollution Reduction on North America's International Borders. B E Journal of Economic Analysis and Policy, 2017, 17, .	0.9	0
2341	Oxidative potential of PM10 and PM2.5 collected at high air pollution site related to chemical composition: Krakow case study. Air Quality, Atmosphere and Health, 2017, 10, 1123-1137.	3.3	45
2342	Particle formation and growth from oxalic acid, methanesulfonic acid, trimethylamine and water: a combined experimental and theoretical study. Physical Chemistry Chemical Physics, 2017, 19, 28286-28301.	2.8	42
2343	Land use regression modeling of oxidative potential of fine particles, NO2, PM2.5 mass and association to type two diabetes mellitus. Atmospheric Environment, 2017, 171, 181-190.	4.1	13
2344	High-Resolution Air Pollution Mapping with Google Street View Cars: Exploiting Big Data. Environmental Science & Technology, 2017, 51, 6999-7008.	10.0	474
2345	Contribution of livestock H2S to total sulfur emissions in a region with intensive animal production. Nature Communications, 2017, 8, 1069.	12.8	34
2346	Overview of Persistent Haze Events in China. , 2017, , 3-25.		1
2347	Chemical characteristics of PM 2.5 during summer at a background site of the Yangtze River Delta in China. Atmospheric Research, 2017, 198, 163-172.	4.1	29
2348	Elemental and carbonaceous characterization of TSP and PM10 during Middle Eastern dust (MED) storms in Ahvaz, Southwestern Iran. Environmental Monitoring and Assessment, 2017, 189, 462.	2.7	16
2349	Is smog innocuous? Air pollution and cardiovascular disease. Indian Heart Journal, 2017, 69, 425-429.	0.5	27
2350	Source apportionment of PM2.5 in North India using source-oriented air quality models. Environmental Pollution, 2017, 231, 426-436.	7.5	120
2351	Impact of Electronic Cigarettes on the Cardiovascular System. Journal of the American Heart Association, 2017, 6, .	3.7	145
2352	Primary emissions and secondary aerosol production potential from woodstoves for residential heating: Influence of the stove technology and combustion efficiency. Atmospheric Environment, 2017, 169, 65-79.	4.1	48
2353	Characterization of atmospheric black carbon and co-pollutants in urban and rural areas of Spain. Atmospheric Environment, 2017, 169, 36-53.	4.1	65
2354	xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"> <mml:mrow><mml:mi>P</mml:mi><mml:mi>M</mml:mi><mml:mi>10and ground-level ozone <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">altimg="si2.gif"</mml:math></mml:mi></mml:mrow>	w>4.1	mąth>
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#	Article	IF	CITATIONS
2355	Global and regional trends in particulate air pollution and attributable health burden over the past 50 years. Environmental Research Letters, 2017, 12, 104017.	5.2	90
2356	Association Between PM 2.5 Exposure and the Prognosis of Patients with Acute Myocardial Infraction. Archives of Medical Research, 2017, 48, 292-296.	3.3	9
2357	Knudsen cell studies of the uptake of gaseous ammonia and amines onto C3–C7 solid dicarboxylic acids. Physical Chemistry Chemical Physics, 2017, 19, 26296-26309.	2.8	8
2358	Size-segregated aerosol in a hot-spot pollution urban area: Chemical composition and three-way source apportionment. Environmental Pollution, 2017, 231, 601-611.	7.5	26
2359	Trace metals and magnetic particles in PM2.5: Magnetic identification and its implications. Scientific Reports, 2017, 7, 9865.	3.3	42
2360	Exposure to secondhand smoke, exclusive breastfeeding and infant adiposity at age 5Âmonths in the Healthy Start study. Pediatric Obesity, 2017, 12, 111-119.	2.8	6
2361	Ambient particulate air pollution (PM2.5) is associated with the ratio of type 2 diabetes to obesity. Scientific Reports, 2017, 7, 9144.	3.3	45
2362	Workplace Measurements of Ultrafine Particles—A Literature Review. Annals of Work Exposures and Health, 2017, 61, 749-758.	1.4	84
2363	Efficacy of Recent Emissions Controls on Road Vehicles in Europe and Implications for Public Health. Scientific Reports, 2017, 7, 1152.	3.3	33
2364	Time-resolved monitoring of polycyclic aromatic hydrocarbons adsorbed on atmospheric particles. Environmental Science and Pollution Research, 2017, 24, 19517-19523.	5.3	3
2365	An evaluation of mass absorption cross-section for optical carbon analysis on Teflon filter media. Journal of the Air and Waste Management Association, 2017, 67, 1213-1228.	1.9	17
2366	The concentration distribution of exposures to particulate air pollution on different road sections. Transportation Research Procedia, 2017, 25, 3343-3353.	1.5	8
2367	The Power System Environmental Optimal Dispatch Containing Air Quality Forecast. Energy Procedia, 2017, 105, 3623-3628.	1.8	1
2368	Blood pressure in indoor and outdoor workers. Environmental Toxicology and Pharmacology, 2017, 55, 127-136.	4.0	9
2369	Productivity effects of air pollution: Evidence from professional soccer. Labour Economics, 2017, 48, 54-66.	1.7	123
2370	Observation of SOA tracers at a mountainous site in Hong Kong: Chemical characteristics, origins and implication on particle growth. Science of the Total Environment, 2017, 605-606, 180-189.	8.0	18
2371	Particulate emissions from modern and old technology wood combustion induce distinct time-dependent patterns of toxicological responses in vitro. Toxicology in Vitro, 2017, 44, 164-171.	2.4	5
2372	Combustion performance and pollutant emissions analysis using diesel/gasoline/iso-butanol blends in a diesel engine. Energy Conversion and Management, 2017, 149, 381-391.	9.2	49

#	Article	IF	CITATIONS
2373	Implementing and managing urban forests: A much needed conservation strategy to increase ecosystem services and urban wellbeing. Ecological Modelling, 2017, 360, 328-335.	2.5	116
2374	Origin of Fine Particulate Carbon in the Rural United States. Environmental Science & Technology, 2017, 51, 9846-9855.	10.0	19
2375	Modeling Fluctuation of PM <sub>10</sub> Data with Existence of Volatility Effect. Environmental Engineering Science, 2017, 34, 816-827.	1.6	19
2376	PM <sub>2.5</sub> particulates and particulate-bound mercury Hg(p) concentrations in a mixed urban, residential, traffic-heavy, and industrial site. Environmental Forensics, 2017, 18, 178-187.	2.6	6
2377	Wind sorting affects differently the organo-mineral composition of saltating and particulate materials in contrasting texture agricultural soils. Aeolian Research, 2017, 28, 39-49.	2.7	23
2378	Characterization of Emissions from a Desktop 3D Printer. Journal of Industrial Ecology, 2017, 21, S94.	5.5	109
2379	Investigating the link between \$\$hbox {PM}_{2.5}\$\$ PM 2.5 and atmospheric profile variables via penalized functional quantile regression. Environmental and Ecological Statistics, 2017, 24, 363-384.	3.5	5
2380	Application of Scanning Electron Microscopy With Energy-Dispersive X-Ray Spectroscopy for Analyzing Ocular Surface Particles on Schirmer Strips. Cornea, 2017, 36, 752-756.	1.7	10
2381	Premature Mortality Attributable to Particulate Matter in China: Source Contributions and Responses to Reductions. Environmental Science & amp; Technology, 2017, 51, 9950-9959.	10.0	152
2382	Spatio-temporal variations in PM leaf deposition: A meta-analysis. Environmental Pollution, 2017, 231, 207-218.	7.5	98
2383	Source apportionment of submicron organic aerosol collected from Atlanta, Georgia, during 2014–2015 using the aerosol chemical speciation monitor (ACSM). Atmospheric Environment, 2017, 167, 389-402.	4.1	26
2384	Particle size distribution: A key factor in estimating powder dustiness. Journal of Occupational and Environmental Hygiene, 2017, 14, 975-985.	1.0	8
2385	Evaluation of sooting tendency of acetone–butanol–ethanol (ABE) fuels blended with diesel fuel. Fuel, 2017, 209, 394-401.	6.4	39
2386	Air Pollution and Children's Health in Chinese. Advances in Experimental Medicine and Biology, 2017, 1017, 153-180.	1.6	11
2387	Air Pollution and Mortality in China. Advances in Experimental Medicine and Biology, 2017, 1017, 103-121.	1.6	26
2388	Sensitivities of Simulated Source Contributions and Health Impacts of PM <sub>2.5</sub> to Aerosol Models. Environmental Science & amp; Technology, 2017, 51, 14273-14282.	10.0	14
2390	Kinetic Limitation to Inorganic Ion Diffusivity and to Coalescence of Inorganic Inclusions in Viscous Liquid–Liquid Phase-Separated Particles. Journal of Physical Chemistry A, 2017, 121, 9284-9296.	2.5	22
2391	A novel approach for characterizing neighborhood-level trends in particulate matter using concentration and size fraction distributions: a case study in Charleston, SC. Air Quality, Atmosphere and Health, 2017, 10, 1181-1192.	3.3	2

#	Article	IF	CITATIONS
2392	A comparison of the effects of interannual Arctic sea ice loss and ENSO on winter haze days: Observational analyses and AGCM simulations. Journal of Meteorological Research, 2017, 31, 820-833.	2.4	37
2393	Aerosol Health Effects from Molecular to Global Scales. Environmental Science & Technology, 2017, 51, 13545-13567.	10.0	384
2394	Towards a Better Protection of Children's Respiratory Health against Particulate Matter Pollution in Urban Areas – ROkidAIR Project. Procedia Engineering, 2017, 198, 283-292.	1.2	6
2395	The smaller, the worse?. Lancet Planetary Health, The, 2017, 1, e210-e211.	11.4	19
2396	Fine Particulate Air Pollution and First Hospital Admissions for Ischemic Stroke in Beijing, China. Scientific Reports, 2017, 7, 3897.	3.3	54
2397	Air quality inside subway metro indoor environment worldwide: A review. Environment International, 2017, 107, 33-46.	10.0	101
2398	Estimating Acute Cardiorespiratory Effects of Ambient Volatile Organic Compounds. Epidemiology, 2017, 28, 197-206.	2.7	47
2399	Role of oxidative stress in cardiovascular disease outcomes following exposure to ambient air pollution. Free Radical Biology and Medicine, 2017, 110, 345-367.	2.9	115
2400	Characterization of Aerosol Particles Produced by a Skyscraper Demolition by Blasting. Journal of Aerosol Science, 2017, 112, 11-18.	3.8	6
2401	How private vehicle use increases ambient air pollution concentrations at schools during the morning drop-off of children. Atmospheric Environment, 2017, 165, 264-273.	4.1	19
2402	Surface data assimilation of chemical compounds over North America and its impact on air quality and Air Quality Health Index (AQHI) forecasts. Air Quality, Atmosphere and Health, 2017, 10, 955-970.	3.3	9
2403	Fine particulate air pollution and hospital visits for asthma in Beijing, China. Environmental Pollution, 2017, 230, 227-233.	7.5	93
2404	Chemical characterization and toxicity assessment of fine particulate matters emitted from the combustion of petrol and diesel fuels. Science of the Total Environment, 2017, 605-606, 172-179.	8.0	73
2405	Impact of Thermal Decomposition on Thermal Desorption Instruments: Advantage of Thermogram Analysis for Quantifying Volatility Distributions of Organic Species. Environmental Science & Technology, 2017, 51, 8491-8500.	10.0	117
2406	Dust exposure and lung function of workers in the brick and clay pottery factories in the Northeast of Thailand. International Journal of Environmental Studies, 0, , 1-12.	1.6	2
2407	Air pollution and hospital visits for acute upper and lower respiratory infections among children in Ningbo, China: A time-series analysis. Environmental Science and Pollution Research, 2017, 24, 18860-18869.	5.3	52
2408	Air Pollutant Exposure Within a Few Days of Delivery and Placental Abruption in Japan. Epidemiology, 2017, 28, 190-196.	2.7	19
2409	Erectile dysfunction and exposure to ambient air pollution in a nationally representative cohort of older men. Environmental Health, 2017, 16, 12,	4.0	20

#	Article	IF	CITATIONS
2410	Spatial identification of potential health hazards: a systematic areal search approach. International Journal of Health Geographics, 2017, 16, 5.	2.5	2
2411	Experimental investigation and optimization of exhaust gas recirculation on a Euroâ€1 variable speed compression ignition engine. Environmental Progress and Sustainable Energy, 2017, 36, 1685-1693.	2.3	3
2412	Temporal and spatial distribution of PM2.5 chemical composition in a coastal city of Southeast China. Science of the Total Environment, 2017, 605-606, 337-346.	8.0	33
2413	Ambient Particulate Matter Concentrations and Hospitalization for Stroke in 26 Chinese Cities. Stroke, 2017, 48, 2052-2059.	2.0	55
2414	Characteristics, sources and evolution of fine aerosol (PM 1 ) at urban, coastal and forest background sites in Lithuania. Atmospheric Environment, 2017, 148, 62-76.	4.1	26
2415	Integrated monitoring for environmental health impact assessment related to the genotoxic effects of vehicular pollution in Uberlândia, Brazil. Environmental Science and Pollution Research, 2017, 24, 2572-2577.	5.3	5
2416	SOA in newly decorated residential buildings. Building and Environment, 2017, 111, 132-139.	6.9	9
2417	Application of the dual Pegasor Particle Sensor to real-time measurement of motor vehicle exhaust PM. Journal of Aerosol Science, 2017, 103, 93-104.	3.8	16
2418	Basophil mediated pro-allergic inflammation in vehicle-emitted particles exposure. Environmental Research, 2017, 152, 308-314.	7.5	13
2419	Spatial and temporal variability of carbonaceous aerosols: Assessing the impact of biomass burning in the urban environment. Science of the Total Environment, 2017, 578, 613-625.	8.0	117
2420	Tobacco Smoke Pollution in Hospitality Venues Before and After Passage of Statewide Smokeâ€Free Legislation. Public Health Nursing, 2017, 34, 166-175.	1.5	6
2421	Spatial variations and development of land use regression models of oxidative potential in ten European study areas. Atmospheric Environment, 2017, 150, 24-32.	4.1	34
2422	Analysis of short-term ozone and PM2.5 measurements: Characteristics and relationships for air sensor messaging. Journal of the Air and Waste Management Association, 2017, 67, 462-474.	1.9	12
2423	Airborne particulate matter pollution in urban China: a chemical mixture perspective from sources to impacts. National Science Review, 2017, 4, 593-610.	9.5	71
2424	Assessment of different route choice on commuters' exposure to air pollution in Taipei, Taiwan. Environmental Science and Pollution Research, 2017, 24, 3163-3171.	5.3	25
2425	Spatial and temporal trends in the mortality burden of air pollution in China: 2004–2012. Environment International, 2017, 98, 75-81.	10.0	239
2426	Exposure and health impact evaluation based on simultaneous measurement of indoor and ambient PM2.5 in Haidian, Beijing. Environmental Pollution, 2017, 220, 704-712.	7.5	59
2427	Systemic effects of controlled exposure to diesel exhaust: a meta-analysis from randomized controlled trials. Annals of Medicine, 2017, 49, 165-175.	3.8	9

#	Article	IF	CITATIONS
2428	An economic assessment of the health effects and crop yield losses caused by air pollution in mainland China. Journal of Environmental Sciences, 2017, 56, 102-113.	6.1	51
2429	Earth System Science Frontiers: An Early Career Perspective. Bulletin of the American Meteorological Society, 2017, 98, 1120-1127.	3.3	17
2430	Oxidative potential of subway PM 2.5. Atmospheric Environment, 2017, 148, 230-238.	4.1	63
2431	Wildland firefighter deaths in the United States: A comparison of existing surveillance systems. Journal of Occupational and Environmental Hygiene, 2017, 14, 258-270.	1.0	31
2432	Seasonal analysis of the short-term effects of air pollution on daily mortality in Northeast Asia. Science of the Total Environment, 2017, 576, 850-857.	8.0	43
2433	Evaluating the efficacy of cloth facemasks in reducing particulate matter exposure. Journal of Exposure Science and Environmental Epidemiology, 2017, 27, 352-357.	3.9	155
2434	A framework for cumulative risk assessment in the 21st century. Critical Reviews in Toxicology, 2017, 47, 85-97.	3.9	47
2435	Particulate matter from indoor environments of classroom induced higher cytotoxicity and leakiness in human microvascular endothelial cells in comparison with those collected from corridor. Indoor Air, 2017, 27, 551-563.	4.3	8
2436	Effects of Fine Particulate Matter on Erectile Function and Its Potential Mechanism in Rats. Urology, 2017, 102, 265.e9-265.e16.	1.0	7
2437	Laboratory characterization of an aerosol chemical speciation monitor with PM <sub>2.5</sub> measurement capability. Aerosol Science and Technology, 2017, 51, 69-83.	3.1	82
2438	Feasibility of using low-cost portable particle monitors for measurement of fine and coarse particulate matter in urban ambient air. Journal of the Air and Waste Management Association, 2017, 67, 330-340.	1.9	52
2439	Cigarette induced PM2.5 in hotel rooms: An assessment of the effectiveness of management's mitigating measures. International Journal of Hospitality Management, 2017, 60, 42-47.	8.8	8
2440	Automated aerosol Raman spectrometer for semi-continuous sampling of atmospheric aerosol. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 188, 103-117.	2.3	29
2441	Assessment of PM2.5 and PM10 over Guwahati in Brahmaputra River Valley: Temporal evolution, source apportionment and meteorological dependence. Atmospheric Pollution Research, 2017, 8, 13-28.	3.8	42
2442	Impacts of regional transport on black carbon in Huairou, Beijing, China. Environmental Pollution, 2017, 221, 75-84.	7.5	20
2443	Atmospheric Aerosol Chemistry: Spectroscopic and Microscopic Advances. Analytical Chemistry, 2017, 89, 430-452.	6.5	135
2444	Relationships of surface ozone with its precursors, particulate matter and meteorology over Delhi. Journal of Atmospheric Chemistry, 2017, 74, 451-474.	3.2	41
2445	Inhalation exposure of children to indoor PM10 and associated metals during river-dust episodes. Air Quality, Atmosphere and Health, 2017, 10, 381-388.	3.3	7

#	Article	IF	CITATIONS
2446	Quantifying the relationship between extreme air pollution events and extreme weather events. Atmospheric Research, 2017, 188, 64-79.	4.1	88
2447	Estimation of Hospital Admissions Respiratory Disease Attributed to PM10 Exposure Using the AirQ Model Within the Greater Athens Area. Springer Atmospheric Sciences, 2017, , 1105-1110.	0.3	2
2448	Chemical and cellular oxidant production induced by naphthalene secondary organic aerosol (SOA): effect of redox-active metals and photochemical aging. Scientific Reports, 2017, 7, 15157.	3.3	37
2449	Particulate Matter Mass Concentration in Residential Prefabricated Buildings Related to Temperature and Moisture. IOP Conference Series: Materials Science and Engineering, 2017, 245, 042068.	0.6	7
2450	Finite element modeling of polydisperse flows using the direct quadrature method of moments. Energy Procedia, 2017, 139, 410-416.	1.8	0
2451	Determination of Particle Penetration Coefficient, Particle Deposition Rate and Air Infiltration Rate in Classrooms Based on Monitored Indoor and Outdoor Concentration Levels of Particle and Carbon Dioxide. Procedia Engineering, 2017, 205, 3123-3129.	1.2	13
2452	Looking back, looking forward: Scientific and technological advances in multiangle imaging of aerosols and clouds. AIP Conference Proceedings, 2017, , .	0.4	1
2453	Kinetic modeling studies of SOA formation from <i>α</i> -pinene ozonolysis. Atmospheric Chemistry and Physics, 2017, 17, 13187-13211.	4.9	8
2454	Sources and atmospheric processing of winter aerosols in Seoul, Korea: insights from real-time measurements using aÂhigh-resolution aerosol mass spectrometer. Atmospheric Chemistry and Physics, 2017, 17, 2009-2033.	4.9	50
2455	Wintertime aerosol chemistry and haze evolution in an extremely polluted city of the North China Plain: significant contribution fromÂcoal and biomass combustion. Atmospheric Chemistry and Physics, 2017, 17, 4751-4768.	4.9	172
2456	Influence of urban pollution on the production of organic particulate matter from isoprene epoxydiols in central Amazonia. Atmospheric Chemistry and Physics, 2017, 17, 6611-6629.	4.9	45
2457	Hybrid Measurement of Air Quality as a Mobile Service: An Image Based Approach. , 2017, , .		4
2458	Inflammatory responses to secondary organic aerosolsÂ(SOA) generated from biogenic and anthropogenic precursors. Atmospheric Chemistry and Physics, 2017, 17, 11423-11440.	4.9	67
2459	Aerosol emissions factors from traditional biomass cookstoves in India: insights from field measurements. Atmospheric Chemistry and Physics, 2017, 17, 13721-13729.	4.9	33
2460	Chemical oxidative potential of secondary organic aerosol (SOA) generated from the photooxidation of biogenic and anthropogenic volatile organic compounds. Atmospheric Chemistry and Physics, 2017, 17, 839-853.	4.9	135
2461	Organic carbon at a remote site of the western Mediterranean Basin: sources and chemistry during the ChArMEx SOP2 field experiment. Atmospheric Chemistry and Physics, 2017, 17, 8837-8865.	4.9	45
2462	Regional contributions to particulate matter concentration in the Seoul metropolitan area, South Korea: seasonal variation and sensitivity to meteorology and emissions inventory. Atmospheric Chemistry and Physics, 2017, 17, 10315-10332.	4.9	138
2463	Photooxidation of cyclohexene in the presence of SO <sub>2</sub> : SOA yield and chemical composition. Atmospheric Chemistry and Physics, 2017, 17, 13329-13343.	4.9	40

#	Article	IF	CITATIONS
2464	Secondary organic aerosol from chlorine-initiated oxidation of isoprene. Atmospheric Chemistry and Physics, 2017, 17, 13491-13508.	4.9	61
2465	Electrospray surface-enhanced Raman spectroscopy (ES-SERS) for probing surface chemical compositions of atmospherically relevant particles. Atmospheric Chemistry and Physics, 2017, 17, 14025-14037.	4.9	27
2466	Field characterization of the PM <sub>2.5</sub> Aerosol Chemical Speciation Monitor: insights into the composition, sources, and processes of fineÂparticles in eastern China. Atmospheric Chemistry and Physics, 2017, 17, 14501-14517.	4.9	58
2467	Impacts of meteorological uncertainties on the haze formation in Beijing–Tianjin–Hebei (BTH) during wintertime: a case study. Atmospheric Chemistry and Physics, 2017, 17, 14579-14591.	4.9	56
2468	Evaluation of the absorption Ãngström exponents for traffic and wood burning in the Aethalometer-based source apportionment using radiocarbon measurements of ambient aerosol. Atmospheric Chemistry and Physics, 2017, 17, 4229-4249.	4.9	272
2469	Carbonaceous aerosol source apportionment using the Aethalometer model – evaluation by radiocarbon and levoglucosan analysis at a rural background site in southern Sweden. Atmospheric Chemistry and Physics, 2017, 17, 4265-4281.	4.9	72
2470	Nocturnal new particle formation events in urban environments. Atmospheric Chemistry and Physics, 2017, 17, 521-530.	4.9	27
2471	Secondary organic aerosol formation from in situ OH, O <sub>3</sub> , and NO <sub>3</sub> oxidation of ambient forest air in an oxidation flow reactor. Atmospheric Chemistry and Physics, 2017, 17, 5331-5354.	4.9	57
2472	Long-term particulate matter modeling for health effect studies in California – Part 2: Concentrations and sources of ultrafine organic aerosols. Atmospheric Chemistry and Physics, 2017, 17, 5379-5391.	4.9	26
2473	Near-road sampling of PM <sub>2. 5</sub> , BC, and fine-particle chemical components in Kathmandu Valley, Nepal. Atmospheric Chemistry and Physics, 2017, 17, 6503-6516.	4.9	38
2474	On the multiday haze in the Asian continental outflow: the important role of synoptic conditions combined with regional and local sources. Atmospheric Chemistry and Physics, 2017, 17, 9311-9332.	4.9	70
2475	A Tale of Two Cities: Visualizing Air Quality in Salt Lake City and Beijing. Communication Design, 2017, 5, 91-102.	0.1	0
2476	Principle component analysis of flue gas exhaust and health risk estimates for the population around a functional incinerator in the vicinity of Rawalpindi Pakistan. Arabian Journal of Chemistry, 2017, 10, S2302-S2306.	4.9	8
2477	Effect of exposure to ambient PM2.5 pollution on the risk of respiratory tract diseases: a meta-analysis of cohort studies. Journal of Biomedical Research, 2017, 31, 130.	1.6	72
2478	Air pollution, oxidative stress, and exacerbation of autoimmune diseases. Central-European Journal of Immunology, 2017, 3, 305-312.	1.2	76
2479	Ambient Ozone Pollution and Daily Mortality: A Nationwide Study in 272 Chinese Cities. Environmental Health Perspectives, 2017, 125, 117006.	6.0	236
2480	Whole Blood Cytokine Response to Local Traffic-Related Particulate Matter in Peruvian Children With and Without Asthma. Frontiers in Pharmacology, 2017, 8, 157.	3.5	6
2481	Is Neighborhood Green Space Protective against Associations between Child Asthma, Neighborhood Traffic Volume and Perceived Lack of Area Safety? Multilevel Analysis of 4447 Australian Children. International Journal of Environmental Research and Public Health, 2017, 14, 543.	2.6	47

#	Article	IF	CITATIONS
2482	Lidar equation inversion methods and uncertainties in measuring fugitive particulate matter emission factors. Applied Optics, 2017, 56, 7691.	1.8	4
2483	The Association of Domestic Incense Burning with Hypertension and Blood Pressure in Guangdong, China. International Journal of Environmental Research and Public Health, 2017, 14, 788.	2.6	7
2484	Experimental Investigations on the Sources of Particulate Emission within a Natural Gas Spark-Ignition Engine. , 2017, , .		10
2485	Satellite Based Mapping of Ground PM2.5 Concentration Using Generalized Additive Modeling. Remote Sensing, 2017, 9, 1.	4.0	451
2486	How Do Aerosol Properties Affect the Temporal Variation of MODIS AOD Bias in Eastern China?. Remote Sensing, 2017, 9, 800.	4.0	26
2487	Estimation of Particulate Matter Impact on Human Health within the Urban Environment of Athens City, Greece. Urban Science, 2017, 1, 6.	2.3	10
2488	Comparing CMAQ Forecasts with a Neural Network Forecast Model for PM2.5 in New York. Atmosphere, 2017, 8, 161.	2.3	32
2489	A Geostatistics-Based Method to Determine the Pixel Distance in a Structure Function Model for Aerosol Optical Depth Inversion. Atmosphere, 2017, 8, 6.	2.3	1
2490	Predicting PM2.5 Concentrations at a Regional Background Station Using Second Order Self-Organizing Fuzzy Neural Network. Atmosphere, 2017, 8, 10.	2.3	13
2491	Characterization of Particulate Matter (PM2.5 and PM10) Relating to a Coal Power Plant in the Boroughs of Springdale and Cheswick, PA. Atmosphere, 2017, 8, 186.	2.3	10
2492	Assessing the Value of Systematic Cycling in a Polluted Urban Environment. Climate, 2017, 5, 65.	2.8	8
2493	Atmospheric Particulate Matter Variability during 2014 at Buenos Aires City (Argentina) Comparing Ground-Based Measurements and Satellite Data. Proceedings (mdpi), 2017, 1, .	0.2	0
2494	Fine Particulate Matter Concentrations in Urban Chinese Cities, 2005–2016: A Systematic Review. International Journal of Environmental Research and Public Health, 2017, 14, 191.	2.6	49
2495	Impact of Land Use on PM2.5 Pollution in a Representative City of Middle China. International Journal of Environmental Research and Public Health, 2017, 14, 462.	2.6	53
2496	Ultrafine Particle Distribution and Chemical Composition Assessment during Military Operative Trainings. International Journal of Environmental Research and Public Health, 2017, 14, 579.	2.6	7
2497	Air Pollution Monitoring Design for Epidemiological Application in a Densely Populated City. International Journal of Environmental Research and Public Health, 2017, 14, 686.	2.6	12
2498	Road Environments: Impact of Metals on Human Health in Heavily Congested Cities of Poland. International Journal of Environmental Research and Public Health, 2017, 14, 697.	2.6	22
2499	Association between Long-Term Exposure to Particulate Matter Air Pollution and Mortality in a South Korean National Cohort: Comparison across Different Exposure Assessment Approaches. International Journal of Environmental Research and Public Health, 2017, 14, 1103.	2.6	27

#	Article	IF	CITATIONS
2500	Modeling PM <sub>2.5</sub> Urban Pollution Using Machine Learning and Selected Meteorological Parameters. Journal of Electrical and Computer Engineering, 2017, 2017, 1-14.	0.9	97
2501	Validation of MODIS-Aqua Aerosol Products C051 and C006 over the Beijing-Tianjin-Hebei Region. Atmosphere, 2017, 8, 172.	2.3	8
2502	Air Pollution, Health Spending and Willingness to Pay for Clean Air in China. SSRN Electronic Journal, 0, , .	0.4	18
2503	How to reach haze control targets by air pollutants emission reduction in the Beijing-Tianjin-Hebei region of China?. PLoS ONE, 2017, 12, e0173612.	2.5	7
2504	Validation of a light-scattering PM2.5 sensor monitor based on the long-term gravimetric measurements in field tests. PLoS ONE, 2017, 12, e0185700.	2.5	38
2505	Personal exposure to fine particulate air pollution while commuting: An examination of six transport modes on an urban arterial roadway. PLoS ONE, 2017, 12, e0188053.	2.5	56
2506	Impact of scale of aggregation on associations of cardiovascular hospitalization and socio-economic disadvantage. PLoS ONE, 2017, 12, e0188161.	2.5	4
2507	Ozone exposure is associated with acute changes in inflammation, fibrinolysis, and endothelial cell function in coronary artery disease patients. Environmental Health, 2017, 16, 126.	4.0	67
2509	Estimating ground PM2.5 concentration using eigenvector spatial filtering regression. , 2017, , .		1
2510	Impedance-Based Moisture Content Sensor Assessment for Gas-Phase Biofilter Media. Transactions of the ASABE, 2017, 60, 2163-2173.	1.1	1
2511	Analysis of concentrations trends and origins of PM <sub>10</sub> in selected European cities. E3S Web of Conferences, 2017, 17, 00013.	0.5	14
2513	Mortality due to Vegetation Fire–Originated PM <sub>2.5</sub> Exposure in Europe—Assessment for the Years 2005 and 2008. Environmental Health Perspectives, 2017, 125, 30-37.	6.0	52
2514	Ammonia Volatilization from Broadcast Urea and Alternative Dry Nitrogen Fertilizers. Soil Science Society of America Journal, 2017, 81, 1629-1639.	2.2	13
2515	The Social Costs of Electricity Generation—Categorising Different Types of Costs and Evaluating Their Respective Relevance. Energies, 2017, 10, 356.	3.1	37
2516	Assessing Exposure to Household Air Pollution: A Systematic Review and Pooled Analysis of Carbon Monoxide as a Surrogate Measure of Particulate Matter. Environmental Health Perspectives, 2017, 125, 076002.	6.0	61
2517	An Evaluation of Four MODIS Collection 6 Aerosol Products in a Humid Subtropical Region. Remote Sensing, 2017, 9, 1173.	4.0	8
2518	To Investigate the Effects of Air Pollution (PM10 and SO2) on the Respiratory Diseases Asthma and Chronic Obstructive Pulmonary Disease. Turkish Thoracic Journal, 2017, 18, 33-39.	0.6	31
2519	A method for measuring total aerosol oxidative potential (OP) with the dithiothreitol (DTT) assay and comparisons between an urban and roadside site of water-soluble and total OP. Atmospheric Measurement Techniques, 2017, 10, 2821-2835.	3.1	67

#	Article	IF	CITATIONS
2520	Indoor/Outdoor Air Quality Assessment at School near the Steel Plant in Taranto (Italy). Advances in Meteorology, 2017, 2017, 1-7.	1.6	16
2522	Particulate Matter and Respiratory Symptoms among Adults Living in Windhoek, Namibia: A Cross Sectional Descriptive Study. International Journal of Environmental Research and Public Health, 2017, 14, 110.	2.6	15
2523	Historical Trends in PM <sub>2.5</sub> -Related Premature Mortality during 1990–2010 across the Northern Hemisphere. Environmental Health Perspectives, 2017, 125, 400-408.	6.0	80
2524	The Effect of Pollution on Migration: Evidence from China. SSRN Electronic Journal, 0, , .	0.4	1
2525	Effects of synoptic circulation patterns on air quality in Nanjing and its surrounding areas during 2013–2015. Atmospheric Pollution Research, 2018, 9, 723-734.	3.8	19
2526	Isolating the Meteorological Impact of 21st Century GHG Warming on the Removal and Atmospheric Loading of Anthropogenic Fine Particulate Matter Pollution at Global Scale. Earth's Future, 2018, 6, 428-440.	6.3	28
2527	Triboelectric nanogenerator enhanced multilayered antibacterial nanofiber air filters for efficient removal of ultrafine particulate matter. Nano Research, 2018, 11, 4090-4101.	10.4	74
2528	A silk fibroin based green nano-filter for air filtration. RSC Advances, 2018, 8, 8181-8189.	3.6	46
2529	Quantifying particulate matter accumulated on leaves by 17 species of urban trees in Beijing, China. Environmental Science and Pollution Research, 2018, 25, 12545-12556.	5.3	58
2530	Use of a gas chromatography–mass spectrometry organic aerosol monitor for in-field detection of fine particulate organic compounds in source apportionment. Journal of the Air and Waste Management Association, 2018, 68, 390-402.	1.9	10
2531	Distribution, geochemistry, and mineralogy of aerosols in the Angouran Mine area, northwest Iran. Environmental Geochemistry and Health, 2018, 40, 2087-2100.	3.4	2
2532	Air quality management in the Pacific Islands: A review of past performance and implications for future directions. Environmental Science and Policy, 2018, 84, 26-33.	4.9	10
2533	Ambient aerosol composition by infrared spectroscopy and partial least squares in the chemical speciation network: Multilevel modeling for elemental carbon. Aerosol Science and Technology, 2018, 52, 642-654.	3.1	5
2534	Reduction of atmospheric fine particle level by restricting the idling vehicles around a sensitive area. Journal of the Air and Waste Management Association, 2018, 68, 656-670.	1.9	14
2535	Indoor air pollution from biomass cookstoves in rural Senegal. Energy for Sustainable Development, 2018, 43, 224-234.	4.5	63
2536	Disparities in Distribution of Particulate Matter Emission Sources by Race and Poverty Status. American Journal of Public Health, 2018, 108, 480-485.	2.7	238
2537	Air Pollution and Elderly. , 2018, , 187-214.		1
2538	Physical and Chemical Properties of Airborne Particulate Matter. , 2018, , 7-32.		3

#	Article	IF	CITATIONS
2539	Impact of Particulate Air Pollution on Cardiovascular Health. Current Allergy and Asthma Reports, 2018, 18, 15.	5.3	80
2540	Personal exposure to fine particles (PM2.5) and respiratory inflammation of common residents in Hong Kong. Environmental Research, 2018, 164, 24-31.	7.5	51
2541	Airborne contaminants during controlled residential fires. Journal of Occupational and Environmental Hygiene, 2018, 15, 399-412.	1.0	61
2542	Maternal exposure to PM2.5 in south Texas, a pilot study. Science of the Total Environment, 2018, 628-629, 1497-1507.	8.0	25
2543	Triboelectric nanogenerator as a new technology for effective PM2.5 removing with zero ozone emission. Progress in Natural Science: Materials International, 2018, 28, 99-112.	4.4	37
2544	Nitric Acid–Amine Chemistry in the Gas Phase and at the Air–Water Interface. Journal of the American Chemical Society, 2018, 140, 6456-6466.	13.7	51
2545	Deriving fuel-based emission factor thresholds to interpret heavy-duty vehicle roadside plume measurements. Journal of the Air and Waste Management Association, 2018, 68, 969-987.	1.9	11
2546	Secondary organic aerosol formation from ambient air in an oxidation flow reactor in central Amazonia. Atmospheric Chemistry and Physics, 2018, 18, 467-493.	4.9	63
2547	Highâ€Temperature Particulate Matter Filtration with Resilient Yttriaâ€Stabilized ZrO <sub>2</sub> Nanofiber Sponge. Small, 2018, 14, e1800258.	10.0	87
2548	Seasonal trends in the composition and sources of PM2.5 and carbonaceous aerosol in Tehran, Iran. Environmental Pollution, 2018, 239, 69-81.	7.5	52
2549	Using a gradient boosting model to improve the performance of low-cost aerosol monitors in a dense, heterogeneous urban environment. Atmospheric Environment, 2018, 184, 9-16.	4.1	45
2550	MiRâ€146a regulates PM <sub>1</sub> â€induced inflammation via NFâ€̂PB signaling pathway in BEASâ€2B cells. Environmental Toxicology, 2018, 33, 743-751.	4.0	33
2551	Long-term observations of the background aerosol at Cabauw, The Netherlands. Science of the Total Environment, 2018, 625, 752-761.	8.0	6
2552	Ambient coarse particulate pollution and mortality in three Chinese cities: Association and attributable mortality burden. Science of the Total Environment, 2018, 628-629, 1037-1042.	8.0	31
2553	Fine particulate air pollution associated with increased risk of hospital admissions for hypertension in a tropical city, Kaohsiung, Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 567-575.	2.3	23
2554	Respiratory Health of School Children in Relation to Their Body Mass Index (BMI) During Crop Residue Burning Events in North Western India. Mapan - Journal of Metrology Society of India, 2018, 33, 113-122.	1.5	9
2555	Bioinspired Ultralight Inorganic Aerogel for Highly Efficient Air Filtration and Oil–Water Separation. ACS Applied Materials & Interfaces, 2018, 10, 13019-13027.	8.0	112
2556	Predicting daily PM2.5 concentrations in Texas using high-resolution satellite aerosol optical depth. Science of the Total Environment, 2018, 631-632, 904-911.	8.0	36

#	Article	IF	CITATIONS
2557	Online Chemical Characterization of Food-Cooking Organic Aerosols: Implications for Source Apportionment. Environmental Science & amp; Technology, 2018, 52, 5308-5318.	10.0	76
2558	Maternal exposure to particulate matter alters early post-natal lung function and immune cell development. Environmental Research, 2018, 164, 625-635.	7.5	13
2559	A functional data analysis of spatiotemporal trends and variation in fine particulate matter. Atmospheric Environment, 2018, 184, 233-243.	4.1	8
2560	Gene expression profiling in healthy newborns from diverse localities of the Czech Republic. Environmental and Molecular Mutagenesis, 2018, 59, 401-415.	2.2	8
2561	Long-term exposure to airborne particulate matter and NO 2 and prevalent and incident metabolic syndrome – Results from the Heinz Nixdorf Recall Study. Environment International, 2018, 116, 74-82.	10.0	31
2562	Satellite-based high-resolution PM2.5 estimation over the Beijing-Tianjin-Hebei region of China using an improved geographically and temporally weighted regression model. Environmental Pollution, 2018, 236, 1027-1037.	7.5	110
2563	Cross-comparison and evaluation of air pollution field estimation methods. Atmospheric Environment, 2018, 179, 49-60.	4.1	50
2564	Statistical analysis of dispersal and deposition patterns of volcanic emissions from Mt. Sakurajima, Japan. Atmospheric Environment, 2018, 179, 305-320.	4.1	21
2565	Comparison of atmospheric polycyclic aromatic hydrocarbon levels in three urban areas in Lebanon. Atmospheric Environment, 2018, 179, 260-267.	4.1	22
2566	Low hygroscopicity of ambient fresh carbonaceous aerosols from pyrotechnics smoke. Atmospheric Environment, 2018, 178, 101-108.	4.1	15
2567	Multi-elemental analysis of particulate matter samples collected by a particle-into-liquid sampler. Atmospheric Pollution Research, 2018, 9, 747-754.	3.8	14
2568	Washable Multilayer Triboelectric Air Filter for Efficient Particulate Matter PM <sub>2.5</sub> Removal. Advanced Functional Materials, 2018, 28, 1706680.	14.9	216
2569	Nonparametric algorithm for identification of outliers in environmental data. Journal of Chemometrics, 2018, 32, e2997.	1.3	10
2570	Two-year continuous measurements of carbonaceous aerosols in urban Beijing, China: Temporal variations, characteristics and source analyses. Chemosphere, 2018, 200, 191-200.	8.2	48
2571	Mass accommodation coefficients of fresh and aged biomass-burning emissions. Aerosol Science and Technology, 2018, 52, 300-309.	3.1	10
2572	Randomized Trial to Reduce Air Particle Levels in Homes of Smokers and Children. American Journal of Preventive Medicine, 2018, 54, 359-367.	3.0	14
2573	Design and optimization of a compact low-cost optical particle sizer. Journal of Aerosol Science, 2018, 119, 1-12.	3.8	23
2574	Investigating mitochondrial dysfunction in human lung cells exposed to redox-active PM components. Toxicology and Applied Pharmacology, 2018, 342, 99-107.	2.8	26

#	Article	IF	CITATIONS
2575	Mapping nighttime PM2.5 from VIIRS DNB using a linear mixed-effect model. Atmospheric Environment, 2018, 178, 214-222.	4.1	43
2576	Nanofibrous membrane of graphene oxide-in-polyacrylonitrile composite with low filtration resistance for the effective capture of PM2.5. Journal of Membrane Science, 2018, 551, 85-92.	8.2	97
2577	Ambient PM2.5 exposure and expected premature mortality to 2100 in India under climate change scenarios. Nature Communications, 2018, 9, 318.	12.8	142
2578	Physico-Chemical Characterization of Fine and Ultrafine Particles Emitted during Diesel Particulate Filter Active Regeneration of Euro5 Diesel Vehicles. Environmental Science & Technology, 2018, 52, 3312-3319.	10.0	34
2579	Automotive brake wear: a review. Environmental Science and Pollution Research, 2018, 25, 174-180.	5.3	41
2580	Oxidative potential of ambient fine aerosol over a semi-urban site in the Indo-Gangetic Plain. Atmospheric Environment, 2018, 175, 127-134.	4.1	57
2581	Predicting the minimum height of forest fire smoke within the atmosphere using machine learning and data from the CALIPSO satellite. Remote Sensing of Environment, 2018, 206, 98-106.	11.0	50
2582	Particle size distribution and respiratory deposition estimates of airborne perfluoroalkyl acids during the haze period in the megacity of Shanghai. Environmental Pollution, 2018, 234, 9-19.	7.5	33
2583	Variation of particle number and mass concentration and associated mass deposition during Diwali festival. Urban Climate, 2018, 24, 1027-1036.	5.7	24
2584	Characteristics of indoor/outdoor PM 2.5 and related carbonaceous species in a typical severely cold city in China during heating season. Building and Environment, 2018, 129, 54-64.	6.9	28
2585	The January 2013 Beijing "Airpocalypse―and its acute effects on emergency and outpatient visits at a Beijing hospital. Air Quality, Atmosphere and Health, 2018, 11, 301-309.	3.3	14
2586	Variability of PM10 in industrialized-urban areas. New coefficients to establish significant differences between sampling points. Environmental Pollution, 2018, 234, 969-978.	7.5	13
2587	Bus fleet emissions: new strategies for mitigation by adopting natural gas. Mitigation and Adaptation Strategies for Global Change, 2018, 23, 1039-1062.	2.1	4
2588	Detection of aerosol pollution sources during sandstorms in Northwestern China using remote sensed and model simulated data. Advances in Space Research, 2018, 61, 1035-1046.	2.6	19
2589	Air pollution exposure during pregnancy and ultrasound and birth measures of fetal growth: A prospective cohort study in Korea. Science of the Total Environment, 2018, 619-620, 834-841.	8.0	33
2590	Genotoxic effects of daily personal exposure to particle mass and number concentrations on buccal cells. Atmospheric Environment, 2018, 176, 148-157.	4.1	8
2591	Satellite-based mapping of daily high-resolution ground PM2.5 in China via space-time regression modeling. Remote Sensing of Environment, 2018, 206, 72-83.	11.0	251
2592	Chemical characterization and quantitativ e assessment of source-specific health risk of trace metals in PM1.0 at a road site of Delhi, India. Environmental Science and Pollution Research, 2018, 25, 8747-8764.	5.3	58

#	Article	IF	CITATIONS
2593	Seasonal variability and source distribution of haze particles from a continuous one-year study in Beijing. Atmospheric Pollution Research, 2018, 9, 627-633.	3.8	14
2594	Health effect of mixtures of ozone, nitrogen dioxide, and fine particulates in 85 US counties. Air Quality, Atmosphere and Health, 2018, 11, 311-324.	3.3	23
2595	Influences of socioeconomic vulnerability and intra-urban air pollution exposure on short-term mortality during extreme dust events. Environmental Pollution, 2018, 235, 155-162.	7.5	43
2596	Aqueous and organic extract of PM2.5 collected in different seasons and cities of Japan differently affect respiratory and immune systems. Environmental Pollution, 2018, 235, 223-234.	7.5	38
2597	Gasoline direct injection engine soot oxidation: Fundamentals and determination of kinetic parameters. Combustion and Flame, 2018, 190, 177-187.	5.2	29
2598	Aerosol particles during the Innsbruck Air Quality Study (INNAQS): Fluxes of nucleation to accumulation mode particles in relation to selective urban tracers. Atmospheric Environment, 2018, 190, 376-388.	4.1	19
2599	Pilot study of the vertical variations in outdoor pollutant concentrations and environmental conditions along the height of a tall building. Building and Environment, 2018, 138, 124-134.	6.9	23
2600	Ubiquitous influence of wildfire emissions and secondary organic aerosol on summertime atmospheric aerosol in the forested Great Lakes region. Atmospheric Chemistry and Physics, 2018, 18, 3701-3715.	4.9	44
2601	Ozonolysis of <i>α</i> -phellandrene – PartÂ2: Compositional analysis of secondary organic aerosol highlights the role of stabilised Criegee intermediates. Atmospheric Chemistry and Physics, 2018, 18, 4673-4693.	4.9	11
2602	Lung cancer risk assessment due to traffic-generated particles exposure in urban street canyons: A numerical modelling approach. Science of the Total Environment, 2018, 631-632, 1109-1116.	8.0	54
2603	Ambient air quality and exposure assessment study of the Gulf Cooperation Council countries: A critical review. Science of the Total Environment, 2018, 636, 437-448.	8.0	44
2604	A machine learning method to estimate PM2.5 concentrations across China with remote sensing, meteorological and land use information. Science of the Total Environment, 2018, 636, 52-60.	8.0	406
	A pilot study of gaseous pollutants' measurement (NO <sub>2</sub> ,) Tj ETQq0 0	0 rgBT /O	verlock 10 T
2605	Abidjan,ÂCôte d'Ivoire:Âcontribution to an overviewÂof gaseous pollution in African cities. Atmospheric Chemistry and Physics, 2018, 18, 5173-5198	4.9	49
2606	Atmospheric new particle formation at the research station Melpitz, Germany: connection with gaseous precursors and meteorological parameters. Atmospheric Chemistry and Physics, 2018, 18, 1835-1861.	4.9	25
2607	Downwind evolution of the volatility and mixing state of near-road aerosols near aÂUS interstate highway. Atmospheric Chemistry and Physics, 2018, 18, 2139-2154.	4.9	30
2608	On the functional form of particle number size distributions: influence of particle source and meteorological variables. Atmospheric Chemistry and Physics, 2018, 18, 4831-4842.	4.9	6
2609	Identifying Policy Measures for Reducing Expected Air Pollution Across Israel and Analyzing their Expected Effects. Journal of Environmental Assessment Policy and Management, 2018, 20, 1850001.	7.9	7
2610	Association between short-term exposure to ambient air pollution and daily mortality: a time-series study in Eastern China. Environmental Science and Pollution Research, 2018, 25, 16135-16143.	5.3	14

#	Article	IF	CITATIONS
2611	Indoor/outdoor relationships, sources and cancer risk assessment of NPAHs and OPAHs in PM2.5 at urban and suburban hotels in Jinan, China. Atmospheric Environment, 2018, 182, 325-334.	4.1	17
2612	Characterization and health risk assessment of airborne pollutants in commercial restaurants in northwestern China: Under a low ventilation condition in wintertime. Science of the Total Environment, 2018, 633, 308-316.	8.0	38
2613	Transcriptional response to organic compounds from diverse gasoline and biogasoline fuel emissions in human lung cells. Toxicology in Vitro, 2018, 48, 329-341.	2.4	18
2614	Understanding the Patterns and Drivers of Air Pollution on Multiple Time Scales: The Case of Northern China. Environmental Management, 2018, 61, 1048-1061.	2.7	25
2615	Assessing and reducing fine and ultrafine particles inside Los Angeles taxis. Atmospheric Environment, 2018, 181, 155-163.	4.1	16
2616	Surface-modified polymer nanofiber membrane for high-efficiency microdust capturing. Chemical Engineering Journal, 2018, 339, 204-213.	12.7	62
2617	Summer-autumn air pollution in León, Spain: changes in aerosol size distribution and expected effects on the respiratory tract. Air Quality, Atmosphere and Health, 2018, 11, 505-520.	3.3	9
2618	End-to-end learning for image-based air quality level estimation. Machine Vision and Applications, 2018, 29, 601-615.	2.7	19
2619	Firm-local community relationships in polluting industrial agglomerations: How firms' commitment determines residents' perceptions. Journal of Cleaner Production, 2018, 186, 22-33.	9.3	15
2620	Effects of Environmental Exposures on Fetal and Childhood Growth Trajectories. Annals of Global Health, 2018, 82, 41.	2.0	116
2621	Air pollution-induced placental epigenetic alterations in early life: a candidate miRNA approach. Epigenetics, 2018, 13, 135-146.	2.7	68
2622	Electrospun nanofibre materials to filter air pollutants – A review. Journal of Industrial Textiles, 2018, 47, 2253-2280.	2.4	138
2623	Air quality inside motor vehicles' cabins: A review. Indoor and Built Environment, 2018, 27, 452-465.	2.8	80
2624	Climate change and growing megacities: hazards and vulnerability. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2018, 171, 314-326.	0.7	23
2625	Size distribution and metal composition of airborne particles in a waste management facility. Journal of Material Cycles and Waste Management, 2018, 20, 323-335.	3.0	2
2626	Semiparametric outlier detection in nonstationary times series: Case study for atmospheric pollution in Brno, Czech Republic. Atmospheric Pollution Research, 2018, 9, 27-36.	3.8	18
2627	Predicting PM10 concentration in Seoul metropolitan subway stations using artificial neural network (ANN). Journal of Hazardous Materials, 2018, 341, 75-82.	12.4	129
2628	Characterization of solid airborne particles deposited in snow in the vicinity of urban fossil fuel thermal power plant (Western Siberia). Environmental Technology (United Kingdom), 2018, 39, 2288-2303.	2.2	17
#	Article	IF	CITATIONS
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2629	Air pollution and defensive expenditures: Evidence from particulate-filtering facemasks. Journal of Environmental Economics and Management, 2018, 92, 517-536.	4.7	232
2630	Quantifying decade-long effects of fuel and traffic regulations on urban ambient PM 2.5 pollution in a mid-size South American city. Atmospheric Pollution Research, 2018, 9, 66-75.	3.8	35
2631	Particulate matter air pollution, physical activity and systemic inflammation in Taiwanese adults. International Journal of Hygiene and Environmental Health, 2018, 221, 41-47.	4.3	72
2632	Nonlinear Systems and Circuits in Internal Combustion Engines. SpringerBriefs in Applied Sciences and Technology, 2018, , .	0.4	2
2633	Particle-related exposure, dose and lung cancer risk of primary school children in two European countries. Science of the Total Environment, 2018, 616-617, 720-729.	8.0	47
2634	A review on nanoparticle dispersion from vehicular exhaust: Assessment of Indian urban environment. Atmospheric Pollution Research, 2018, 9, 342-357.	3.8	10
2635	Unraveling mechanisms of toxicant-induced oxidative stress in cardiovascular disease. Current Opinion in Toxicology, 2018, 7, 1-8.	5.0	5
2636	Factors affecting variability in PM2.5 exposure concentrations in a metro system. Environmental Research, 2018, 160, 20-26.	7.5	28
2637	Mass spectral chemical fingerprints reveal the molecular dependence of exhaust particulate matters on engine speeds. Journal of Environmental Sciences, 2018, 67, 287-293.	6.1	4
2638	Assessment of annual air pollution levels with PM1, PM2.5, PM10 and associated heavy metals in Algiers, Algeria. Environmental Pollution, 2018, 232, 252-263.	7.5	123
2639	Alternate approaches for assessing impacts of oil sands development on air quality: A case study using the First Nation Community of Fort McKay. Journal of the Air and Waste Management Association, 2018, 68, 308-328.	1.9	19
2640	Buses retrofitting with diesel particle filters: Real-world fuel economy and roadworthiness test considerations. Journal of Environmental Sciences, 2018, 67, 273-286.	6.1	28
2641	Air Pollution, Climate Change, and Human Health in Brazil. Springer Climate, 2018, , 375-403.	0.6	3
2642	Land use regression models for the oxidative potential of fine particles (PM 2.5 ) in five European areas. Environmental Research, 2018, 160, 247-255.	7.5	35
2643	Ambient black carbon particulate matter in the coal region of Dhanbad, India. Science of the Total Environment, 2018, 615, 955-963.	8.0	20
2644	Performance of New and Artificially Aged Electret Filters in Indoor Air Cleaners. Chemical Engineering and Technology, 2018, 41, 27-34.	1.5	20
2645	Reducing mortality risk by targeting specific air pollution sources: Suva, Fiji. Science of the Total Environment, 2018, 612, 450-461.	8.0	20
2646	Characteristics of air pollution in different zones of Sichuan Basin, China. Science of the Total Environment, 2018, 612, 975-984.	8.0	137

#	Article	IF	CITATIONS
2647	Particle deposition in tracheobronchial airways of an infant, child and adult. Science of the Total Environment, 2018, 612, 339-346.	8.0	80
2648	Estimating premature mortality attributable to PM2.5 exposure and benefit of air pollution control policies in China for 2020. Science of the Total Environment, 2018, 612, 683-693.	8.0	182
2649	Water-soluble inorganic ions of size-differentiated atmospheric particles from a suburban site of Mexico City. Journal of Atmospheric Chemistry, 2018, 75, 155-169.	3.2	6
2650	The influence of lifestyle on airborne particle surface area doses received by different Western populations. Environmental Pollution, 2018, 232, 113-122.	7.5	23
2651	Characterization of PM2.5 and identification of transported secondary and biomass burning contribution in Seoul, Korea. Environmental Science and Pollution Research, 2018, 25, 4330-4343.	5.3	56
2652	Study of Environmental Particle Levels, Its Effects on Lung Deposition and Relationship With Human Behaviour. Energy, Environment, and Sustainability, 2018, , 77-91.	1.0	6
2653	Air pollution and environmental injustice: Are the socially deprived exposed to more PM2.5 pollution in Hong Kong?. Environmental Science and Policy, 2018, 80, 53-61.	4.9	47
2654	Association between short- and medium-term air pollution exposure and risk of mortality after intravenous thrombolysis for stroke. Journal of Thrombosis and Thrombolysis, 2018, 45, 293-299.	2.1	4
2655	Urban Organic Aerosol Exposure: Spatial Variations in Composition and Source Impacts. Environmental Science & Technology, 2018, 52, 415-426.	10.0	25
2656	The reduction of summer sulfate and switch from summertime to wintertime PM2.5 concentration maxima in the United States. Atmospheric Environment, 2018, 175, 25-32.	4.1	34
2657	Estimation of residential fine particulate matter infiltration in Shanghai, China. Environmental Pollution, 2018, 233, 494-500.	7.5	40
2658	Comparison of gaseous and particulate emissions from a pilot-scale combustor using three varieties of coal. Fuel, 2018, 215, 572-579.	6.4	3
2659	Lipopolysaccharide levels adherent to PM2.5 play an important role in particulate matter inducedâ€immunosuppressive effects in mouse splenocytes. Journal of Applied Toxicology, 2018, 38, 471-479.	2.8	10
2660	Impacts of Future European Emission Reductions on Aerosol Particle Number Concentrations Accounting for Effects of Ammonia, Amines, and Organic Species. Environmental Science & Technology, 2018, 52, 692-700.	10.0	17
2661	Impacts of sea-land and mountain-valley circulations on the air pollution in Beijing-Tianjin-Hebei (BTH): A case study. Environmental Pollution, 2018, 234, 429-438.	7.5	88
2662	A county-level estimate of PM 2.5 related chronic mortality risk in China based on multi-model exposure data. Environment International, 2018, 110, 105-112.	10.0	113
2663	Association of PM2.5 with sleep-disordered breathing from a population-based study in Northern Taiwan urban areas. Environmental Pollution, 2018, 233, 109-113.	7.5	78
2664	Using cell phone location to assess misclassification errors in air pollution exposure estimation. Environmental Pollution, 2018, 233, 261-266.	7.5	54

#	Article	IF	CITATIONS
2666	Fine particulate air pollution and hospital admissions and readmissions for acute myocardial infarction in 26 Chinese cities. Chemosphere, 2018, 192, 282-288.	8.2	40
2667	Sensitive detection of sulfate in PM2.5 via gold nanoparticles/poly-l-lysine/graphene composite film based arylsulfatase-inhibition biosensor. Sensors and Actuators B: Chemical, 2018, 257, 478-487.	7.8	0
2668	The Value of Air Quality in Chinese Cities: Evidence from Labor and Property Market Outcomes. Environmental and Resource Economics, 2018, 71, 849-874.	3.2	21
2669	Short-term exposures to PM2.5 and cause-specific mortality of cardiovascular health in China. Environmental Research, 2018, 161, 188-194.	7.5	86
2670	Feasibility of coupling a thermal/optical carbon analyzer to a quadrupole mass spectrometer for enhanced PM2.5 speciation. Journal of the Air and Waste Management Association, 2018, 68, 463-476.	1.9	5
2671	Characterizing isotopic compositions of TC-C, NO3â^'-N, and NH4+-N in PM2.5 in South Korea: Impact of China's winter heating. Environmental Pollution, 2018, 233, 735-744.	7.5	59
2672	A multidimensional comparison between MODIS and VIIRS AOD in estimating ground-level PM2.5 concentrations over a heavily polluted region in China. Science of the Total Environment, 2018, 618, 819-828.	8.0	54
2673	On-board measurements of particle and gaseous emissions from a large cargo vessel at different operating conditions. Environmental Pollution, 2018, 237, 832-841.	7.5	55
2674	Source apportionment of secondary organic aerosol in China using a regional source-oriented chemical transport model and two emission inventories. Environmental Pollution, 2018, 237, 756-766.	7.5	57
2675	Applications of Geochemistry to Medical Geology. , 2018, , 435-465.		7
2676	Quantifying the climate impact of emissions from land-based transport in Germany. Transportation Research, Part D: Transport and Environment, 2018, 65, 825-845.	6.8	12
2677	Possible Mediation by Methylation in Acute Inflammation Following Personal Exposure to Fine Particulate Air Pollution. American Journal of Epidemiology, 2018, 187, 484-493.	3.4	48
2678	Survival Analysis with Functions of Mismeasured Covariate Histories: The Case of Chronic Air Pollution Exposure in Relation to Mortality in the Nurses' Health Study. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 307-327.	1.0	5
2679	Future Fire Impacts on Smoke Concentrations, Visibility, and Health in the Contiguous United States. GeoHealth, 2018, 2, 229-247.	4.0	176
2680	A Study on Elevated Concentrations of Submicrometer Particles in an Urban Atmosphere. Atmosphere, 2018, 9, 393.	2.3	4
2682	Aerosol optical properties derived from POLDER-3/PARASOL (2005–2013) over the western Mediterranean Sea – PartÂ1: Quality assessment with AERONET and in situ airborne observations. Atmospheric Measurement Techniques, 2018, 11, 6761-6784.	3.1	20
2683	Variations in FINN Emissions of Particulate Matters and Associated Carbonaceous Aerosols from Remote Sensing of Open Biomass Burning over Northeast China during 2002–2016. Sustainability, 2018, 10, 3353.	3.2	9
2684	Validation and Comparison of MODIS C6.1 and C6 Aerosol Products over Beijing, China. Remote Sensing, 2018, 10, 2021.	4.0	35

#	Article	IF	CITATIONS
2685	Size-resolved characteristics of inorganic ionic species in atmospheric aerosols at a regional background site on the South African Highveld. Journal of Atmospheric Chemistry, 2018, 75, 285-304.	3.2	5
2686	On the Security and Data Integrity of Low-Cost Sensor Networks for Air Quality Monitoring. Sensors, 2018, 18, 4451.	3.8	20
2687	Transboundary Air Pollution in South Korea: An Analysis of Media Frames and Public Attitudes and Behavior. East Asian Community Review, 2018, 1, 107-126.	0.3	10
2688	The <i>MJA–Lancet</i> Countdown on health and climate change: Australian policy inaction threatens lives. Medical Journal of Australia, 2018, 209, 474-474.	1.7	49
2689	Responses of healthy young males to fine-particle exposure are modified by exercise habits: a panel study. Environmental Health, 2018, 17, 88.	4.0	26
2690	A Bayesian LSTM Model to Evaluate the Effects of Air Pollution Control Regulations in China. , 2018, , .		6
2691	Frequency of heavy vehicle traffic and association with DNA methylation at age 18 years in a subset of the Isle of Wight birth cohort. Environmental Epigenetics, 2018, 4, dvy028.	1.8	4
2692	Extensible Database of Validated Biomass Smoke Events for Health Research. Fire, 2018, 1, 50.	2.8	3
2693	Modelling Coarse Particulate Matter PM10 Concentration in the Tricity Area Using GIS. , 2018, , .		0
2694	Understanding interactions of organic nitrates with the surface and bulk of organic films: implications for particle growth in the atmosphere. Environmental Sciences: Processes and Impacts, 2018, 20, 1593-1610.	3.5	12
2695	Estimation of High-Resolution Daily Ground-Level PM2.5 Concentration in Beijing 2013–2017 Using 1 km MAIAC AOT Data. Applied Sciences (Switzerland), 2018, 8, 2624.	2.5	14
2696	Ambient Particulate Matter Size Distributions Drive Regional and Global Variability in Particle Deposition in the Respiratory Tract. GeoHealth, 2018, 2, 298-312.	4.0	36
2697	Mapping Speciated Ambient Particulate Matter Concentrations with the Multi-Angle Imager for Aerosols (MAIA). , 2018, , .		0
2698	Steady-state Characterization of Particle Number Emissions from a Heavy-Duty Euro VI Engine Fueled with Compressed Natural Gas. Energy Procedia, 2018, 148, 671-678.	1.8	19
2700	Experimental and modeling assessment of a novel automotive cabin PM <sub>2.5</sub> removal system. Aerosol Science and Technology, 2018, 52, 1249-1265.	3.1	7
2701	Ventilation and Air Quality in City Blocks Using Large-Eddy Simulation—Urban Planning Perspective. Atmosphere, 2018, 9, 65.	2.3	73
2702	Improved real-time bio-aerosol classification using artificial neural networks. Atmospheric Measurement Techniques, 2018, 11, 6259-6270.	3.1	12
2703	Changing places to study short-term effects of air pollution on cardiovascular health: a panel study. Environmental Health, 2018, 17, 80.	4.0	19

#	Article	IF	CITATIONS
2704	Tropospheric NO <sub>2</sub> , SO <sub>2</sub> , and HCHO over the East China Sea, using ship-based MAX-DOAS observations and comparison with OMI and OMPS satellite data. Atmospheric Chemistry and Physics, 2018, 18, 15387-15402.	4.9	49
2705	An Evaluation of MODIS-Retrieved Aerosol Optical Depth over AERONET Sites in Alaska. Remote Sensing, 2018, 10, 1384.	4.0	12
2706	On the Effective Density of Soot Particles in Premixed Ethylene Flames. Combustion and Flame, 2018, 198, 428-435.	5.2	21
2707	Space-time trends of PM2.5 constituents in the conterminous United States estimated by a machine learning approach, 2005–2015. Environment International, 2018, 121, 1137-1147.	10.0	55
2708	Possible Relationship of Weakened Aleutian Low with Air Quality Improvement in Seoul, South Korea. Journal of Applied Meteorology and Climatology, 2018, 57, 2363-2373.	1.5	16
2709	The Association between Respiratory Infection and Air Pollution in the Setting of Air Quality Policy and Economic Change. Annals of the American Thoracic Society, 2019, 16, 321-330.	3.2	77
2710	Cost-benefit analysis of implementing policy measures for reducing PM and O <sub>3</sub> concentrations: the case of Israel. International Journal of Sustainable Development and World Ecology, 2018, 25, 683-695.	5.9	5
2711	Diminishing clear winter skies in Beijing towards a possible future. Environmental Research Letters, 2018, 13, 124029.	5.2	15
2712	Optimal Kernel Classifier in Mobile Robots for Determining Gases Type. , 2018, , .		0
2713	Exposure to ambient particulate matter induces oxidative stress in lung and aorta in a size- and time-dependent manner in rats. Toxicology Research and Application, 2018, 2, 239784731879485.	0.6	16
2714	WRF-Chem modeling of particulate matter in the Yangtze River Delta region: Source apportionment and its sensitivity to emission changes. PLoS ONE, 2018, 13, e0208944.	2.5	17
2715	Reducing Air Pollution in West Africa through Participatory Activities: Issues, Challenges and Conditions for Citizens' Genuine Engagement. , 2018, , 1-18.		1
2716	Air Pollution Cardiovascular Disease. , 2018, , 480-513.		2
2717	The pulmonary and autonomic effects of high-intensity and low-intensity exercise in diesel exhaust. Environmental Health, 2018, 17, 87.	4.0	40
2718	Elucidating real-world vehicle emission factors from mobile measurements over a large metropolitan region: a focus on isocyanic acid, hydrogen cyanide, and black carbon. Atmospheric Chemistry and Physics, 2018, 18, 16979-17001.	4.9	24
2719	The sensitivity of satellite-based PM2.5 estimates to its inputs: Implications to model development in data-poor regions. Environment International, 2018, 121, 550-560.	10.0	26
2720	Nanoporous PLA/(Chitosan Nanoparticle) Composite Fibrous Membranes with Excellent Air Filtration and Antibacterial Performance. Polymers, 2018, 10, 1085.	4.5	60
2721	Potential of Particle Matter Dry Deposition on Green Roofs and Living Walls Vegetation for Mitigating Urban Atmospheric Pollution in Semiarid Climates. Sustainability, 2018, 10, 2431.	3.2	66

#	Article	IF	CITATIONS
2722	Neighborhood and social environmental influences on child chronic disease prevalence. Population and Environment, 2018, 40, 93-114.	3.0	6
2723	Unraveling the relationships between boundary layer height and PM2.5 pollution in China based on four-year radiosonde measurements. Environmental Pollution, 2018, 243, 1186-1195.	7.5	89
2724	Spatial–seasonal characteristics and critical impact factors of PM2.5 concentration in the Beijing–Tianjin–Hebei urban agglomeration. PLoS ONE, 2018, 13, e0201364.	2.5	41
2725	Enhancement of PM <sub>2.5</sub> Cyclone Separation by Droplet Capture and Particle Sorting. Environmental Science & Technology, 2018, 52, 11652-11659.	10.0	3
2726	Negative Air Ions and Their Effects on Human Health and Air Quality Improvement. International Journal of Molecular Sciences, 2018, 19, 2966.	4.1	123
2727	Effects of particulate matter (PM2.5) and associated acidity on ecosystem functioning: response of leaf litter breakdown. Environmental Science and Pollution Research, 2018, 25, 30720-30727.	5.3	21
2728	Assessment of Haze Effects in Human Lives: A Case Study of Investigation in Nanjing. Lecture Notes in Computer Science, 2018, , 83-93.	1.3	0
2729	Particulate matter air pollution and respiratory impact on humans and animals. Environmental Science and Pollution Research, 2018, 25, 33901-33910.	5.3	147
2730	Air Pollution and Performance-Based Physical Functioning in Dutch Older Adults. Environmental Health Perspectives, 2018, 126, 017009.	6.0	32
2731	Association between ambient air pollution and daily hospital admissions for ischemic stroke: A nationwide time-series analysis. PLoS Medicine, 2018, 15, e1002668.	8.4	171
2732	PM2.5 induced cardiac hypertrophy via CREB/GSK3b/SOS1 pathway and metabolomics alterations. Oncotarget, 2018, 9, 30748-30760.	1.8	11
2733	Atmospheric Pollution by PM10 and O3 in the Guadalajara Metropolitan Area, Mexico. Atmosphere, 2018, 9, 243.	2.3	8
2734	Estimation of the Personal Deposited Dose of Particulate Matter and Particle-Bound Metals Using Data from Selected European Cities. Atmosphere, 2018, 9, 248.	2.3	13
2735	Chemical and Physical Analysis of Different Ash Fractions from Small Biomass Boilers. Chemical Engineering and Technology, 2018, 41, 2159-2167.	1.5	2
2736	Long-Term Exposure to Fine Particulate Matter, Blood Pressure, and Incident Hypertension in Taiwanese Adults. Environmental Health Perspectives, 2018, 126, 017008.	6.0	103
2737	A Bayesian Downscaler Model to Estimate Daily PM2.5 Levels in the Conterminous US. International Journal of Environmental Research and Public Health, 2018, 15, 1999.	2.6	12
2738	An omnipresent diversity and variability in the chemical composition of atmospheric functionalized organic aerosol. Communications Chemistry, 2018, 1, .	4.5	25
2739	Estimating Acute Cardiovascular Effects of Ambient PM2.5 Metals. Environmental Health Perspectives, 2018, 126, 027007.	6.0	53

#	Article	IF	CITATIONS
2740	Monitoring Impacts of Urbanisation and Industrialisation on Air Quality in the Anthropocene Using Urban Pond Sediments. Frontiers in Earth Science, 2018, 6, .	1.8	48
2741	Satellite-Based Estimation of Hourly PM2.5 Concentrations Using a Vertical-Humidity Correction Method from Himawari-AOD in Hebei. Sensors, 2018, 18, 3456.	3.8	23
2742	Size-resolved online chemical analysis of nanoaerosol particles: a thermal desorption differential mobility analyzer coupled to a chemical ionization time-of-flight mass spectrometer. Atmospheric Measurement Techniques, 2018, 11, 5489-5506.	3.1	16
2743	Using smartphone technology to reduce health impacts from atmospheric environmental hazards. Environmental Research Letters, 2018, 13, 044019.	5.2	40
2744	Genotoxic and epigenotoxic effects in mice exposed to concentrated ambient fine particulate matter (PM2.5) from São Paulo city, Brazil. Particle and Fibre Toxicology, 2018, 15, 40.	6.2	52
2745	Multi-year statistical and modeling analysis of submicrometer aerosol number size distributions at a rain forest site in Amazonia. Atmospheric Chemistry and Physics, 2018, 18, 10255-10274.	4.9	26
2746	Oxidative potential of fine ambient particles in various environments. Environmental Pollution, 2018, 243, 1679-1688.	7.5	45
2747	Effect of Lubricant Oil on Particle Emissions from a Gasoline Direct Injection Light-Duty Vehicle. , 0, , .		9
2748	Retrieval of Atmospheric Fine Particulate Density Based on Merging Particle Size Distribution Measurements: Multiâ€instrument Observation and Quality Control at Shouxian. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,474.	3.3	8
2749	Influence of intense secondary aerosol formation and long-range transport on aerosol chemistry and properties in the Seoul Metropolitan Area during spring time: results from KORUS-AQ. Atmospheric Chemistry and Physics, 2018, 18, 7149-7168.	4.9	105
2750	Influence of the vapor wall loss on the degradation rate constants in chamber experiments of levoglucosan and other biomass burning markers. Atmospheric Chemistry and Physics, 2018, 18, 10915-10930.	4.9	19
2751	The position paper of the Polish Society of Allergology on climate changes, natural disasters and allergy and asthma. Postepy Dermatologii I Alergologii, 2018, 35, 552-562.	0.9	3
2752	Measurements of Pressure Effects on PAH Distribution and 2D Soot Volume Fraction Diagnostics in a Laminar Non-premixed Coflow Flame. Energy & Fuels, 2018, 32, 10974-10983.	5.1	20
2753	Epidemiology: a foundation of environmental decision making. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 515-521.	3.9	7
2754	Use of networks of low cost air quality sensors to quantify air quality in urban settings. Atmospheric Environment, 2018, 194, 58-70.	4.1	121
2755	Personal Exposure to PM <sub>2.5</sub> Black Carbon and Aerosol Oxidative Potential using an Automated Microenvironmental Aerosol Sampler (AMAS). Environmental Science & Technology, 2018, 52, 11267-11275.	10.0	21
2756	An Adaptive Green Zone Strategy for Hybrid Electric Vehicle Control. , 2018, , .		0
2757	Responses of secondary aerosols to relative humidity and photochemical activities in an industrialized environment during late winter. Atmospheric Environment, 2018, 193, 66-78	4.1	49

#	Article	IF	CITATIONS
2758	Advances in offline approaches for chemically speciated measurements of trace gas-phase organic compounds via adsorbent tubes in an integrated sampling-to-analysis system. Journal of Chromatography A, 2018, 1575, 80-90.	3.7	24
2759	Extreme air pollution from residential solid fuel burning. Nature Sustainability, 2018, 1, 512-517.	23.7	59
2760	Particle Pollution Estimation from Images Using Convolutional Neural Network and Weather Features. , 2018, , .		19
2761	Role of anthropogenic emissions and meteorology on ultrafine particle bursts over a high altitude site in Western Chats during pre-monsoon. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 179, 378-388.	1.6	10
2762	Relationship Between MODIS-based Aerosol Optical Depth and PM10 over Sumatra to Overcome the Limitations of Air Quality Monitoring Data Availability. Oriental Journal of Chemistry, 2018, 34, 2163-2169.	0.3	3
2763	Cloud droplet activation of black carbon particles coated with organic compounds of varying solubility. Atmospheric Chemistry and Physics, 2018, 18, 12477-12489.	4.9	36
2764	Estimation of high resolution emissions from road transport sector in a megacity Delhi. Urban Climate, 2018, 26, 109-120.	5.7	32
2765	Developing a Relative Humidity Correction for Low-Cost Sensors Measuring Ambient Particulate Matter. Sensors, 2018, 18, 2790.	3.8	102
2766	Chemical characterization of PM10 samples collected simultaneously at a rural and an urban site in the Caribbean coast: Local and long-range source apportionment. Atmospheric Environment, 2018, 192, 182-192.	4.1	17
2767	The influence of three e-cigarette models on indoor fine and ultrafine particulate matter concentrations under real-world conditions. Environmental Pollution, 2018, 243, 882-889.	7.5	28
2768	Particle Disposition in the Realistic Airway Tree Models of Subjects with Tracheal Bronchus and COPD. BioMed Research International, 2018, 2018, 1-15.	1.9	8
2769	Association of Short- and Medium-Term Particulate Matter Exposure with Risk of Mortality after Spontaneous Intracerebral Hemorrhage. Journal of Stroke and Cerebrovascular Diseases, 2018, 27, 2519-2523.	1.6	4
2770	Synoptic meteorological modes of variability for fine particulate matter (PM <sub>2.5</sub> ) air quality in major metropolitan regions of China. Atmospheric Chemistry and Physics, 2018, 18, 6733-6748.	4.9	95
2771	Spatial Variability of Sources and Mixing State of Atmospheric Particles in a Metropolitan Area. Environmental Science & Technology, 2018, 52, 6807-6815.	10.0	42
2772	Wildfire smoke impacts activity and energetics of wild Bornean orangutans. Scientific Reports, 2018, 8, 7606.	3.3	21
2773	Characteristics of airborne particle number size distributions in a coastal-urban environment. Atmospheric Environment, 2018, 186, 256-265.	4.1	12
2774	Hierarchical Metal–Organic Framework-Assembled Membrane Filter for Efficient Removal of Particulate Matter. ACS Applied Materials & Interfaces, 2018, 10, 19957-19963.	8.0	74
2775	Seasonally Varying Secondary Organic Aerosol Formation From In-Situ Oxidation of Near-Highway Air. Environmental Science & Technology, 2018, 52, 7192-7202.	10.0	31

#	Article	IF	Citations
2776	Knocking behavior and emission characteristics of a port fuel injected hydrogen enriched compressed natural gas fueled spark ignition engine. Applied Thermal Engineering, 2018, 141, 42-50.	6.0	48
2777	The association between short and long-term exposure to PM2.5 and temperature and hospital admissions in New England and the synergistic effect of the short-term exposures. Science of the Total Environment, 2018, 639, 868-875.	8.0	72
2778	Community-Based Undergraduate Research: Measurement of Hazardous Air Pollutants with Regard to Environmental Justice. ACS Symposium Series, 2018, , 21-47.	0.5	3
2779	The heterogeneous effect of democracy, political globalization, and urbanization on PM2.5 concentrations in G20 countries: Evidence from panel quantile regression. Journal of Cleaner Production, 2018, 194, 54-68.	9.3	104
2780	Air pollutant sinks on noise barriers: Where do they perform the best?. Atmospheric Environment, 2018, 187, 144-154.	4.1	7
2781	Urbanization Effect on Winter Haze in the Yangtze River Delta Region of China. Geophysical Research Letters, 2018, 45, 6710-6718.	4.0	37
2782	Improved source apportionment of organic aerosols in complex urban air pollution using the multilinear engine (ME-2). Atmospheric Measurement Techniques, 2018, 11, 1049-1060.	3.1	28
2783	Sources and physicochemical characteristics of submicron aerosols during three intensive campaigns in Granada (Spain). Atmospheric Research, 2018, 213, 398-410.	4.1	12
2784	Comparative major components and health risks of toxic elements and polycyclic aromatic hydrocarbons of PM2.5 in winter and summer in Zhengzhou: Based on three-year data. Atmospheric Research, 2018, 213, 173-184.	4.1	43
2785	Evaluation of different discharging methods on HVAC electret filter media. Building and Environment, 2018, 141, 206-214.	6.9	28
2786	Analysis of air pollution over Hanoi, Vietnam using multi-satellite and MERRA reanalysis datasets. PLoS ONE, 2018, 13, e0196629.	2.5	75
2787	A study on air pollution concentration at Desa parkcity construction site. Journal of Fundamental and Applied Sciences, 2018, 9, 587.	0.2	1
2788	Association of air quality with respiratory and cardiovascular morbidity rate in Delhi, India. International Journal of Environmental Health Research, 2018, 28, 471-490.	2.7	43
2789	Hazardous Gas Emission Monitoring Based on High-Resolution Images. Journal of Spectroscopy, 2018, 2018, 1-7.	1.3	0
2790	Spring-time PM2.5 elemental analysis and polycyclic aromatic hydrocarbons measurement in High-rise residential buildings in Chongqing and Xian, China. Energy and Buildings, 2018, 173, 623-633.	6.7	10
2791	Aerosol mixing state matters for particles deposition in human respiratory system. Scientific Reports, 2018, 8, 8864.	3.3	45
2792	Soot and the city: Evaluating the impacts of Clean Heat policies on indoor/outdoor air quality in New York City apartments. PLoS ONE, 2018, 13, e0199783.	2.5	4
2793	Spatial distribution of wintertime air pollution in major cities over eastern China: Relationship with the evolution of trough, ridge and synoptic system over East Asia. Atmospheric Research, 2018, 212, 186-201	4.1	25

#	Article	IF	CITATIONS
2794	Source apportionment of PM10 and PM2.5 air pollution, and possible impacts of study characteristics in South Korea. Environmental Pollution, 2018, 240, 963-972.	7.5	85
2795	Ultrahigh-Resolution Mass Spectrometry in Real Time: Atmospheric Pressure Chemical Ionization Orbitrap Mass Spectrometry of Atmospheric Organic Aerosol. Analytical Chemistry, 2018, 90, 8816-8823.	6.5	40
2796	Effect of Model Spatial Resolution on Estimates of Fine Particulate Matter Exposure and Exposure Disparities in the United States. Environmental Science and Technology Letters, 2018, 5, 436-441.	8.7	54
2797	A 13-year climatological study on the variations of aerosol and cloud properties over Kazakhstan from remotely sensed satellite observations. Journal of Atmospheric and Solar-Terrestrial Physics, 2018, 179, 55-68.	1.6	18
2798	Hypertensive and toxicological health risk among women exposed to biomass smoke: A rural Indian scenario. Ecotoxicology and Environmental Safety, 2018, 161, 706-714.	6.0	29
2799	The Spatio-Temporal Disparities of Areas Benefitting from the Wind Erosion Prevention Service. International Journal of Environmental Research and Public Health, 2018, 15, 1510.	2.6	14
2800	A class of semiparametric tests of treatment effect robust to confounder measurement error. Statistics in Medicine, 2018, 37, 3403-3416.	1.6	0
2801	Relationship among Various Particle Characterization Metrics Using GDI Engine Based Light-Duty Vehicles. , 2018, , .		5
2802	Impact on Public Health—Epidemiological Studies. , 2018, , 67-88.		6
2803	Perceived health risk, environmental knowledge, and contingent valuation for improving air quality: New evidence from the Jinchuan mining area in China. Economics and Human Biology, 2018, 31, 54-68.	1.7	27
2804	Real-time measurement and analysis of single biological particle's fluorescence and scattering. , 2018, ,		0
2805	Restaurant Impacts on Outdoor Air Quality: Elevated Organic Aerosol Mass from Restaurant Cooking with Neighborhood-Scale Plume Extents. Environmental Science & Technology, 2018, 52, 9285-9294.	10.0	61
2806	Workers of São Paulo city, Brazil, exposed to air pollution: Assessment of genotoxicity. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2018, 834, 18-24.	1.7	23
2807	Outdoor air pollution, green space, and cancer incidence in Saxony: a semi-individual cohort study. BMC Public Health, 2018, 18, 715.	2.9	84
2808	Constructing a Map of Physiological Equivalent Temperature by Spatial Analysis Techniques. , 2018, , 389-401.		2
2809	Linked Response of Aerosol Acidity and Ammonia to SO <sub>2</sub> and NO <sub><i>x</i></sub> Emissions Reductions in the United States. Environmental Science & Technology, 2018, 52, 9861-9873.	10.0	38
2810	Thermal/optical reflectance equivalent organic and elemental carbon determined from federal reflectance and equivalent method fine particulate matter samples using Fourier transform infrared spectrometry. Aerosol Science and Technology, 2018, 52, 1048-1058.	3.1	5
2811	Subjective Well-being and Environmental Quality: The Impact of Air Pollution and Green Coverage in China. Ecological Economics, 2018, 153, 124-138.	5.7	99

#	Article	IF	CITATIONS
2812	Chemical composition and source identification of PM10 in five North Western European cities. Atmospheric Research, 2018, 214, 135-149.	4.1	28
2813	Are ambient volatile organic compounds environmental stressors for heart failure?. Environmental Pollution, 2018, 242, 1810-1816.	7.5	32
2814	A hybrid kriging/land-use regression model to assess PM2.5 spatial-temporal variability. Science of the Total Environment, 2018, 645, 1456-1464.	8.0	85
2815	Estimation of the contributions of the sources driving PM2.5 levels in a Central Mediterranean coastal town. Chemosphere, 2018, 211, 465-481.	8.2	29
2816	Evaluating the Sensitivity of the Mass-Based Particle Removal Calculations for HVAC Filters in ISO 16890 to Assumptions for Aerosol Distributions. Atmosphere, 2018, 9, 85.	2.3	11
2817	The Influence of Absolute Mass Loading of Secondary Organic Aerosols on Their Phase State. Atmosphere, 2018, 9, 131.	2.3	13
2818	A Review of Airborne Particulate Matter Effects on Young Children's Respiratory Symptoms and Diseases. Atmosphere, 2018, 9, 150.	2.3	59
2819	The Study of Characteristic Environmental Sites Affected by Diverse Sources of Mineral Matter Using Compositional Data Analysis. Condensed Matter, 2018, 3, 16.	1.8	8
2820	A Review of Recent Advances in Research on PM2.5 in China. International Journal of Environmental Research and Public Health, 2018, 15, 438.	2.6	141
2821	Real-Time Estimation of Population Exposure to PM2.5 Using Mobile- and Station-Based Big Data. International Journal of Environmental Research and Public Health, 2018, 15, 573.	2.6	67
2822	A System Based on the Internet of Things for Real-Time Particle Monitoring in Buildings. International Journal of Environmental Research and Public Health, 2018, 15, 821.	2.6	89
2823	Eigenvector Spatial Filtering Regression Modeling of Ground PM2.5 Concentrations Using Remotely Sensed Data. International Journal of Environmental Research and Public Health, 2018, 15, 1228.	2.6	15
2825	An exhaustive classification for the seasonal variation of organic peaks in the atmospheric fine particles obtained by a gas chromatography/mass spectrometry. Environmental Technology and Innovation, 2018, 12, 14-26.	6.1	3
2826	Temporal variability of short term effects of PM10 on mortality in Seoul, Korea. Science of the Total Environment, 2018, 644, 122-128.	8.0	16
2827	Characterization of Subgrid-Scale Variability in Particulate Matter with Respect to Satellite Aerosol Observations. Remote Sensing, 2018, 10, 623.	4.0	8
2828	Disentangling the Complex Effects of Socioeconomic, Climatic, and Urban Form Factors on Air Pollution: A Case Study of China. Sustainability, 2018, 10, 776.	3.2	23
2829	Electrospun Polyacrylonitrile/β-Cyclodextrin Composite Membranes for Simultaneous Air Filtration and Adsorption of Volatile Organic Compounds. ACS Applied Nano Materials, 2018, 1, 4268-4277.	5.0	53
2830	Design and implementation of a low cost particulate material transducer. , 2018, , .		0

#	Article	IF	CITATIONS
2831	The emerging risk of exposure to air pollution onÂcognitive decline and Alzheimer's disease – Evidence from epidemiological and animal studies. Biomedical Journal, 2018, 41, 141-162.	3.1	161
2832	Individual particle SEM-EDS analysis of atmospheric aerosols in rural, urban, and industrial sites of Central Italy. Environmental Monitoring and Assessment, 2018, 190, 456.	2.7	20
2833	Assessment and economic valuation of air pollution impacts on human health over Europe and the United States as calculated by a multi-model ensemble in the framework of AQMEII3. Atmospheric Chemistry and Physics, 2018, 18, 5967-5989.	4.9	68
2834	Comparing the height and area of wild and prescribed fire particle plumes in south-east Australia using weather radar. International Journal of Wildland Fire, 2018, 27, 525.	2.4	13
2835	Satelliteâ€Based Daily PM <sub>2.5</sub> Estimates During Fire Seasons in Colorado. Journal of Geophysical Research D: Atmospheres, 2018, 123, 8159-8171.	3.3	36
2836	Development of Ahmedabad's Air Information and Response (AIR) Plan to Protect Public Health. International Journal of Environmental Research and Public Health, 2018, 15, 1460.	2.6	11
2837	Nanoparticles in the lungs of old mice: Pulmonary inflammation and oxidative stress without procoagulant effects. Science of the Total Environment, 2018, 644, 907-915.	8.0	13
2838	A New Porous Hybrid Material Derived From Silica Fume and Alginate for Sustainable Pollutants Reduction. Frontiers in Chemistry, 2018, 6, 60.	3.6	34
2839	Measurement of ambient air particulate pollutant concentrations and dry depositions for PS-1 combined with dry deposition plate at a wetland site. Environmental Earth Sciences, 2018, 77, 1.	2.7	1
2840	Characteristics of evolution of in-cylinder soot particle size and number density in a diesel engine. Fuel, 2018, 228, 215-225.	6.4	11
2841	Long-term exposure to ambient particulate matter (PM2.5) is associated with platelet counts in adults. Environmental Pollution, 2018, 240, 432-439.	7.5	29
2842	The Use of Principal Component Analysis for Source Identification of PM2.5 from Selected Urban and Regional Background Sites in Poland. E3S Web of Conferences, 2018, 28, 01001.	0.5	4
2843	Reviewing air pollution and public health in China. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2018, 171, 358-367.	0.7	10
2844	Genotoxic and cytotoxic properties of PM2.5 collected over the year in WrocÅ,aw (Poland). Science of the Total Environment, 2018, 637-638, 480-497.	8.0	19
2845	Accumulation mode particles and LPS exposure induce TLR-4 dependent and independent inflammatory responses in the lung. Respiratory Research, 2018, 19, 15.	3.6	22
2846	Occupational exposure to ultrafine particles in police officers: no evidence for adverse respiratory effects. Journal of Occupational Medicine and Toxicology, 2018, 13, 5.	2.2	13
2847	The Relationship Between Urban Environment and Health. , 2018, , 267-334.		1
2848	Considering the future of anthropogenic gas-phase organic compound emissions and the increasing influence of non-combustion sources on urban air quality. Atmospheric Chemistry and Physics, 2018, 18, 5391-5413.	4.9	74

#	Article	IF	CITATIONS
2849	Ambient air pollution and human performance: Contemporaneous and acclimatization effects of ozone exposure on athletic performance. Health Economics (United Kingdom), 2018, 27, 1189-1200.	1.7	27
2850	Characteristics and sources of ambient refractory black carbon aerosols: Insights from soot particle aerosol mass spectrometer. Atmospheric Environment, 2018, 185, 147-152.	4.1	16
2851	Trends in the oxidation and relative volatility of chamber-generated secondary organic aerosol. Aerosol Science and Technology, 2018, 52, 992-1004.	3.1	16
2852	A dynamic gain-scheduled ventilation control system for a subway station based on outdoor air quality conditions. Building and Environment, 2018, 144, 159-170.	6.9	33
2853	Place, human agency and community resilience – considerations for public health management of smoke from prescribed burning. Local Environment, 2018, 23, 975-990.	2.4	10
2854	Spatiotemporally resolved ambient particulate matter concentration by fusing observational data and ensemble chemical transport model simulations. Ecological Modelling, 2018, 385, 173-181.	2.5	17
2855	Outlier detection in PM10 aerosols by generalised linear model. AIP Conference Proceedings, 2018, , .	0.4	0
2856	Aerosol particles during the Innsbruck Air Quality Study (INNAQS): The impact of transient fluxes on total aerosol number exchange. Atmospheric Environment, 2018, 190, 389-400.	4.1	4
2857	Effect of sulphur and vanadium spiked fuels on particle characteristics and engine performance of auxiliary diesel engines. Environmental Pollution, 2018, 243, 1943-1951.	7.5	21
2858	Daytime atmospheric plume opacity measurement using a camcorder. Environmental Technology and Innovation, 2018, 12, 43-54.	6.1	1
2859	Trends in on-road transportation, energy, and emissions. Journal of the Air and Waste Management Association, 2018, 68, 1015-1024.	1.9	5
2860	Characteristics and Sources of Heavy Metals in PM2.5 during a Typical Haze Episode in Rural and Urban Areas in Taiyuan, China. Atmosphere, 2018, 9, 2.	2.3	40
2861	Field evaluation of low-cost particulate matter sensors in high- and low-concentration environments. Atmospheric Measurement Techniques, 2018, 11, 4823-4846.	3.1	214
2862	Particle Emissions of Material-Extrusion-Type Desktop 3D Printing: the Effects of Infill. International Journal of Precision Engineering and Manufacturing - Green Technology, 2018, 5, 487-497.	4.9	18
2863	The estimated change in the level and distribution of PM2.5-attributable health impacts in the United States: 2005–2014. Environmental Research, 2018, 167, 506-514.	7.5	53
2864	Sources of PM2.5 at an urban-industrial Mediterranean city, Marseille (France): Application of the ME-2 solver to inorganic and organic markers. Atmospheric Research, 2018, 214, 263-274.	4.1	29
2865	Uptake of water by an acid–base nanoparticle: theoretical and experimental studies of the methanesulfonic acid–methylamine system. Physical Chemistry Chemical Physics, 2018, 20, 22249-22259.	2.8	15
2866	Função pulmonar e depuração mucociliar nasal de cortadores de cana-de-açúcar brasileiros expostos à queima de biomassa. Revista Brasileira De Saúde Ocupacional, 2018, 43, .	0.2	2

ARTICLE IF CITATIONS Development, characterization and first deployment of an improved online reactive oxygen species 2867 3.1 25 analyzer. Atmospheric Measurement Techniques, 2018, 11, 65-80. Sources and Health Risks of Heavy Metals in PM2.5 in a Campus in a Typical Suburb Area of Taiyuan, 2868 2.3 North China. Atmosphere, 2018, 9, 46. Air pollution and healthcare expenditure: Implication for the benefit of air pollution control in 2869 10.0 144 China. Environment International, 2018, 120, 443-455. Ambient PM<sub>2.5</sub> Reduces Global and Regional Life Expectancy. Environmental Science and 2870 Technology Letters, 2018, 5, 546-551. A New MODIS C6 Dark Target and Deep Blue Merged Aerosol Product on a 3 km Spatial Grid. Remote 2871 4.0 47 Sensing, 2018, 10, 463. The impact of future atmospheric circulation changes over the Euro-Atlantic sector on urban PM<sub&gt;2.5&lt;/sub&gt; concentrations. Tellus, Series B: Chemical and Physical Meteorology, 1.6 2022, 70, 1468704. Identifying the socioeconomic determinants of population exposure to particulate matter (PM2.5) in 2873 7.5 71 China using geographically weighted regression modeling. Environmental Pollution, 2018, 241, 494-503. Systems analysis of EV adoption and criteria pollutant accumulation during inversion events., 2018, , . 2874 Human health risk assessment of major air pollutants at transport corridors of Delhi, India. Journal 2875 2.2 26 of Transport and Health, 2018, 10, 132-143. The mineralogical interpretation of particulate matter deposited on Agelenidae and Pholcidae spider webs in the city of Wroch, aw (SW Poland): A preliminary case study. Journal of Aerosol Science, 2018, 3.8 123, 63-75. Carbon and nitrogen isotopes unravels sources of aerosol contamination at Caribbean rural and 2877 19 8.0 urban coastal sites. Science of the Total Environment, 2018, 642, 723-732. Ambient air pollution of particles and gas pollutants, and the predicted health risks from long-term exposure to PM2.5 in Zhejiang province, China. Environmental Science and Pollution Research, 2018, 25, 5.3 23833-23844. Multiport particle chamber validation for particle number concentration using condensation 2879 particle counters. Measurement: Journal of the International Measurement Confederation, 2018, 124, 5.0 1 426-435. Methodological factors influencing inhalation bioaccessibility of metal(loid)s in PM2.5 using 2880 simulated lung fluid. Environmental Pollution, 2018, 241, 930-937 Ambient Particulate Matter Concentrations and Hospital Admissions in 26 of China's Largest Cities. 2881 2.7 38 Epidemiology, 2018, 29, 649-657. Proliferation of low-cost sensors. What prospects for air pollution epidemiologic research in 2882 44 Sub-Saharan Africa?. Environmental Pollution, 2018, 241, 1132-1137. The relationship between black carbon and atmospheric boundary layer height. Atmospheric Pollution 2883 3.8 32 Research, 2019, 10, 65-72. Impact of primary NO2 emissions at different urban sites exceeding the European NO2 standard limit. 2885 Science of the Total Environment, 2019, 646, 1117-1125.

#	Article	IF	CITATIONS
2886	PM2.5 and its ionic components at a roadside site in Wuhan, China. Atmospheric Pollution Research, 2019, 10, 162-167.	3.8	9
2887	Exposure to ambient air pollution and risk of childhood cancers: A population-based study in Tehran, Iran. Science of the Total Environment, 2019, 646, 105-110.	8.0	33
2889	Long-term black carbon variation in the South-Eastern Baltic Region in 2008–2015. Atmospheric Pollution Research, 2019, 10, 123-133.	3.8	7
2890	Investigating the relationship between air pollution variation and urban form. Building and Environment, 2019, 147, 559-568.	6.9	75
2891	Air pollution and resistance to inhaled glucocorticoids: Evidence, mechanisms and gaps to fill. , 2019, 194, 1-21.		23
2892	One-pot synthesis of catalytic molybdenum based nanocomposite nano-fiber membranes for aerosol air remediation. Science of the Total Environment, 2019, 647, 725-733.	8.0	42
2893	Generalized additive models: Building evidence of air pollution, climate change and human health. Environment International, 2019, 132, 104987.	10.0	226
2894	Design and evaluation of a portable PM <sub>2.5</sub> monitor featuring a low-cost sensor in line with an active filter sampler. Environmental Sciences: Processes and Impacts, 2019, 21, 1403-1415.	3.5	21
2895	Political Institutions and Pollution: Evidence from Coalâ€Fired Power Generation. Review of Policy Research, 2019, 36, 586-602.	3.9	2
2896	The impacts of economic restructuring and technology upgrade on air quality and human health in Beijing-Tianjin-Hebei region in China. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	6.0	14
2897	Ambient fine particulate matter is associated with increased emergency ambulance dispatches for psychiatric emergencies. Environmental Research, 2019, 177, 108611.	7.5	14
2898	Impact of China's Air Pollution Prevention and Control Action Plan on PM2.5 chemical composition over eastern China. Science China Earth Sciences, 2019, 62, 1872-1884.	5.2	105
2899	Potential of renewable fuel to reduce diesel exhaust particle emissions. Applied Energy, 2019, 254, 113636.	10.1	29
2900	Inflammation and acute traffic-related air pollution exposures among a cohort of youth with type 1 diabetes. Environment International, 2019, 132, 105064.	10.0	19
2901	Urban hedges: A review of plant species and cultivars for ecosystem service delivery in north-west Europe. Urban Forestry and Urban Greening, 2019, 44, 126391.	5.3	37
2903	Assessment of Carbonaceous Aerosols at Mount Tai, North China: Secondary Formation and Regional Source Analysis. Aerosol and Air Quality Research, 2019, 19, 1708-1720.	2.1	4
2904	Using Chemical Transport Model Predictions To Improve Exposure Assessment of PM <sub>2.5</sub> Constituents. Environmental Science and Technology Letters, 2019, 6, 456-461.	8.7	16
2905	Optical properties of atmospheric particles over an urban site in Mexico City and a peri-urban site in Queretaro. Journal of Atmospheric Chemistry, 2019, 76, 201-228.	3.2	9

#	Article	IF	CITATIONS
2906	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. Environment International, 2019, 132, 105004.	10.0	102
2907	Land-Use Regression Modeling of Source-Resolved Fine Particulate Matter Components from Mobile Sampling. Environmental Science & Technology, 2019, 53, 8925-8937.	10.0	29
2908	Association of Long-Term Exposure to Fine Particulate Matter and Cardio-Metabolic Diseases in Low- and Middle-Income Countries: A Systematic Review. International Journal of Environmental Research and Public Health, 2019, 16, 2541.	2.6	35
2909	Ultrafine organic aerosol particles inhaled by mice at low doses remain in lungs more than half a year. Journal of Labelled Compounds and Radiopharmaceuticals, 2019, 62, 785-793.	1.0	5
2910	Spatial Analyses of Environmental Exposures and Breast Cancer: Natural Vegetation, Ambient Air Pollution and Outdoor Light at Night as Examples. Energy Balance and Cancer, 2019, , 189-219.	0.2	0
2911	Long-term validation of MODIS C6 and C6.1 Dark Target aerosol products over China using CARSNET and AERONET. Chemosphere, 2019, 236, 124268.	8.2	46
2912	Comparison of filtration performance of commercially available automotive cabin air filters against various airborne pollutants. Building and Environment, 2019, 161, 106272.	6.9	17
2913	Experimental investigation of combustion and particle emissions under different combustion modes on a heavy-duty diesel engine fueled by diesel/gasoline/diesel from direct coal liquefaction. Fuel, 2019, 254, 115661.	6.4	12
2914	The effect of outdoor PM2.5 on labor absenteeism due to chronic obstructive pulmonary disease. International Journal of Environmental Science and Technology, 2019, 16, 4775-4782.	3.5	4
2915	Mechanical and Static Stab Resistant Properties of Hybrid-Fabric Fibrous Planks: Manufacturing Process of Nonwoven Fabrics Made of Recycled Fibers. Polymers, 2019, 11, 1140.	4.5	12
2916	Magnetic, geochemical and granulometric properties of street dust from Warsaw (Poland). Journal of Applied Geophysics, 2019, 169, 58-73.	2.1	21
2918	Evaluation of the complexity of indoor air in hospital wards based on PM2.5, real-time PCR, adenosine triphosphate bioluminescence assay, microbial culture and mass spectrometry. BMC Infectious Diseases, 2019, 19, 646.	2.9	15
2919	Investigating the plausibility of a PMF source apportionment solution derived using a small dataset: A case study from a receptor in a rural site in Apulia - South East Italy. Chemosphere, 2019, 236, 124376.	8.2	15
2920	PM2.5 elements at an urban site in Yangtze River Delta, China: High time-resolved measurement and the application in source apportionment. Environmental Pollution, 2019, 253, 1089-1099.	7.5	53
2921	Particulate matter air pollution and national and county life expectancy loss in the USA: A spatiotemporal analysis. PLoS Medicine, 2019, 16, e1002856.	8.4	95
2922	Where do people spend their leisure time on dusty days? Application of spatiotemporal behavioral responses to particulate matter pollution. Annals of Regional Science, 2019, 63, 317-339.	2.1	33
2923	Characterization and risk assessment of total suspended particles (TSP) and fine particles (PM2.5) in a rural transformational e-waste recycling region of Southern China. Science of the Total Environment, 2019, 692, 432-440.	8.0	15
2924	Evaluation of the location of cities in terms of land cover on the example of Poland. Urban Ecosystems, 2019, 22, 619-630.	2.4	7

#	Article	IF	CITATIONS
2925	Secondary organic aerosol formation from α-methylstyrene atmospheric degradation: Role of NO level, relative humidity and inorganic seed aerosol. Atmospheric Research, 2019, 230, 104631.	4.1	17
2926	Using Medium-Cost Sensors to Estimate Air Quality in Remote Locations. Case Study of Niedzica, Southern Poland. Atmosphere, 2019, 10, 393.	2.3	9
2927	Design and Analysis of Particulate Matter Air-Microfluidic Grading Chip Based on MEMS. Micromachines, 2019, 10, 497.	2.9	14
2928	Effects of childhood exposure to PM2.5 in a Memphis pediatric asthma cohort. Environmental Monitoring and Assessment, 2019, 191, 330.	2.7	6
2929	Oxidative Potential of Water-Soluble Matter Associated with Chromophoric Substances in PM <sub>2.5</sub> over Xi'an, China. Environmental Science & Technology, 2019, 53, 8574-8584.	10.0	76
2930	3D-printed biomimetic-villus structure with maximized surface area for triboelectric nanogenerator and dust filter. Nano Energy, 2019, 63, 103857.	16.0	55
2931	Two-wavelength thermal–optical determination of light-absorbing carbon in atmospheric aerosols. Atmospheric Measurement Techniques, 2019, 12, 3173-3182.	3.1	10
2932	Comparison of multiple PM <sub>2.5</sub> exposure products for estimating health benefits of emission controls over New York State, USA. Environmental Research Letters, 2019, 14, 084023.	5.2	30
2933	Dynamic assessment of PM2.5 exposure and health risk using remote sensing and geo-spatial big data. Environmental Pollution, 2019, 253, 288-296.	7.5	120
2934	National NO2 exposure models for measuring its impact on vulnerable people in the US metropolitan areas. Environmental Monitoring and Assessment, 2019, 191, 484.	2.7	1
2935	Spatial and temporal variations of PM2.5 mass closure and inorganic PM2.5 in the Southeastern U.S Environmental Science and Pollution Research, 2019, 26, 33181-33191.	5.3	10
2936	Vertically-stacked MEMS PM2.5 sensor for wearable applications. Sensors and Actuators A: Physical, 2019, 299, 111569.	4.1	26
2937	A feasible experimental framework for field calibration of portable light-scattering aerosol monitors: Case of TSI DustTrak. Environmental Pollution, 2019, 255, 113136.	7.5	31
2938	Exposure levels of air pollution (PM2.5) and associated health risk in Kuwait. Environmental Research, 2019, 179, 108730.	7.5	61
2939	Developmental impact of air pollution on brain function. Neurochemistry International, 2019, 131, 104580.	3.8	68
2940	Air pollution: the emergence of a major global health risk factor. International Health, 2019, 11, 417-421.	2.0	86
2941	Field measurement of PM2.5 concentration in office buildings. E3S Web of Conferences, 2019, 111, 06064.	0.5	0
2942	Urban pollution in the Danube and Western Balkans regions: The impact of major PM2.5 sources. Environment International, 2019, 133, 105158.	10.0	17

#	Article	IF	CITATIONS
2943	The effect of pollution on crime: Evidence from data on particulate matter and ozone. Journal of Environmental Economics and Management, 2019, 98, 102267.	4.7	88
2944	The role of biomass burning agricultural emissions in the Indo-Gangetic Plains on the air quality in New Delhi, India. Atmospheric Environment, 2019, 218, 116983.	4.1	43
2945	Compositional Evolution of Secondary Organic Aerosol as Temperature and Relative Humidity Cycle in Atmospherically Relevant Ranges. ACS Earth and Space Chemistry, 2019, 3, 2549-2558.	2.7	21
2946	Racial, ethnic, and income disparities in air pollution: A study of excess emissions in Texas. PLoS ONE, 2019, 14, e0220696.	2.5	21
2947	Development of a daily PM <sub>10</sub> and PM <sub>2.5</sub> prediction system using a deep long short-term memory neural network model. Atmospheric Chemistry and Physics, 2019, 19, 12935-12951.	4.9	48
2948	Mortality burdens in California due to air pollution attributable to local and nonlocal emissions. Environment International, 2019, 133, 105232.	10.0	12
2949	A systematic approach for the comparison of PM10, PM2.5, and PM1 mass concentrations of characteristic environmental sites. Environmental Monitoring and Assessment, 2019, 191, 738.	2.7	4
2950	Human Health Risk Assessment associated with contaminants in the finest fraction of sidewalk dust collected in proximity to trafficked roads. Scientific Reports, 2019, 9, 16364.	3.3	37
2951	Impact of weather changes on air quality and related mortality in Spain over a 25†year period [1993–2017]. Environment International, 2019, 133, 105272.	10.0	52
2952	Interface Circuit Design to Enable Miniaturization of Thermal-Piezoresistive Oscillators for Mass Sensing Applications. , 2019, , .		2
2953	Cardiopulmonary Health Effects of Airborne Particulate Matter: Correlating Animal Toxicology to Human Epidemiology. Toxicologic Pathology, 2019, 47, 954-961.	1.8	8
2954	Trace elements and human health risks assessment of finer aerosol atmospheric particles (PM1). Environmental Science and Pollution Research, 2019, 26, 36423-36433.	5.3	28
2955	Duration of solid fuel cookstove use is associated with increased risk of acute lower respiratory infection among children under six months in rural central India. PLoS ONE, 2019, 14, e0224374.	2.5	17
2956	Nexus Among Economic Growth, Education, Health, and Environment: Dynamic Analysis of World-Level Data. Frontiers in Public Health, 2019, 7, 307.	2.7	53
2957	Exploiting multi-wavelength aerosol absorption coefficients in a multi-time resolution source apportionment study to retrieve source-dependent absorption parameters. Atmospheric Chemistry and Physics, 2019, 19, 11235-11252.	4.9	27
2958	Ambient particulate matter attenuates Sirtuin1 and augments SREBP1-PIR axis to induce human pulmonary fibroblast inflammation: molecular mechanism of microenvironment associated with COPD. Aging, 2019, 11, 4654-4671.	3.1	26
2959	mHealth: Indoor Environmental Quality Measuring System for Enhanced Health and Well-Being Based on Internet of Things. Journal of Sensor and Actuator Networks, 2019, 8, 43.	3.9	35
2960	Identifying persistent temperature inversion events in a subalpine basin using radon-222. Atmospheric Measurement Techniques, 2019, 12, 4455-4477.	3.1	17

ARTICLE IF CITATIONS # Effect of novel built-in rotator on the performance of pleated cartridge filter. Powder Technology, 2961 4.2 13 2019, 356, 1001-1007. Investigation of dark condition nitrate radical- and ozone-initiated aging of toluene secondary organic aerosol: Importance of nitrate radical reactions with phenolic products. Atmospheric 2962 4.1 Environment, 2019, 219, 117049. Contribution of Meteorological Conditions to the Variation in Winter PM2.5 Concentrations from 2963 2.3 14 2013 to 2019 in Middle-Eastern China. Atmosphere, 2019, 10, 563. Integration of Remote Sensing and Social Sensing Data in a Deep Learning Framework for Hourly Urban PM2.5 Mapping. International Journal of Environmental Research and Public Health, 2019, 16, 2964 4102. Remote Sensing in Environmental Justice Researchâ€"A Review. ISPRS International Journal of 2965 2.9 38 Geo-Information, 2019, 8, 20. Characteristics of Fine Particulate Matter (PM2.5) over Urban, Suburban, and Rural Areas of Hong 2966 2.3 Kong. Atmosphere, 2019, 10, 496. A case-crossover analysis of the relationship of air pollution with out-of-hospital sudden unexpected 2967 8.0 3 death in Wake County, North Carolina (2013–2015). Science of the Total Environment, 2019, 694, 133744. Relationship between fine particulate air pollution exposure and human adult life expectancy in 2968 2.3Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2019, 82, 826-832. Potential role of polycyclic aromatic hydrocarbons as mediators of cardiovascular effects from 2969 4.0 110 combustion particles. Environmental Health, 2019, 18, 74. Modelling European quality assurance procedures for analysers monitoring emissions under the EU's 2970 Industrial Emissions Directive. Accreditation and Quality Assurance, 2019, 24, 443-449. Spatiotemporal Characteristics of Air Quality across Weifang from 2014–2018. International Journal 2971 2.6 13 of Environmental Research and Public Health, 2019, 16, 3122. Mass concentrations, seasonal variations, chemical compositions and element sources of PM10 at an 3.2 urban site in Constantine, northeast Algeria. Journal of Geochemical Exploration, 2019, 206, 106356. Trends in particulate matter and its chemical compositions in China from 2013–2017. Science China 2973 5.2 111 Earth Sciences, 2019, 62, 1857-1871. Engagement With Air Quality Information: Stated Versus Revealed Preferences. Organization and 2974 4.3 Environment, 2021, 34, 413-434. Isolating the climate change impacts on air-pollution-related-pathologies over central and southern Europe 〓 a modelling approach on cases and costs. Atmospheric Chemistry and Physics, 2019, 19, 2975 4.9 11 9385-9398. Laboratory and field evaluation of the Aerosol Dynamics Inc. concentrator (ADIc) for aerosol mass 3.1 spectrométry. Atmospheric Measurement Techniques, 2019, 12, 3907-3920. Extreme desert dust storms and COPD morbidity on the island of Crete. International Journal 2980 2.318 of COPD, 2019, Volume 14, 1763-1768. Aerosol mixing state revealed by transmission electron microscopy pertaining to cloud formation 6.8 and human airway deposition. Npj Climate and Atmospheric Science, 2019, 2, .

#	ARTICLE	IF	CITATIONS
2982	Development of a Standard Testing Method for Vehicle Cabin Air Quality Index. SAE International Journal of Commercial Vehicles, 0, 12, .	0.4	10
2983	Size distributions and size-segregated chemical profiles of particulate matter in a traffic tunnel of East-Central China. Atmospheric Pollution Research, 2019, 10, 1873-1883.	3.8	10
2984	Methods, availability, and applications of PM <sub>2.5</sub> exposure estimates derived from ground measurements, satellite, and atmospheric models. Journal of the Air and Waste Management Association, 2019, 69, 1391-1414.	1.9	73
2985	Exposure to particle debris generated from passenger and truck tires induces different genotoxicity and inflammatory responses in the RAW 264.7 cell line. PLoS ONE, 2019, 14, e0222044.	2.5	7
2986	Twin growth discordance in association with maternal exposure to fine particulate matter and its chemical constituents during late pregnancy. Environment International, 2019, 133, 105148.	10.0	12
2987	Interaction Between Planetary Boundary Layer and PM2.5 Pollution in Megacities in China: a Review. Current Pollution Reports, 2019, 5, 261-271.	6.6	100
2988	Spatiotemporal variation in PM2.5 concentrations and their relationship with socioeconomic factors in China's major cities. Environment International, 2019, 133, 105145.	10.0	118
2989	Associations of wildfire smoke PM2.5 exposure with cardiorespiratory events in Colorado 2011–2014. Environment International, 2019, 133, 105151.	10.0	94
2990	Ambient black carbon particles reach the fetal side of human placenta. Nature Communications, 2019, 10, 3866.	12.8	383
2991	High-performance hybrid composites made of recycled Nomex, Kevlar, and polyester selvages: mechanical property evaluations. Journal of the Textile Institute, 2019, 110, 1767-1773.	1.9	2
2002			
2992	Oxidative Potential of Particulate Matter and Generation of Reactive Oxygen Species in Epithelial Lining Fluid. Environmental Science & amp; Technology, 2019, 53, 12784-12792.	10.0	73
2992	Oxidative Potential of Particulate Matter and Generation of Reactive Oxygen Species in Epithelial Lining Fluid. Environmental Science & amp; Technology, 2019, 53, 12784-12792. Setting the standard: The acceptability of kitchen ventilation for the English housing stock. Building and Environment, 2019, 166, 106417.	10.0 6.9	73 18
2993 2993 2994	Oxidative Potential of Particulate Matter and Generation of Reactive Oxygen Species in Epithelial Lining Fluid. Environmental Science & amp; Technology, 2019, 53, 12784-12792.Setting the standard: The acceptability of kitchen ventilation for the English housing stock. Building and Environment, 2019, 166, 106417.Spatiotemporal Variability and Influencing Factors of Aerosol Optical Depth over the Pan Yangtze River Delta During the 2014–2017 Period. International Journal of Environmental Research and Public Health, 2019, 16, 3522.	10.0 6.9 2.6	73 18 21
2993 2994 2995	Oxidative Potential of Particulate Matter and Generation of Reactive Oxygen Species in Epithelial Lining Fluid. Environmental Science & amp; Technology, 2019, 53, 12784-12792.Setting the standard: The acceptability of kitchen ventilation for the English housing stock. Building and Environment, 2019, 166, 106417.Spatiotemporal Variability and Influencing Factors of Aerosol Optical Depth over the Pan Yangtze River Delta During the 2014a€"2017 Period. International Journal of Environmental Research and Public Health, 2019, 16, 3522.Pediatric Psychiatric Emergency Department Utilization and Fine Particulate Matter: A Case-Crossover Study. Environmental Health Perspectives, 2019, 127, 97006.	10.0 6.9 2.6 6.0	73 18 21 41
2993 2994 2995 2996	Oxidative Potential of Particulate Matter and Generation of Reactive Oxygen Species in Epithelial Lining Fluid. Environmental Science & amp; Technology, 2019, 53, 12784-12792.Setting the standard: The acceptability of kitchen ventilation for the English housing stock. Building and Environment, 2019, 166, 106417.Spatiotemporal Variability and Influencing Factors of Aerosol Optical Depth over the Pan Yangtze River Delta During the 2014–2017 Period. International Journal of Environmental Research and Public Health, 2019, 16, 3522.Pediatric Psychiatric Emergency Department Utilization and Fine Particulate Matter: A Case-Crossover Study. Environmental Health Perspectives, 2019, 127, 97006.Overview of Sources and Characteristics of Nanoparticles in Urban Traffic-Influenced Areas. Journal of Alzheimer's Disease, 2019, 72, 15-28.	10.0 6.9 2.6 6.0 2.6	<ul> <li>73</li> <li>18</li> <li>21</li> <li>41</li> <li>76</li> </ul>
2993 2994 2995 2996 2997	Oxidative Potential of Particulate Matter and Generation of Reactive Oxygen Species in Epithelial Lining Fluid. Environmental Science & amp; Technology, 2019, 53, 12784-12792.Setting the standard: The acceptability of kitchen ventilation for the English housing stock. Building and Environment, 2019, 166, 106417.Spatiotemporal Variability and Influencing Factors of Aerosol Optical Depth over the Pan Yangtze River Delta During the 2014a€"2017 Period. International Journal of Environmental Research and Public Health, 2019, 16, 3522.Pediatric Psychiatric Emergency Department Utilization and Fine Particulate Matter: A Case-Crossover Study. Environmental Health Perspectives, 2019, 127, 97006.Overview of Sources and Characteristics of Nanoparticles in Urban Traffic-Influenced Areas. Journal of Alzheimer's Disease, 2019, 72, 15-28.Effect of operating conditions and speed on nanoparticle emission from diesel and gasoline driven light duty vehicles. Atmospheric Pollution Research, 2019, 10, 1852-1865.	<ol> <li>10.0</li> <li>6.9</li> <li>2.6</li> <li>6.0</li> <li>2.6</li> <li>3.8</li> </ol>	<ul> <li>73</li> <li>18</li> <li>21</li> <li>41</li> <li>76</li> <li>5</li> </ul>
2993 2994 2995 2996 2997 2998	<ul> <li>Oxidative Potential of Particulate Matter and Generation of Reactive Oxygen Species in Epithelial Lining Fluid. Environmental Science &amp; amp; Technology, 2019, 53, 12784-12792.</li> <li>Setting the standard: The acceptability of kitchen ventilation for the English housing stock. Building and Environment, 2019, 166, 106417.</li> <li>Spatiotemporal Variability and Influencing Factors of Aerosol Optical Depth over the Pan Yangtze River Delta During the 2014–2017 Period. International Journal of Environmental Research and Public Health, 2019, 16, 3522.</li> <li>Pediatric Psychiatric Emergency Department Utilization and Fine Particulate Matter: A Case-Crossover Study. Environmental Health Perspectives, 2019, 127, 97006.</li> <li>Overview of Sources and Characteristics of Nanoparticles in Urban Traffic-Influenced Areas. Journal of Alzheimer's Disease, 2019, 72, 15-28.</li> <li>Effect of operating conditions and speed on nanoparticle emission from diesel and gasoline driven light duty vehicles. Atmospheric Pollution Research, 2019, 10, 1852-1865.</li> <li>An Investigation into the Accumulation of Air Borne Trace Metals in the Lungs of Common Myna Acridotheres tristis and Bank Myna Acridotheres ginginianus Captured from Urban and Semi Urban Areas of Lahore and Pattoki, Pakistan. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 750-755.</li> </ul>	<ol> <li>10.0</li> <li>6.9</li> <li>2.6</li> <li>6.0</li> <li>2.6</li> <li>3.8</li> <li>2.7</li> </ol>	<ul> <li>73</li> <li>18</li> <li>21</li> <li>41</li> <li>76</li> <li>5</li> <li>1</li> </ul>

#	Article	IF	CITATIONS
3000	Regional Inhaled Deposited Dose of Urban Aerosols in an Eastern Mediterranean City. Atmosphere, 2019, 10, 530.	2.3	16
3001	From metal-supported oxides to well-defined metal site zeolites: the next generation of passive NO <sub>x</sub> adsorbers for low-temperature control of emissions from diesel engines. Reaction Chemistry and Engineering, 2019, 4, 223-234.	3.7	64
3002	Determination and source apportionment of major and trace elements in atmospheric bulk deposition in a Caribbean rural area. Atmospheric Environment, 2019, 202, 93-104.	4.1	24
3003	Air pollution lowers Chinese urbanites' expressed happiness on social media. Nature Human Behaviour, 2019, 3, 237-243.	12.0	309
3004	Particulate Matter and Traffic-Related Exposures in Relation to Breast Cancer Survival. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 751-759.	2.5	24
3005	Skill-Testing Chemical Transport Models across Contrasting Atmospheric Mixing States Using Radon-222. Atmosphere, 2019, 10, 25.	2.3	28
3006	Nighttime Chemical Transformation in Biomass Burning Plumes: A Box Model Analysis Initialized with Aircraft Observations. Environmental Science & Technology, 2019, 53, 2529-2538.	10.0	68
3007	Surface characterization and chemical speciation of adsorbed iron( <scp>iii</scp> ) on oxidized carbon nanoparticles. Environmental Sciences: Processes and Impacts, 2019, 21, 548-563.	3.5	4
3008	Correction of Chilean GDP for natural capital depreciation and environmental degradation caused by copper mining. Resources Policy, 2019, 60, 143-152.	9.6	21
3009	An aerosol sensor for PM1 concentration detection based on 3D printed virtual impactor and SAW sensor. Sensors and Actuators A: Physical, 2019, 288, 67-74.	4.1	30
3010	Size, composition, morphology, and health implications of airborne incidental metal-containing nanoparticles. Journal of Occupational and Environmental Hygiene, 2019, 16, 387-399.	1.0	11
3011	Short-term PM2.5 exposure and emergency hospital admissions for mental disease. Environmental Research, 2019, 171, 313-320.	7.5	63
3012	Exposure to Atmospheric Particulates and Associated Respirable Deposition Dose to Street Vendors at the Residential and Commercial Sites in Dehradun City. Safety and Health at Work, 2019, 10, 237-244.	0.6	27
3013	The impacts of urbanization on fine particulate matter (PM2.5) concentrations: Empirical evidence from 135 countries worldwide. Environmental Pollution, 2019, 247, 989-998.	7.5	86
3014	Applying the concept of "number needed to treat―to the formulation of daily ambient air quality standards. Chemosphere, 2019, 222, 665-670.	8.2	6
3015	Quantitatively analyzing effects of meteorology and PM2.5 sources on low visual distance. Science of the Total Environment, 2019, 659, 764-772.	8.0	15
3016	Incorporating satellite-derived data with annual and monthly land use regression models for estimating spatial distribution of air pollution. Environmental Modelling and Software, 2019, 114, 181-187.	4.5	9
3017	The effect of odd-even driving scheme on PM2.5 and PM1.0 emission. Transportation Research, Part D: Transport and Environment, 2019, 67, 541-552.	6.8	28

#	Article	IF	CITATIONS
3018	Evidence on the Impact of Winter Heating Policy on Air Pollution and Its Dynamic Changes in North China. Sustainability, 2019, 11, 2728.	3.2	18
3019	On the accuracy and potential of Google Maps location history data to characterize individual mobility for air pollution health studies. Environmental Pollution, 2019, 252, 924-930.	7.5	21
3020	Contribution of Fine Particles to Air Emission at Different Phases of Biomass Burning. Atmosphere, 2019, 10, 278.	2.3	12
3021	Spatio-Temporal Variation in the Concentration of Inhalable Particulate Matter (PM10) in Uganda. International Journal of Environmental Research and Public Health, 2019, 16, 1752.	2.6	10
3022	Airborne particulate matter emissions from vehicle brakes in micro- and nano-scales: Morphology and chemistry by electron microscopy. Atmospheric Environment, 2019, 212, 281-289.	4.1	39
3023	AirQ2: Quito Air Quality Monitoring and Visualization Tool. , 2019, , .		1
3024	Chinese blue days: a novel index and spatio-temporal variations. Environmental Research Letters, 2019, 14, 074026.	5.2	10
3025	Modelling the hygroscopic growth factors of aerosol material containing a large water-soluble organic fraction, collected at the Storm Peak Laboratory. Atmospheric Environment, 2019, 214, 116760.	4.1	3
3026	Effectiveness of a Household Energy Package in Improving Indoor Air Quality and Reducing Personal Exposures in Rural China. Environmental Science & Technology, 2019, 53, 9306-9316.	10.0	30
3027	Potential health and equity co-benefits related to the mitigation policies reducing air pollution from residential wood burning in Athens, Greece. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2019, 54, 1144-1151.	1.7	10
3028	Estimated Contributions of Emissions Controls, Meteorological Factors, Population Growth, and Changes in Baseline Mortality to Reductions in Ambient PM2.5 and PM2.5-Related Mortality in China, 2013–2017. Environmental Health Perspectives, 2019, 127, 67009.	6.0	186
3029	What do people know? Ecosystem services, public perception and sustainable management of urban park trees in London, U.K. Urban Forestry and Urban Greening, 2019, 43, 126362.	5.3	24
3030	Two pathways of how remote SST anomalies drive the interannual variability of autumnal haze days in the Beijing–Tianjin–Hebei region, China. Atmospheric Chemistry and Physics, 2019, 19, 1521-1535.	4.9	42
3031	The EMEP Intensive Measurement Period campaign, 2008–2009: characterizing carbonaceous aerosol at nine rural sites in Europe. Atmospheric Chemistry and Physics, 2019, 19, 4211-4233.	4.9	20
3032	Effects of urbanization on regional meteorology and air qualityÂinÂSouthernÂCalifornia. Atmospheric Chemistry and Physics, 2019, 19, 4439-4457.	4.9	46
3033	Contribution and uncertainty of sectorial and regional emissions to regional and global PM <sub>2.5</sub> health impacts. Atmospheric Chemistry and Physics, 2019, 19, 5165-5186.	4.9	56
3034	Submicron aerosol composition in the world's most polluted megacity: the Delhi Aerosol Supersite study. Atmospheric Chemistry and Physics, 2019, 19, 6843-6859.	4.9	133
3035	Impacts of urban form on air quality: Emissions on the road and concentrations in the US metropolitan areas. Journal of Environmental Management, 2019, 246, 192-202.	7.8	48

#	Article	IF	CITATIONS
3036	Monitoring of Air-Dispersed Formaldehyde and Carbonyl Compounds as Vapors and Adsorbed on Particulate Matter by Denuder-Filter Sampling and Gas Chromatographic Analysis. International Journal of Environmental Research and Public Health, 2019, 16, 1969.	2.6	7
3037	Consumption of Fruits and Vegetables Among Individuals 15 Years and Older in 28 Low- and Middle-Income Countries. Journal of Nutrition, 2019, 149, 1252-1259.	2.9	66
3038	Polycyclic aromatic compounds in urban air and associated inhalation cancer risks: A case study targeting distinct source sectors. Environmental Pollution, 2019, 252, 1882-1891.	7.5	41
3039	Assessment of cyclists' exposure to ultrafine particles along alternative commuting routes in Edinburgh. Atmospheric Pollution Research, 2019, 10, 1148-1158.	3.8	27
3040	Analysis of fine particle pollution data measured at 29 US diplomatic posts worldwide. Atmospheric Environment, 2019, 213, 367-376.	4.1	13
3041	Synoptic pattern and planetary boundary layer structure associated with aerosol pollution during winter in Beijing, China. Science of the Total Environment, 2019, 682, 464-474.	8.0	30
3042	Adverse organogenesis and predisposed long-term metabolic syndrome from prenatal exposure to fine particulate matter. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11590-11595.	7.1	56
3043	Interactions between Ambient Air Particles and Greenness on Cause-specific Mortality in Seven Korean Metropolitan Cities, 2008–2016. International Journal of Environmental Research and Public Health, 2019, 16, 1866.	2.6	38
3044	Effects of Photolysis on the Chemical and Optical Properties of Secondary Organic Material Over Extended Time Scales. ACS Earth and Space Chemistry, 2019, 3, 1226-1236.	2.7	19
3045	Effects of soot inception and condensation PAH species and fuel preheating on soot formation modeling in laminar coflow CH4/air diffusion flames doped with n-heptane/toluene mixtures. Fuel, 2019, 253, 1371-1377.	6.4	24
3046	Direct and Indirect Effect of Air Particles Exposure Induce Nrf2-Dependent Cardiomyocyte Cellular Response In Vitro. Cardiovascular Toxicology, 2019, 19, 575-587.	2.7	9
3047	Fine particulate air pollution and adult hospital admissions in 200 Chinese cities: a time-series analysis. International Journal of Epidemiology, 2019, 48, 1142-1151.	1.9	43
3048	Pollution state modelling for Mexico City. Journal of the Royal Statistical Society Series A: Statistics in Society, 2019, 182, 1039-1060.	1.1	4
3049	Air Pollution and Development of Children's Pulmonary Function. , 2019, , 21-28.		0
3051	Reduction of particulate matter concentrations by local removal in a building courtyard: Case study for the Delhi American Embassy School. Science of the Total Environment, 2019, 686, 657-680.	8.0	22
3052	Dispersion of a Traffic Related Nanocluster Aerosol Near a Major Road. Atmosphere, 2019, 10, 309.	2.3	14
3053	Assessment and mitigation of indoor human exposure to fine particulate matter (PM2.5) of outdoor origin in naturally ventilated residential apartments: A case study. Atmospheric Environment, 2019, 212, 163-171.	4.1	22
3054	How do particle number, surface area, and mass correlate with toxicity of diesel particle emissions as measured in chemical and cellular assays?. Chemosphere, 2019, 229, 559-569.	8.2	12

#	Article	IF	CITATIONS
3055	Relationships between perceived health status and ambient air quality parameters in healthy Japanese: a panel study. BMC Public Health, 2019, 19, 620.	2.9	6
3056	Long-term health impact assessment of total PM2.5 in Europe during the 1990–2015 period. Atmospheric Environment: X, 2019, 3, 100032.	1.4	16
3057	Design and application of a hybrid assessment of air quality models for the source apportionment of PM2.5. Atmospheric Environment, 2019, 212, 116-127.	4.1	18
3058	Would the decoupling of electricity occur along with economic growth? Empirical evidence from the panel data analysis for 100 Chinese cities. Energy, 2019, 180, 615-625.	8.8	15
3059	Impact of New Year's Eve fireworks on the size resolved element distributions in airborne particles. Environment International, 2019, 128, 371-378.	10.0	21
3060	Low Levels of Air Pollution and Health: Effect Estimates, Methodological Challenges, and Future Directions. Current Environmental Health Reports, 2019, 6, 105-115.	6.7	62
3061	An advanced spatio-temporal model for particulate matter and gaseous pollutants in Beijing, China. Atmospheric Environment, 2019, 211, 120-127.	4.1	24
3062	Effects of short- and long-term exposures to particulate matter on inflammatory marker levels in the general population. Environmental Science and Pollution Research, 2019, 26, 19697-19704.	5.3	123
3063	Exposure to air pollution is associated with adverse cardiopulmonary health effects in international travellers. Journal of Travel Medicine, 2019, 26, .	3.0	25
3064	Fine and ultrafine particle removal efficiency of new residential HVAC filters. Indoor Air, 2019, 29, 656-669.	4.3	26
3065	Spatial trends and sources of PM2.5 organic carbon volatility fractions (OCx) across the Los Angeles Basin. Atmospheric Environment, 2019, 209, 201-211.	4.1	36
3066	Towards Sustainable and Multifunctional Air-Filters: A Review on Biopolymer-Based Filtration Materials. Polymer Reviews, 2019, 59, 651-686.	10.9	80
3067	Solar PV as a mitigation strategy for the US education sector. Environmental Research Letters, 2019, 14, 044004.	5.2	6
3068	Characteristics of aerosol pollution in the vicinity of an oil refinery near Rijeka, Croatia. X-Ray Spectrometry, 2019, 48, 561-568.	1.4	3
3069	Exposure to ambient particulate matter air pollution, blood pressure and hypertension in children and adolescents: A national cross-sectional study in China. Environment International, 2019, 128, 103-108.	10.0	102
3070	PM2.5 Sources and Their Effects on Human Health in China: Case Report. , 2019, , 274-281.		2
3071	Associations of long-term exposure to ambient PM1 with hypertension and blood pressure in rural Chinese population: The Henan rural cohort study. Environment International, 2019, 128, 95-102.	10.0	64
3072	IAQ and energy implications of high efficiency filters in residential buildings: A review (RP-1649). Science and Technology for the Built Environment, 2019, 25, 261-271.	1.7	22

#	Article	IF	CITATIONS
3073	PM2.5-bound polycyclic aromatic hydrocarbons (PAHs) and nitrated PAHs (NPAHs) in rural and suburban areas in Shandong and Henan Provinces during the 2016 Chinese New Year's holiday. Environmental Pollution, 2019, 250, 782-791.	7.5	30
3074	Five decades observing Earth's atmospheric trace gases using ultraviolet and visible backscatter solar radiation from space. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 238, 106478.	2.3	26
3075	Economic estimations of air pollution health nexus. Environment, Development and Sustainability, 2019, 21, 1507-1517.	5.0	14
3076	Spatiotemporal Pattern of Fine Particulate Matter and Impact of Urban Socioeconomic Factors in China. International Journal of Environmental Research and Public Health, 2019, 16, 1099.	2.6	10
3077	MODIS AOD sampling rate and its effect on PM2.5 estimation in North China. Atmospheric Environment, 2019, 209, 14-22.	4.1	40
3078	Spatial and temporal distribution of open bio-mass burning in China from 2013 to 2017. Atmospheric Environment, 2019, 210, 156-165.	4.1	27
3079	Aerosol Mixing State: Measurements, Modeling, and Impacts. Reviews of Geophysics, 2019, 57, 187-249.	23.0	180
3080	Smell Pittsburgh. , 2019, , .		14
3081	Ambient Particulate Matter and Paramedic Assessments of Acute Diabetic, Cardiovascular, and Respiratory Conditions. Epidemiology, 2019, 30, 11-19.	2.7	22
3083	Urban air quality and health: two steps forward, one step back. European Respiratory Journal, 2019, 53, 1900280.	6.7	10
3084	Valuation of Air Quality in Chile: The Life Satisfaction Approach. Social Indicators Research, 2019, 145, 367-387.	2.7	21
3085	Human health damages related to air pollution in China. Environmental Science and Pollution Research, 2019, 26, 13115-13125.	5.3	96
3086	Performance evaluation of a new micro gas cyclone using simulation and experimental studies to capture indoor fine particles. Advanced Powder Technology, 2019, 30, 1151-1159.	4.1	11
3087	Multiple organ injury in male C57BL/6J mice exposed to ambient particulate matter in a real-ambient PM exposure system in Shijiazhuang, China. Environmental Pollution, 2019, 248, 874-887.	7.5	108
3088	A Novel Method for Improving Air Pollution Prediction Based on Machine Learning Approaches: A Case Study Applied to the Capital City of Tehran. ISPRS International Journal of Geo-Information, 2019, 8, 99.	2.9	84
3089	Chemical Characteristics of Fine Particulate Matter in Poland in Relation with Data from Selected Rural and Urban Background Stations in Europe. Applied Sciences (Switzerland), 2019, 9, 98.	2.5	14
3090	A methodology to relate black carbon particle number and mass emissions. Journal of Aerosol Science, 2019, 132, 44-59.	3.8	18
3091	Effect of preparation method on physicochemical properties and catalytic performances of LaCoO3 perovskite for CO oxidation. Journal of Rare Earths, 2019, 37, 970-977.	4.8	37

#	Article	IF	CITATIONS
3092	Residential development and near-roadway air pollution: Assessing risk and mitigation in San Jose, California. Journal of Transport and Health, 2019, 13, 78-89.	2.2	8
3093	Effects of Fuel Moisture Content on Emissions from a Rocket-Elbow Cookstove. Environmental Science & Technology, 2019, 53, 4648-4656.	10.0	14
3094	Evaluating Atmospheric Pollutants from Urban Buses under Real-World Conditions: Implications of the Main Public Transport Mode in São Paulo, Brazil. Atmosphere, 2019, 10, 108.	2.3	17
3095	Impact of a nitrogen emission control area (NECA) on the future air quality and nitrogen deposition to seawater in the Baltic Sea region. Atmospheric Chemistry and Physics, 2019, 19, 1721-1752.	4.9	39
3096	Neighborhood Greenness Attenuates the Adverse Effect of PM2.5 on Cardiovascular Mortality in Neighborhoods of Lower Socioeconomic Status. International Journal of Environmental Research and Public Health, 2019, 16, 814.	2.6	59
3097	Hybrid-Fiber-Reinforced Composite Boards Made of Recycled Aramid Fibers: Preparation and Puncture Properties. Fibers and Polymers, 2019, 20, 398-405.	2.1	12
3098	Short term Pm2.5 exposure caused a robust lung inflammation, vascular remodeling, and exacerbated transition from left ventricular failure to right ventricular hypertrophy. Redox Biology, 2019, 22, 101161.	9.0	129
3099	Exposure to ambient fine particles and neuropsychiatric symptoms in cognitive disorder: A repeated measure analysis from the CREDOS (Clinical Research Center for Dementia of South Korea) study. Science of the Total Environment, 2019, 668, 411-418.	8.0	24
3100	Mapping Occupational Hazards with a Multi-sensor Network in a Heavy-Vehicle Manufacturing Facility. Annals of Work Exposures and Health, 2019, 63, 280-293.	1.4	20
3101	Emissions from a fast-pyrolysis bio-oil fired boiler: Comparison of health-related characteristics of emissions from bio-oil, fossil oil and wood. Environmental Pollution, 2019, 248, 888-897.	7.5	28
3102	Waterproof-breathable PTFE nano- and Microfiber Membrane as High Efficiency PM2.5 Filter. Polymers, 2019, 11, 590.	4.5	49
3103	Fine-resolution mapping of particulate matter concentration in urban areas and population exposure analysis via dispersion modeling: a study in Daejeon, South Korea. Environmental Science and Pollution Research, 2019, 26, 15857-15871.	5.3	0
3104	Source apportionment of carbonaceous aerosols in the vicinity of a Mediterranean industrial harbor: A coupled approach based on radiocarbon and molecular tracers. Atmospheric Environment, 2019, 212, 250-261.	4.1	5
3105	Clobal impacts of recent IMO regulations on marine fuel oil refining processes and ship emissions. Transportation Research, Part D: Transport and Environment, 2019, 70, 123-134.	6.8	177
3106	Establishment and characterization of a multi-purpose large animal exposure chamber for investigating health effects. Review of Scientific Instruments, 2019, 90, 035115.	1.3	6
3107	Evaluation of Terra-MODIS C6 and C6.1 Aerosol Products against Beijing, XiangHe, and Xinglong AERONET Sites in China during 2004-2014. Remote Sensing, 2019, 11, 486.	4.0	39
3108	Future climatic drivers and their effect on PM <sub>10</sub> components in Europe and the Mediterranean Sea. Atmospheric Chemistry and Physics, 2019, 19, 4459-4484.	4.9	17
3109	Computational fluid dynamics simulation of reactive fine particulate matter in a street canyon. Atmospheric Environment, 2019, 209, 54-66.	4.1	13

#	Article	IF	CITATIONS
3110	Exposure assessment of cyclists to UFP and PM on urban routes in Xi'an, China. Environmental Pollution, 2019, 250, 241-250.	7.5	56
3111	Introduction of fractal-like agglomerates to the algorithm for calculating surface area concentrations of PM1. Air Quality, Atmosphere and Health, 2019, 12, 297-303.	3.3	0
3112	Mass concentration and chemical composition of submicron particulate matter (PM1) in the Polish urban areas. IOP Conference Series: Earth and Environmental Science, 2019, 214, 012092.	0.3	3
3113	Characteristics and Source Apportionment of Metallic Elements in PM2.5 at Urban and Suburban Sites in Beijing: Implication of Emission Reduction. Atmosphere, 2019, 10, 105.	2.3	10
3114	lifetime exposure to traffic-related air pollution and symptoms of depression and anxiety at age 12 years. Environmental Research, 2019, 173, 199-206.	7.5	58
3115	Advances in offline approaches for trace measurements of complex organic compound mixtures via soft ionization and high-resolution tandem mass spectrometry. Journal of Chromatography A, 2019, 1598, 163-174.	3.7	15
3116	Air-quality-related health damages of maize. Nature Sustainability, 2019, 2, 397-403.	23.7	73
3117	The Relationship between Daily Concentration of Fine Particulate Matter in Ambient Air and Exacerbation of Respiratory Diseases in Silesian Agglomeration, Poland. International Journal of Environmental Research and Public Health, 2019, 16, 1131.	2.6	25
3118	Atmospheric Particulate Matter Variations and Comparison of Two Forecasting Models for Two Indian Megacities. Aerosol Science and Engineering, 2019, 3, 54-62.	1.9	6
3119	Variation in gravimetric correction factors for nephelometer-derived estimates of personal exposure to PM2.5. Environmental Pollution, 2019, 250, 251-261.	7.5	20
3120	Analytical Challenges and Opportunities For Indoor Air Chemistry Field Studies. Analytical Chemistry, 2019, 91, 3761-3767.	6.5	27
3121	Implementation of the effect of urease inhibitor on ammonia emissions following urea-based fertilizer application at a Zea mays field in central Illinois: A study with SURFATM-NH3 model. Agricultural and Forest Meteorology, 2019, 269-270, 78-87.	4.8	8
3122	Spatial Relationships between Urban Structures and Air Pollution in Korea. Sustainability, 2019, 11, 476.	3.2	16
3123	Modeling ammonia volatilization following the application of synthetic fertilizers to cultivated uplands with calcareous soils using an improved DNDC biogeochemistry model. Science of the Total Environment, 2019, 660, 931-946.	8.0	33
3124	Chemical Oxidative Potential and Cellular Oxidative Stress from Open Biomass Burning Aerosol. Environmental Science and Technology Letters, 2019, 6, 126-132.	8.7	36
3125	Workplace Exposure to Nanoparticles during Thermal Spraying of Ceramic Coatings. Annals of Work Exposures and Health, 2019, 63, 91-106.	1.4	19
3126	Preparation of a polyacrylonitrile/polyurethane nanofibrous membrane with antibacterial function and measurement of its air filtration performance. Indoor and Built Environment, 2019, 28, 1038-1048.	2.8	11
3127	Long-term (2005–2012) measurements of near-surface air pollutants at an urban location in the Indo-Gangetic Basin. Journal of Earth System Science, 2019, 128, 1.	1.3	21

#	Article	IF	CITATIONS
3129	Long-Term Exposure to Ambient Air Pollution and Type 2 Diabetes in Adults. Current Epidemiology Reports, 2019, 6, 67-79.	2.4	8
3130	Wood stove use and other determinants of personal and indoor exposures to particulate air pollution and ozone among elderly persons in a Northern Suburb. Indoor Air, 2019, 29, 413-422.	4.3	21
3131	Using spatio-temporal lagged association pattern to unravel the acute effect of air pollution on mortality. Science of the Total Environment, 2019, 664, 99-106.	8.0	6
3132	Association between chemical components of PM2.5 and children's primary care night-time visits due to asthma attacks: A case-crossover study. Allergology International, 2019, 68, 329-334.	3.3	10
3133	Characterization and source identification of PM2.5 and its chemical and carbonaceous constituents during Winter Fog Experiment 2015–16 at Indira Gandhi International Airport, Delhi. Science of the Total Environment, 2019, 662, 687-696.	8.0	34
3134	Assessment of Fractionated Aerosols at a Semiarid Region over the Indoâ€Gangetic Basin. Clean - Soil, Air, Water, 2019, 47, 1800040.	1.1	1
3135	Application of degree-day factors for residential emission estimate and air quality forecasting. International Journal of Environment and Pollution, 2019, 65, 325.	0.2	2
3136	Evaluation of air change rates for estimating particle dispersion on a reduced scale model. IOP Conference Series: Materials Science and Engineering, 2019, 609, 032019.	0.6	1
3137	Correlation of Oxidative Potential with Ecotoxicological and Cytotoxicological Potential of PM10 at an Urban Background Site in Italy. Atmosphere, 2019, 10, 733.	2.3	19
3138	Transparent Polyurethane Nanofiber Air Filter for High-Efficiency PM2.5 Capture. Nanoscale Research Letters, 2019, 14, 361.	5.7	47
3139	The Influence of Multi-Scale Atmospheric Circulation on Severe Haze Events in Autumn and Winter in Shanghai, China. Sustainability, 2019, 11, 5979.	3.2	15
3140	A Specific Study on the Impacts of PM2.5 on Urban Heat Islands with Detailed In Situ Data and Satellite Images. Sustainability, 2019, 11, 7075.	3.2	7
3141	Estimation of Ground Level PM2.5 by using MODIS Satellite data. , 2019, , .		2
3142	Dispersión de material particulado 2.5 emitido por pollerÃas usando el modelo AERMOD en Huancayo Metropolitano, Perú. DYNA (Colombia), 2019, 86, 346-353.	0.4	1
3143	Developmental Study of Soot-Oxidation Catalysts for Fireplaces: The Effect of Binder and Preparation Techniques on Catalyst Texture and Activity. Catalysts, 2019, 9, 957.	3.5	8
3144	Air quality and acid deposition impacts of local emissions and transboundary air pollution in Japan and South Korea. Atmospheric Chemistry and Physics, 2019, 19, 13309-13323.	4.9	63
3145	Physico-Chemical Characteristics and Sources of Ambient Aerosol in India During 2001-2015: A Review. Asian Journal of Chemistry, 2019, 31, 2707-2718.	0.3	1
3146	Ambient Air Pollution and Mortality in 652 Cities. New England Journal of Medicine, 2019, 381, 2072-2075.	27.0	24

#	Article	IF	CITATIONS
3147	Air-Quality Assessment of On-Site Brick-Kiln Worker Housing in Bhaktapur, Nepal: Chemical Speciation of Indoor and Outdoor PM2.5 Pollution. International Journal of Environmental Research and Public Health, 2019, 16, 4114.	2.6	12
3148	Ambient particulate matter pollution and adult hospital admissions for pneumonia in urban China: A national time series analysis for 2014 through 2017. PLoS Medicine, 2019, 16, e1003010.	8.4	73
3149	Air Pollution (Particulate Matter) Exposure and Associations with Depression, Anxiety, Bipolar, Psychosis and Suicide Risk: A Systematic Review and Meta-Analysis. Environmental Health Perspectives, 2019, 127, 126002.	6.0	336
3150	Interfacial Dimerization by Organic Radical Reactions during Heterogeneous Oxidative Aging of Oxygenated Organic Aerosols. Journal of Physical Chemistry A, 2019, 123, 10782-10792.	2.5	26
3151	Trends of inorganic and organic aerosols and precursor gases in Europe: insights from the EURODELTA multi-model experiment over the 1990–2010 period. Geoscientific Model Development, 2019, 12, 4923-4954.	3.6	29
3152	Interventions to reduce ambient particulate matter air pollution and their effect on health. The Cochrane Library, 2019, 2019, CD010919.	2.8	40
3153	MICS-Asia III: multi-model comparison and evaluation of aerosol over East Asia. Atmospheric Chemistry and Physics, 2019, 19, 11911-11937.	4.9	53
3154	The Relationship Between Ambient Atmospheric Fine Particulate Matter (PM <sub>2.5</sub> ) and Glaucoma in a Large Community Cohort. , 2019, 60, 4915.		60
3155	The Mortality and Medical Costs of Air Pollution: Evidence from Changes in Wind Direction. American Economic Review, 2019, 109, 4178-4219.	8.5	332
3156	A low-cost monitor for simultaneous measurement of fine particulate matter and aerosol optical depth – Part 1: Specifications and testing. Atmospheric Measurement Techniques, 2019, 12, 5431-5441.	3.1	12
3157	Fine Particle Air Pollution and Physiological Reactivity to Social Stress in Adolescence: The Moderating Role of Anxiety and Depression. Psychosomatic Medicine, 2019, 81, 641-648.	2.0	36
3158	Human Health Benefits from Fish Consumption vs. Risks from Inhalation Exposures Associated with Contaminated Sediment Remediation: Dredging of the Hudson River. Environmental Health Perspectives, 2019, 127, 127004.	6.0	13
3159	Physical Characterization of Brake-Wear Particles in a PM10 Dilution Tunnel. Atmosphere, 2019, 10, 639.	2.3	40
3160	Estimating the causal effect of annual PM2.5 exposure on mortality rates in the Northeastern and mid-Atlantic states. Environmental Epidemiology, 2019, 3, e052.	3.0	23
3161	Evaluation of the Sex-and-Age-Specific Effects of PM2.5 on Hospital Readmission in the Presence of the Competing Risk of Mortality in the Medicare Population of Utah 1999–2009. Journal of Clinical Medicine, 2019, 8, 2114.	2.4	8
3162	Composites Based on Nanoparticle and Pan Electrospun Nanofiber Membranes for Air Filtration and Bacterial Removal. Nanomaterials, 2019, 9, 1740.	4.1	80
3163	The burden of air pollution and weather condition on daily respiratory deaths among older adults in China, Jinan from 2011 to 2017. Medicine (United States), 2019, 98, e14694.	1.0	10
3164	Association between ambient fine particulate pollution and hospital admissions for cause specific cardiovascular disease: time series study in 184 major Chinese cities. BMJ, The, 2019, 367, 16572.	6.0	109

#	Article	IF	CITATIONS
3165	Application of Moderate Resolution Imaging Spectroradiometer (MODIS) Aerosol Optical Depth (AOD) and Weather Research Forecasting (WRF) model meteorological data for assessment of fine particulate matter (PM2.5) over India. Atmospheric Pollution Research, 2019, 10, 418-434.	3.8	48
3166	Carbonaceous components and major ions in PM10 from the Amazonian Basin. Atmospheric Research, 2019, 215, 75-84.	4.1	7
3167	Fine particles exposure and cardiopulmonary morbidity in Jeddah: A time-series analysis. Science of the Total Environment, 2019, 647, 1314-1322.	8.0	20
3168	Investigations of MODIS AOD and cloud properties with CERES sensor based net cloud radiative effect and a NOAA HYSPLIT Model over Bangladesh for the period 2001–2016. Atmospheric Research, 2019, 215, 268-283.	4.1	26
3169	Associations of Long-Term Exposure to Ultrafine Particles and Nitrogen Dioxide With Increased Incidence of Congestive Heart Failure and Acute Myocardial Infarction. American Journal of Epidemiology, 2019, 188, 151-159.	3.4	58
3170	Cumulative exposure to air pollution and subsequent mortality among older adults in China. Journal of Public Health, 2019, 41, 518-526.	1.8	15
3171	Deposition modeling of ambient aerosols in human respiratory system: Health implication of fine particles penetration into pulmonary region. Atmospheric Pollution Research, 2019, 10, 334-343.	3.8	45
3172	Interâ€ennual variation of the spring haze pollution over the North China Plain: Roles of atmospheric circulation and sea surface temperature. International Journal of Climatology, 2019, 39, 783-798.	3.5	40
3173	Linkages between aerosol pollution and planetary boundary layer structure in China. Science of the Total Environment, 2019, 650, 288-296.	8.0	89
3174	Population dynamics based on mobile phone data to improve air pollution exposure assessments. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 278-291.	3.9	40
3175	The level of particulate matter (PM <sub>2.5</sub> ) in several indoor public venues. Environmental Progress and Sustainable Energy, 2019, 38, 13096.	2.3	1
3176	Support for Emissions Reductions Based on Immediate and Long-term Pollution Exposure in China. Ecological Economics, 2019, 158, 26-33.	5.7	10
3177	Dispersion of gas flaring emissions in the Niger delta: Impact of prevailing meteorological conditions and flare characteristics. Environmental Pollution, 2019, 246, 284-293.	7.5	16
3178	Projected air quality and health benefits from future policy interventions in India. Resources, Conservation and Recycling, 2019, 142, 232-244.	10.8	18
3179	An Overview of Environmental Justice Issues in Primary Care – 2018. Physician Assistant Clinics, 2019, 4, 185-201.	0.1	2
3180	Field and Laboratory Evaluations of the Low-Cost Plantower Particulate Matter Sensor. Environmental Science & Technology, 2019, 53, 838-849.	10.0	143
3181	Mutagenic and genotoxic effects induced by PM0.5 of different Italian towns in human cells and bacteria: The MAPEC_LIFE study. Environmental Pollution, 2019, 245, 1124-1135.	7.5	29
3182	Characteristics of aerosol during major biomass burning events over eastern central India in winter: A tracer-based approach. Atmospheric Pollution Research, 2019, 10, 817-826.	3.8	14

#	Article	IF	CITATIONS
3183	Particle phase PAHs in the atmosphere of Delhi-NCR: With spatial distribution, source characterization and risk approximation. Atmospheric Environment, 2019, 200, 329-342.	4.1	24
3184	Ambient PM2.5 causes lung injuries and coupled energy metabolic disorder. Ecotoxicology and Environmental Safety, 2019, 170, 620-626.	6.0	39
3185	Complexation of Iron and Copper in Ambient Particulate Matter and Its Effect on the Oxidative Potential Measured in a Surrogate Lung Fluid. Environmental Science & Technology, 2019, 53, 1661-1671.	10.0	64
3186	The severe Delhi SMOG of 2016: A case of delayed crop residue burning, coincident firecracker emissions, and atypical meteorology. Atmospheric Pollution Research, 2019, 10, 868-879.	3.8	59
3187	Jurisdictional air pollution regulation in China: A tragedy of the regulatory anti-commons. Journal of Cleaner Production, 2019, 212, 1054-1061.	9.3	25
3188	Relations between indoor and outdoor PM2.5 and constituent concentrations. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	6.0	34
3189	Air pollution and kidney disease: review of current evidence. CKJ: Clinical Kidney Journal, 2019, 12, 19-32.	2.9	78
3190	Management of air pollution in Mexico. Management of Environmental Quality, 2019, 30, 578-592.	4.3	6
3191	Preparation of monodisperse charged droplets via electrohydrodynamic device for the removal of fine dust particles smaller than 10â€Î¼m. Advanced Powder Technology, 2019, 30, 190-198.	4.1	12
3192	Indoor Exposure to Ambient Particles and Its Estimation Using Fixed Site Monitors. Environmental Science & Technology, 2019, 53, 808-819.	10.0	10
3193	Particle deposition in the human lung: Health implications of particulate matter from different sources. Environmental Research, 2019, 169, 237-245.	7.5	197
3194	Contribution of local emissions and transboundary air pollution to air quality in Hong Kong during El Niño-Southern Oscillation and heatwaves. Atmospheric Research, 2019, 218, 50-58.	4.1	44
3195	Analysis of PM10 and PM2.5 Concentrations in an Urban Atmosphere in Northern Spain. Archives of Environmental Contamination and Toxicology, 2019, 76, 331-345.	4.1	18
3196	"Risk is in the air†Polycyclic aromatic hydrocarbons, metals and mutagenicity of atmospheric particulate matter in a town of Northern Italy (Respira study). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 842, 35-49.	1.7	31
3197	Generalised linear model-based algorithm for detection of outliers in environmental data and comparison with semi-parametric outlier detection methods. Atmospheric Pollution Research, 2019, 10, 1015-1023.	3.8	4
3198	Augmenting limited background monitoring data for improved performance in land use regression modelling: Using support vector regression and mobile monitoring. Atmospheric Environment, 2019, 201, 310-322.	4.1	13
3199	Estimation of daily PM10 and PM2.5 concentrations in Italy, 2013–2015, using a spatiotemporal land-use random-forest model. Environment International, 2019, 124, 170-179.	10.0	251
3200	Air quality and life expectancy in the United States: An analysis of the moderating effect of income inequality. SSM - Population Health, 2019, 7, 100346.	2.7	46

#	Article	IF	CITATIONS
3201	Reusable Polybenzimidazole Nanofiber Membrane Filter for Highly Breathable PM <sub>2.5</sub> Dust Proof Mask. ACS Applied Materials & Interfaces, 2019, 11, 2750-2757.	8.0	98
3202	Occupational exposure to gaseous and particulate contaminants originating from additive manufacturing of liquid, powdered, and filament plastic materials and related post-processes. Journal of Occupational and Environmental Hygiene, 2019, 16, 258-271.	1.0	52
3203	Distributed lag interaction models with two pollutants. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 79-97.	1.0	7
3204	Chemical Identification of Single Ultrafine Particles Using Surface-Enhanced Infrared Absorption. Physical Review Applied, 2019, 11, .	3.8	11
3205	Efficient spatiotemporal interpolation with spark machine learning. Earth Science Informatics, 2019, 12, 87-96.	3.2	10
3206	Emission of particulate matters during construction: A comparative study on a Cross Laminated Timber (CLT) and a steel building construction project. Journal of Building Engineering, 2019, 22, 281-294.	3.4	32
3207	Micro-/Nano-Dual-Scale Porous Composite Membranes for the Separation of Nanopollutants from Water. ACS Applied Nano Materials, 2019, 2, 806-811.	5.0	6
3208	Application of a FIGAERO ToF CIMS for on-line characterization of real-world fresh and aged particle emissions from buses. Aerosol Science and Technology, 2019, 53, 244-259.	3.1	19
3209	Aerosol Optical Properties over an Urban Site in Central China Determined Using Ground-Based Sun Photometer Measurements. Aerosol and Air Quality Research, 2019, 19, 620-638.	2.1	13
3210	Spatial injustice of particulate matter: the case of California. International Journal of Urban Sciences, 2019, 23, 484-497.	2.8	1
3211	Residential Segregation and Racial/Ethnic Disparities in Ambient Air Pollution. Race and Social Problems, 2019, 11, 60-67.	2.2	87
3212	Exploring atmospheric stagnation during a severe particulate matter air pollution episode over complex terrain in Santiago, Chile. Environmental Pollution, 2019, 244, 705-714.	7.5	48
3213	Mass spectrometry-based metabolomics reveals the mechanism of ambient fine particulate matter and its components on energy metabolic reprogramming in BEAS-2B cells. Science of the Total Environment, 2019, 651, 3139-3150.	8.0	45
3214	Spatiotemporal patterns of aerosol optical depth throughout China from 2003 to 2016. Science of the Total Environment, 2019, 653, 23-35.	8.0	46
3215	Monitoring particulate matter in India: recent trends and future outlook. Air Quality, Atmosphere and Health, 2019, 12, 45-58.	3.3	93
3216	Air quality and health benefits from potential coal power plant closures in Texas. Journal of the Air and Waste Management Association, 2019, 69, 333-350.	1.9	23
3217	Effects of NOx, SO2 and RH on the SOA formation from cyclohexene photooxidation. Chemosphere, 2019, 216, 794-804.	8.2	32
3218	Indoor air pollution exposure effects on lung and cardiovascular health in the High Himalayas, Nepal: An observational study. European Journal of Internal Medicine, 2019, 61, 81-87.	2.2	26

#	Article	IF	CITATIONS
3219	Assessment of personal integrated exposure to fine particulate matter of urban residents in Hong Kong. Journal of the Air and Waste Management Association, 2019, 69, 47-57.	1.9	19
3220	Fluctuation in time-resolved PM2.5 from rural households with solid fuel-associated internal emission sources. Environmental Pollution, 2019, 244, 304-313.	7.5	39
3221	Aerosol and pollutant characteristics in Delhi during a winter research campaign. Environmental Science and Pollution Research, 2019, 26, 3771-3794.	5.3	49
3222	Assessing Potential Oligomerization Reaction Mechanisms of Isoprene Epoxydiols on Secondary Organic Aerosol. Environmental Science & Technology, 2019, 53, 176-184.	10.0	6
3223	On the Relationship between Exposure to Particles and Dustiness during Handling of Powders in Industrial Settings. Annals of Work Exposures and Health, 2019, 63, 107-123.	1.4	14
3224	Vertical Profiles of Aerosol Composition over Beijing, China: Analysis of In Situ Aircraft Measurements. Journals of the Atmospheric Sciences, 2019, 76, 231-245.	1.7	25
3225	Diurnal cardiac sympathetic hyperactivity after exposure to acute particulate matter 2.5 air pollution. Journal of Electrocardiology, 2019, 52, 112-116.	0.9	14
3226	Long-term concentrations of fine particulate matter and impact on human health in Verona, Italy. Atmospheric Pollution Research, 2019, 10, 731-738.	3.8	39
3227	Seasonal variation of air quality in hospitals with indoor–outdoor correlations. Building and Environment, 2019, 148, 689-700.	6.9	46
3228	Considering future regional air quality impacts of the transportation sector. Energy Policy, 2019, 124, 63-80.	8.8	26
3229	Effects of the exposure to ultrafine particles on heart rate in a healthy population. Science of the Total Environment, 2019, 650, 2403-2410.	8.0	25
3230	A systematic review on global pollution status of particulate matter-associated potential toxic elements and health perspectives in urban environment. Environmental Geochemistry and Health, 2019, 41, 1131-1162.	3.4	119
3231	Effectiveness of commercial face masks to reduce personal PM exposure. Science of the Total Environment, 2019, 650, 1582-1590.	8.0	59
3232	Emission characterization of particulate matter in the ironmaking process. Environmental Technology (United Kingdom), 2019, 40, 282-292.	2.2	10
3233	Quantifying population exposure to air pollution using individual mobility patterns inferred from mobile phone data. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 238-247.	3.9	51
3234	Short-term degradation of air quality during major firework events in Delhi, India. Meteorology and Atmospheric Physics, 2019, 131, 753-764.	2.0	27
3235	Microstructure and filtration performance of konjac glucomannan-based aerogels strengthened by wheat straw. International Journal of Low-Carbon Technologies, 2019, 14, 335-343.	2.6	18
3236	Vog: Using Volcanic Eruptions to Estimate the Health Costs of Particulates. Economic Journal, 2019, 129, 1782-1816.	3.6	23

#	Article	IF	CITATIONS
3237	Impact of industrial atmospheric emissions on ambient air quality in the region of Arzew (north-western Algeria). International Journal of Environmental Studies, 2020, 77, 1-13.	1.6	3
3238	Coffee to Go! Modeling Themoclines in Multivariable Calculus. Primus, 2020, 30, 67-87.	0.5	1
3239	A framework for estimating the US mortality burden of fine particulate matter exposure attributable to indoor and outdoor microenvironments. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 271-284.	3.9	37
3240	Spatial cluster detection of regression coefficients in a mixedâ€effects model. Environmetrics, 2020, 31, e2578.	1.4	12
3241	Can Apps Make Air Pollution Visible? Learning About Health Impacts Through Engagement with Air Quality Information. Journal of Business Ethics, 2020, 161, 279-302.	6.0	22
3242	The relationship between monthly air pollution and violent crime across the United States. Journal of Environmental Economics and Policy, 2020, 9, 188-205.	2.5	28
3243	Investigation of the atmospheric boundary layer during an unexpected summertime persistent severe haze pollution period in Beijing. Meteorology and Atmospheric Physics, 2020, 132, 71-84.	2.0	4
3244	Development and validation of a method to quantify benefits of clean-air taxi legislation. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 629-640.	3.9	3
3245	Estimation of Anisotropic, Timeâ€Varying Spatial Spillovers of Fine Particulate Matter Due to Wind Direction. Geographical Analysis, 2020, 52, 254-277.	3.5	7
3246	Apparent resistance to fall in forced vital capacity in children with increasing mass level of fine particulate: A physiological phenomenon. Human and Ecological Risk Assessment (HERA), 2020, 26, 1124-1133.	3.4	4
3247	Variation in concentrations of particulate matter with various sizes in different weather conditions in mining zone. International Journal of Environmental Science and Technology, 2020, 17, 695-708.	3.5	12
3248	Association between ambient particulate matter and hospitalization for anxiety in China: A multicity case-crossover study. International Journal of Hygiene and Environmental Health, 2020, 223, 171-178.	4.3	25
3249	Fine-Scale Spatiotemporal Air Pollution Analysis Using Mobile Monitors on Google Street View Vehicles. Journal of the American Statistical Association, 2020, 115, 1111-1124.	3.1	11
3250	Characteristics of tail pipe (Nitric oxide) and resuspended dust emissions from urban roads – A case study in Delhi city. Journal of Transport and Health, 2020, 17, 100653.	2.2	14
3251	Development of a framework for indoor air quality assessments in energy conservation districts. Sustainable Cities and Society, 2020, 52, 101831.	10.4	17
3252	Investigation of yearly indoor/outdoor PM2.5 levels in the perspectives of health impacts and air pollution control: Case study in Changchun, in the northeast of China. Sustainable Cities and Society, 2020, 53, 101871.	10.4	47
3253	Support tools for land use policies based on high resolution regional air quality modelling. Land Use Policy, 2020, 95, 103909.	5.6	10
3254	Estimating personal exposures from a multi-hazard sensor network. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 1013-1022.	3.9	17

#	Article	IF	CITATIONS
3255	Organochlorine Pesticides (OCPs) in Atmospheric Particulate Matter: Sources and Effects. , 2020, , 97-111.		0
3256	Cleaner Production. , 2020, , .		34
3257	Global Population Growth and Industrial Impact on the Environment. , 2020, , 33-75.		9
3258	Acute Exposure to SiO2 Nanoparticles Affects Protein Synthesis in Bergmann Glia Cells. Neurotoxicity Research, 2020, 37, 366-379.	2.7	4
3259	Reduction of traffic-related particulate matter by roadside plants: effect of traffic pressure and sampling height. International Journal of Phytoremediation, 2020, 22, 184-200.	3.1	21
3260	Insights into characteristics of light absorbing carbonaceous aerosols over an urban location in Southeast Asia. Environmental Pollution, 2020, 257, 113425.	7.5	27
3261	Chemistry of size-segregated particles: study of sources and processes in N-NW India. Atmospheric Pollution Research, 2020, 11, 370-382.	3.8	12
3262	Insight into the formation and evolution of secondary organic aerosol in the megacity of Beijing, China. Atmospheric Environment, 2020, 220, 117070.	4.1	34
3263	Exposure to ultrafine particles in children until 18 years of age: A systematic review. Indoor Air, 2020, 30, 7-23.	4.3	17
3264	Structural Features and Pro-Inflammatory Effects of Water-Soluble Organic Matter in Inhalable Fine Urban Air Particles. Environmental Science & Technology, 2020, 54, 1082-1091.	10.0	18
3265	Chemical characterization of urban PM10 in the Tropical Andes. Atmospheric Pollution Research, 2020, 11, 343-356.	3.8	20
3266	Temporal disparity of the atmospheric systems contributing to interannual variation of wintertime haze pollution in the North China Plain. International Journal of Climatology, 2020, 40, 128-144.	3.5	19
3267	Impact of Chinese air pollutants on a record-breaking PMs episode in the Republic of Korea for 11–15 January 2019. Atmospheric Environment, 2020, 223, 117262.	4.1	39
3268	Shrinking lakes, air pollution, and human health: Evidence from California's Salton Sea. Science of the Total Environment, 2020, 712, 136490.	8.0	43
3269	Incorporating Low-Cost Sensor Measurements into High-Resolution PM <sub>2.5</sub> Modeling at a Large Spatial Scale. Environmental Science & Technology, 2020, 54, 2152-2162.	10.0	114
3270	Estimating mortality impacts from vehicle emission reduction efforts: The Tune In and Tune Up program in the San Joaquin Valley. Transportation Research, Part D: Transport and Environment, 2020, 78, 102190.	6.8	2
3271	Ambient particulate matter in Santiago, Chile: 1989–2018: A tale of two size fractions. Journal of Environmental Management, 2020, 258, 110035.	7.8	9
3272	Diverse Reactions in Highly Functionalized Organic Aerosols during Thermal Desorption. ACS Earth and Space Chemistry, 2020, 4, 283-296.	2.7	24

#	Article	IF	CITATIONS
3273	Computational Fluid Dynamics modeling of the trace elements dispersion and comparison with measurements in a street canyon with balconies in the city of Patras, Greece. Atmospheric Environment, 2020, 223, 117210.	4.1	11
3274	Characterization of emissions from a pilot-scale combustor operating on coal blended with woody biomass. Fuel, 2020, 264, 116774.	6.4	15
3275	Feasibility analysis for control of bioaerosol concentration at indoor corner via airflow from ventilation outlet with energy optimization. Journal of Cleaner Production, 2020, 248, 119289.	9.3	3
3276	Numerical optimization on newly developed electrostatic enhanced pleated air filters for efficient removal of airborne ultra-fine particles: Towards sustainable urban and built environment. Sustainable Cities and Society, 2020, 54, 102001.	10.4	16
3277	Experimental Study of the Formation of Organosulfates from α-Pinene Oxidation. 2. Time Evolution and Effect of Particle Acidity. Journal of Physical Chemistry A, 2020, 124, 409-421.	2.5	11
3278	Multiwalled Carbon Nanotube Filters for Toxin Removal from Cigarette Smoke. ACS Applied Nano Materials, 2020, 3, 760-771.	5.0	19
3279	Exposure to ambient air pollution and autoantibody status in rheumatoid arthritis. Clinical Rheumatology, 2020, 39, 761-768.	2.2	17
3280	Fine particulate air pollution and human mortality: 25+ years of cohort studies. Environmental Research, 2020, 183, 108924.	7.5	216
3281	Statistical modelling of roadside and urban background ultrafine and accumulation mode particle number concentrations using generalized additive models. Science of the Total Environment, 2020, 703, 134570.	8.0	14
3282	An approach to predict population exposure to ambient air PM2.5 concentrations and its dependence on population activity for the megacity London. Environmental Pollution, 2020, 257, 113623.	7.5	23
3283	Epidemiology of Lung Cancer. Seminars in Roentgenology, 2020, 55, 23-40.	0.6	12
3284	Evidence for a kinetically controlled burying mechanism for growth of high viscosity secondary organic aerosol. Environmental Sciences: Processes and Impacts, 2020, 22, 66-83.	3.5	14
3285	Characterizing atmospheric controls on winter urban pollution in a topographic basin setting using Radon-222. Atmospheric Research, 2020, 237, 104838.	4.1	15
3286	Control of fine particulate pollution inside entrance booths. Building and Environment, 2020, 169, 106576.	6.9	1
3287	Effects of 2-ethylhexyl nitrate and post-injection strategy on combustion and emission characterizes in a dimethyl carbonate/diesel blending engine. Fuel, 2020, 263, 116687.	6.4	24
3288	Day-of-week patterns for ultrafine particulate matter components at four sites in California. Atmospheric Environment, 2020, 222, 117088.	4.1	5
3289	Design of a rain-shower based cleaning system for simultaneous PM2.5 removal and CO2 capture of ambient air. Separation and Purification Technology, 2020, 237, 116389.	7.9	7
3290	The effectiveness of adding fire for air quality benefits challenged: A case study of increased fine particulate matter from wilderness fire smoke with more active fire management. Forest Ecology and Management, 2020, 458, 117761.	3.2	5
#	Article	IF	CITATIONS
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3291	Additional focus on particulate matter wash-off events from leaves is required: A review of studies of urban plants used to reduce airborne particulate matter pollution. Urban Forestry and Urban Greening, 2020, 48, 126559.	5.3	48
3292	Numerical study of acoustic agglomeration process of droplet aerosol using a three-dimensional CFD-DEM coupled model. Powder Technology, 2020, 362, 37-53.	4.2	23
3293	Chemical and Physical Characterization of 3D Printer Aerosol Emissions with and without a Filter Attachment. Environmental Science & amp; Technology, 2020, 54, 947-954.	10.0	21
3294	An eigenvector spatial filtering based spatially varying coefficient model for PM2.5 concentration estimation: A case study in Yangtze River Delta region of China. Atmospheric Environment, 2020, 223, 117205.	4.1	14
3295	The chemical exposome of type 2 diabetes mellitus: Opportunities and challenges in the omics era. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 23-38.	3.6	31
3296	Revealing the impacts of transboundary pollution on PM2.5-related deaths in China. Environment International, 2020, 134, 105323.	10.0	26
3298	The association between PM2.5 exposure and daily outpatient visits for allergic rhinitis: evidence from a seriously air-polluted environment. International Journal of Biometeorology, 2020, 64, 139-144.	3.0	24
3299	Ambient air pollutant monitoring and analysis protocol for low and middle income countries: An element of comprehensive urban air quality management framework. Atmospheric Environment, 2020, 222, 117120.	4.1	28
3300	Formation mechanism of methanesulfonic acid and ammonia clusters: A kinetics simulation study. Atmospheric Environment, 2020, 222, 117161.	4.1	24
3301	Source apportionment of airborne particulate matters over the Athabasca oil sands region: Inter-comparison between PMF modeling and ground-based remote sensing. Atmospheric Environment, 2020, 221, 117103.	4.1	9
3302	Personal level exposure and hazard potential of particulate matter during haze and non-haze periods in Singapore. Chemosphere, 2020, 243, 125401.	8.2	23
3303	Investigating ammonia emissions in a coastal urban airshed using stable isotope techniques. Science of the Total Environment, 2020, 707, 134952.	8.0	33
3304	Mitigating MODIS AOD non-random sampling error on surface PM2.5 estimates by a combined use of Bayesian Maximum Entropy method and linear mixed-effects model. Atmospheric Pollution Research, 2020, 11, 482-490.	3.8	15
3305	Radial piston triboelectric nanogenerator-enhanced cellulose fiber air filter for self-powered particulate matter removal. Nano Energy, 2020, 78, 105357.	16.0	60
3306	Health impacts and burden of disease attributed to long-term exposure to atmospheric PM <sub>10</sub> /PM <sub>2.5</sub> in Karaj, Iran: effect of meteorological factors. International Journal of Environmental Analytical Chemistry, 2022, 102, 6134-6150.	3.3	19
3307	The Role of Ambient Particle Radioactivity in Inflammation and Endothelial Function in an Elderly Cohort. Epidemiology, 2020, 31, 499-508.	2.7	16
3308	Influence of spray-coating process parameters on the release of TiO2 particles for the production of antibacterial textile. NanoImpact, 2020, 19, 100245.	4.5	8
3309	Interactions of particulate matter and pulmonary surfactant: Implications for human health. Advances in Colloid and Interface Science, 2020, 284, 102244.	14.7	56

#	Article	IF	CITATIONS
3310	Populus nigra Italica Leaves as a Valuable Tool for Mineralogical and Geochemical Interpretation of Inorganic Atmospheric Aerosols' Genesis. Atmosphere, 2020, 11, 1126.	2.3	6
3311	Effects of forests on particle number concentrations in near-road environments across three geographic regions. Environmental Pollution, 2020, 266, 115294.	7.5	14
3312	Pollution characteristics, mechanism of toxicity and health effects of the ultrafine particles in the indoor environment: Current status and future perspectives. Critical Reviews in Environmental Science and Technology, 2022, 52, 436-473.	12.8	34
3313	Spatial mapping and size distribution of oxidative potential of particulate matter released by spatially disaggregated sources. Environmental Pollution, 2020, 266, 115271.	7.5	21
3314	The impacts of formalization and integration of public transport in social equity: The case of Bogota. Research in Transportation Business and Management, 2022, 42, 100560.	2.9	5
3315	Fine air pollution particles trapped by street tree barks: In situ magnetic biomonitoring. Environmental Pollution, 2020, 266, 115229.	7.5	27
3316	Mapping spatial distribution of traffic induced criteria pollutants and associated health risks using kriging interpolation tool in Delhi. Journal of Transport and Health, 2020, 18, 100879.	2.2	19
3317	Chemical characterization of PM2.5 and source apportionment of organic aerosol in New Delhi, India. Science of the Total Environment, 2020, 745, 140924.	8.0	60
3318	Size-Resolved Chemical Composition of Sub-20 nm Particles from Methanesulfonic Acid Reactions with Methylamine and Ammonia. ACS Earth and Space Chemistry, 2020, 4, 1182-1194.	2.7	20
3319	Statistical Forecast of Pollution Episodes in Macao during National Holiday and COVID-19. International Journal of Environmental Research and Public Health, 2020, 17, 5124.	2.6	15
3320	Characterization of particle emission from thermoplastic additive manufacturing. Atmospheric Environment, 2020, 239, 117765.	4.1	15
3321	An annual time series of weekly size-resolved aerosol properties in the megacity of Metro Manila, Philippines. Scientific Data, 2020, 7, 128.	5.3	16
3322	Candle flame soot sizing by planar time-resolved laser-induced incandescence. Scientific Reports, 2020, 10, 11364.	3.3	6
3324	Environmental impacts of fireworks on aerosol characteristics and radiative properties over a mega city, India. City and Environment Interactions, 2020, 7, 100049.	4.2	15
3325	Fine particulate pollution and ambient air quality: A case study over an urban site in Delhi, India. Journal of Earth System Science, 2020, 129, 1.	1.3	7
3326	Feature Enhancement And Fusion For Image-Based Particle Matter Estimation With F-MSE Loss. , 2020, , .		5
3327	Development and Deployment of a Framework to Prioritize Environmental Contamination Issues. Sustainability, 2020, 12, 9393.	3.2	1
3328	Air Pollution and Emergency Hospital Admissions—Evidences from Lisbon Metropolitan Area, Portugal. Applied Sciences (Switzerland), 2020, 10, 7997.	2.5	6

#	Article	IF	Citations
3329	Development and validation of dust exposure prevention questionnaire for cardiovascular patients based on the health belief model. BMC Public Health, 2020, 20, 1779.	2.9	1
3330	Trends in Exposure to Diesel Particulate Matter and Prevalence of Respiratory Symptoms in Western Australian Miners. International Journal of Environmental Research and Public Health, 2020, 17, 8435.	2.6	6
3331	Monitoring of extreme air pollution on ring roads with PM2.5 soot particles considering their chemical composition (case study of Saint Petersburg). Transportation Research Procedia, 2020, 50, 381-388.	1.5	8
3332	Development of the Low Emissions Analysis Platform – Integrated Benefits Calculator (LEAP-IBC) tool to assess air quality and climate co-benefits: Application for Bangladesh. Environment International, 2020, 145, 106155.	10.0	30
3333	Transmission and exposure of kitchen particles: A case study in an apartment. Indoor and Built Environment, 2021, 30, 1503-1515.	2.8	3
3334	The Association of Cooking Fuel Use, Dietary Intake, and Blood Pressure among Rural Women in China. International Journal of Environmental Research and Public Health, 2020, 17, 5516.	2.6	9
3335	Health Impact Assessment of Volcanic Ash Inhalation: A Comparison With Outdoor Air Pollution Methods. GeoHealth, 2020, 4, e2020GH000256.	4.0	15
3336	Evolution of External Health Costs of Electricity Generation in the Baltic States. International Journal of Environmental Research and Public Health, 2020, 17, 5265.	2.6	9
3337	Retrieval of Aerosol Optical Depth from the Himawari-8 Advanced Himawari Imager data: Application over Beijing in the summer of 2016. Atmospheric Environment, 2020, 241, 117788.	4.1	10
3338	Aerosol Acidity: Novel Measurements and Implications for Atmospheric Chemistry. Accounts of Chemical Research, 2020, 53, 1703-1714.	15.6	41
3339	Evaluation of the Relationship between Momentum Wakes behind Moving Vehicles and Dispersion of Vehicle Emissions Using Near-Roadway Measurements. Environmental Science & Technology, 2020, 54, 10483-10492.	10.0	8
3340	Enhanced Gas Uptake during α-Pinene Ozonolysis Points to a Burying Mechanism. ACS Earth and Space Chemistry, 2020, 4, 1435-1447.	2.7	4
3341	A comprehensive assessment of ambient air quality in Çanakkale city: Emission inventory, air quality monitoring, source apportionment, and respiratory health indicators. Atmospheric Pollution Research, 2020, 11, 2282-2296.	3.8	11
3342	Regional differences of air pollution in China: comparison of clustering analysis and systematic clustering methods of panel data based on gray relational analysis. Air Quality, Atmosphere and Health, 2020, 13, 1257-1269.	3.3	22
3343	The pollution characteristics and source analysis of water-soluble ions in indoor PM2.5 during the Spring Festival in Jingyue Suburb of Changchun City. IOP Conference Series: Earth and Environmental Science, 2020, 474, 052099.	0.3	1
3344	LPS aggravates lung inflammation induced by RSV by promoting the ERK-MMP-12 signaling pathway in mice. Respiratory Research, 2020, 21, 193.	3.6	5
3345	A long-term multi-parametric monitoring study: Indoor air quality (IAQ) and the sources of the pollutants, prevalence of sick building syndrome (SBS) symptoms, and respiratory health indicators. Atmospheric Pollution Research, 2020, 11, 2270-2281.	3.8	60
3346	Drinking water quality impacts on health care expenditures in the United States. Water Resources and Economics, 2020, 32, 100162.	2.2	4

#	Article	IF	CITATIONS
3347	Waste Containment Ponds Are a Major Source of Secondary Organic Aerosol Precursors from Oil Sands Operations. Environmental Science & Technology, 2020, 54, 9872-9881.	10.0	6
3348	Air Quality Modeling Study on the Controlling Factors of Fine Particulate Matter (PM2.5) in Hanoi: A Case Study in December 2010. Atmosphere, 2020, 11, 733.	2.3	10
3349	Disparities in PM <sub>2.5</sub> air pollution in the United States. Science, 2020, 369, 575-578.	12.6	194
3350	Air pollution and molecular changes in age-related diseases. International Journal of Environmental Health Research, 2022, 32, 772-790.	2.7	4
3351	Stay or Leave? The Role of Air Pollution in Urban Migration Choices. Ecological Economics, 2020, 177, 106780.	5.7	69
3352	Low-cost sensors for measuring airborne particulate matter: Field evaluation and calibration at a South-Eastern European site. Science of the Total Environment, 2020, 748, 141396.	8.0	44
3353	Effects of particulate matter on atherosclerosis: a link via high-density lipoprotein (HDL) functionality?. Particle and Fibre Toxicology, 2020, 17, 36.	6.2	17
3354	Long-term exposure to PM and all-cause and cause-specific mortality: A systematic review and meta-analysis. Environment International, 2020, 143, 105974.	10.0	429
3355	Experimental Investigation of Air Quality in a Subway Station with Fully Enclosed Platform Screen Doors. International Journal of Environmental Research and Public Health, 2020, 17, 5213.	2.6	5
3356	Particulate matter concentrations and emissions of a fattening pig facility in northern China. Atmospheric Pollution Research, 2020, 11, 1902-1911.	3.8	10
3357	Investigation on air quality of specific indoor environments—spa salons located in Gdynia, Poland. Environmental Science and Pollution Research, 2020, 28, 59214-59232.	5.3	5
3358	A reusable, isoporous through-hole membrane filter for airborne particulate matter removal. Journal of Membrane Science, 2020, 612, 118474.	8.2	16
3359	Predicting the Use of Solar Photovoltaic Panels for Generating Electricity in the Area with Air Pollution. , 2020, , .		1
3360	Investigation on daily exposure to PM2.5 in Bandung city, Indonesia using low-cost sensor. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 1001-1012.	3.9	19
3362	Chemical speciation of PM2.5 in Tehran: Quantification of dust contribution and model validation. Atmospheric Pollution Research, 2020, 11, 1839-1846.	3.8	2
3363	Prolonged Life Expectancy for Those Dying of Stroke by Achieving the Daily PM 2.5 Targets. Global Challenges, 2020, 4, 2000048.	3.6	3
3364	Snow Impurities in the Central Pyrenees: From Their Geochemical and Mineralogical Composition towards Their Impacts on Snow Albedo. Atmosphere, 2020, 11, 937.	2.3	10
3365	Modulation of TRPV-1 by prostaglandin-E2 and bradykinin changes cough sensitivity and autonomic regulation of cardiac rhythm in healthy subjects. Scientific Reports, 2020, 10, 15163.	3.3	6

#	Article	IF	CITATIONS
3366	Aerosol Measurements by Soot Particle Aerosol Mass Spectrometer: a Review. Current Pollution Reports, 2020, 6, 440-451.	6.6	12
3367	Pollution, Health, and the Moderating Role of Physical Activity Opportunities. International Journal of Environmental Research and Public Health, 2020, 17, 6272.	2.6	11
3368	Primary Evaluation of the GCOM-C Aerosol Products at 380 nm Using Ground-Based Sky Radiometer Observations. Remote Sensing, 2020, 12, 2661.	4.0	6
3369	Race or racial segregation? Modification of the PM2.5 and cardiovascular mortality association. PLoS ONE, 2020, 15, e0236479.	2.5	16
3370	Air Quality Levels and Health Risk Assessment of Particulate Matters in Abuja Municipal Area, Nigeria. Atmosphere, 2020, 11, 817.	2.3	15
3371	Field Evaluation of Low-Cost Particulate Matter Sensors in Beijing. Sensors, 2020, 20, 4381.	3.8	21
3372	Estimating Arctic Temperature Impacts From Select European Residential Heating Appliances and Mitigation Strategies. Earth's Future, 2020, 8, e2020EF001493.	6.3	1
3373	Integrating meteorological factors for better understanding of the urban form-air quality relationship. Landscape Ecology, 2020, 35, 2357-2373.	4.2	19
3374	Characteristics and Formation Mechanisms of Winter Particulate Pollution in Lanzhou, Northwest China. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033369.	3.3	21
3375	Urban-Related Environmental Exposures during Pregnancy and Placental Development and Preeclampsia: a Review. Current Hypertension Reports, 2020, 22, 81.	3.5	15
3376	Wildfire and prescribed burning impacts on air quality in the United States. Journal of the Air and Waste Management Association, 2020, 70, 961-970.	1.9	21
3377	Correlates of Indoor Concentration of Carbon Monoxide in Residential Buildings in Gondar Town, Northwest Ethiopia. Environmental Health Insights, 2020, 14, 117863022097823.	1.7	2
3378	Chemistry and Microbiology of Urban Roof Runoff in Kraków, Poland with Ecological and Health Risk Implications. Applied Sciences (Switzerland), 2020, 10, 8554.	2.5	8
3379	Association between the Concentration and the Elemental Composition of Outdoor PM2.5 and Respiratory Diseases in Schoolchildren: A Multicenter Study in the Mediterranean Area. Atmosphere, 2020, 11, 1290.	2.3	3
3380	Comparison of Low-Cost Particulate Matter Sensors for Indoor Air Monitoring during COVID-19 Lockdown. Sensors, 2020, 20, 7290.	3.8	26
3381	Integrated Evaluation of Indoor Particulate Exposure: The VIEPI Project. Sustainability, 2020, 12, 9758.	3.2	22
3382	Determining the Relative Reactivity of Sulfate, Bisulfate, and Organosulfates with Epoxides on Secondary Organic Aerosol. ACS Earth and Space Chemistry, 2020, 4, 1793-1801.	2.7	7
3383	Seasonal variation of carbonaceous species in PM1 measured over residential area of Delhi, India. SN Applied Sciences, 2020, 2, 1.	2.9	4

#	Article	IF	CITATIONS
3384	The impact of the Hazelwood coal mine fire smoke exposure on asthma. Journal of Asthma, 2022, 59, 213-222.	1.7	7
3385	Semiparametric estimation of cross ovariance functions for multivariate random fields. Biometrics, 2021, 77, 547-560.	1.4	6
3386	Measuring The Impact Of Air Pollution On Health Care Costs. Health Affairs, 2020, 39, 2113-2119.	5.2	12
3387	The Effect of Temperature and Humidity on the Filtration Performance of Electret Melt-Blown Nonwovens. Materials, 2020, 13, 4774.	2.9	35
3388	Modeling Transition Metals in East Asia and Japan and Its Emission Sources. GeoHealth, 2020, 4, e2020GH000259.	4.0	15
3389	Longâ€Term Particulate Matter Exposure and Incidence of Arrhythmias: A Cohort Study. Journal of the American Heart Association, 2020, 9, e016885.	3.7	17
3390	Impacts of Built-Up Area Geometry on PM10 Levels: A Case Study in Brno, Czech Republic. Atmosphere, 2020, 11, 1042.	2.3	1
3391	Evaluating the Effectiveness of Urban Hedges as Air Pollution Barriers: Importance of Sampling Method, Species Characteristics and Site Location. Environments - MDPI, 2020, 7, 81.	3.3	8
3392	Observations of Aerosol Spatial Distribution and Emissions in New York City Using a Scanning Micro Pulse Lidar. EPJ Web of Conferences, 2020, 237, 03020.	0.3	4
3393	Health co-benefits of achieving sustainable net-zero greenhouse gas emissions in California. Nature Sustainability, 2020, 3, 597-605.	23.7	61
3394	The role of influenza vaccination in mitigating the adverse impact of ambient air pollution on lung function in children: New insights from the Seven Northeastern Cities Study in China. Environmental Research, 2020, 187, 109624.	7.5	8
3395	Optimizing Emissions Reductions from the U.S. Power Sector for Climate and Health Benefits. Environmental Science & Technology, 2020, 54, 7513-7523.	10.0	31
3396	Vertical Measurement of PM <sub>2.5</sub> and PM <sub>10</sub> in Street Canyons and Cohort Health Risk Estimation at Chennai, South India. Environmental Engineering Science, 2020, 37, 535-547.	1.6	7
3397	Connecting Air Quality with Emotional Well-Being and Neighborhood Infrastructure in a US City. Environmental Health Insights, 2020, 14, 117863022091548.	1.7	12
3398	Environmental determinants of cardiovascular disease: lessons learned from air pollution. Nature Reviews Cardiology, 2020, 17, 656-672.	13.7	352
3399	Development of a test method to determine the effectiveness of UVC systems on commercial cooking effluent (RP-1614). Science and Technology for the Built Environment, 2020, 26, 1285-1300.	1.7	1
3400	Effects of antioxidants on oxidative stress and inflammatory responses of human bronchial epithelial cells exposed to particulate matter and cigarette smoke extract. Toxicology in Vitro, 2020, 67, 104883.	2.4	25
3401	Indoor Air Quality Monitoring Systems for Enhanced Living Environments: A Review toward Sustainable Smart Cities. Sustainability, 2020, 12, 4024.	3.2	43

#	Article	IF	CITATIONS
3402	Comparison of effects of particle charging, media characteristics, humidity and aerosols on loading performance of electret media. Building and Environment, 2020, 179, 106962.	6.9	14
3403	Continuous production and properties of mutil-level nanofiber air filters by blow spinning. RSC Advances, 2020, 10, 19615-19620.	3.6	25
3404	Preparation of black lyophilic ink using the carbon soot emitted by vehicles. Environmental Science and Pollution Research, 2021, 28, 63440-63447.	5.3	2
3405	Effects of indoor activities and outdoor penetration on PM2.5 and associated organic/elemental carbon at residential homes in four Chinese cities during winter. Science of the Total Environment, 2020, 739, 139684.	8.0	14
3406	Investigation of the Dynamism of Nanosized SOA Particle Formation in Indoor Air by a Scanning Mobility Particle Sizer and Proton-Transfer-Reaction Mass Spectrometry. Molecules, 2020, 25, 2202.	3.8	4
3407	Source apportionment of size-segregated atmospheric particles and the influence of particles deposition in the human respiratory tract in rural and urban locations of north-east India. Chemosphere, 2020, 255, 126980.	8.2	22
3408	Nuclear factor of activated T cells as a marker of in vivo lowâ€dose dibenzo[ <i>a</i> , <i>h</i> ]anthracene exposure. Journal of Applied Toxicology, 2020, 40, 1239-1247.	2.8	3
3409	Long-term exposure to particulate air pollution and brachial artery flow-mediated dilation in the Old Order Amish. Environmental Health, 2020, 19, 50.	4.0	4
3410	Black carbon and size-segregated elemental carbon, organic carbon compositions in a megacity: a case study for Istanbul. Air Quality, Atmosphere and Health, 2020, 13, 827-837.	3.3	12
3411	Association between maternal exposure to PM10 and polydactyly and syndactyly: A population-based case-control study in Liaoning province, China. Environmental Research, 2020, 187, 109643.	7.5	11
3412	Cooking and electronic cigarettes leading to large differences between indoor and outdoor particle composition and concentration measured by aerosol mass spectrometry. Environmental Sciences: Processes and Impacts, 2020, 22, 1382-1396.	3.5	14
3413	Prenatal exposure to residential PM2.5 and anogenital distance in infants at birth: A birth cohort study from Shanghai, China. Environmental Pollution, 2020, 264, 114684.	7.5	7
3414	PM2.5 and O3 pollution during 2015–2019 over 367 Chinese cities: Spatiotemporal variations, meteorological and topographical impacts. Environmental Pollution, 2020, 264, 114694.	7.5	124
3415	Inflammatory cytokines and DNA methylation in healthy young adults exposure to fine particulate matter: A randomized, double-blind crossover trial of air filtration. Journal of Hazardous Materials, 2020, 398, 122817.	12.4	22
3417	High levels of primary biogenic organic aerosols are driven by only a few plant-associated microbial taxa. Atmospheric Chemistry and Physics, 2020, 20, 5609-5628.	4.9	16
3418	Changes in the elemental composition of particulate matter in a speleotherapeutic cave. Atmospheric Pollution Research, 2020, 11, 1142-1154.	3.8	3
3419	Assessment of PM2.5-bound nitrogen-containing organic compounds (NOCs) during winter at urban sites in China and Korea. Environmental Pollution, 2020, 265, 114870.	7.5	15
3420	Source apportionment of PM <sub>2.5</sub> at two Seattle chemical speciation sites. Journal of the Air and Waste Management Association, 2020, 70, 687-699.	1.9	3

#	Article	IF	CITATIONS
3421	Simultaneous Optical Photothermal Infrared (O-PTIR) and Raman Spectroscopy of Submicrometer Atmospheric Particles. Analytical Chemistry, 2020, 92, 9932-9939.	6.5	47
3422	Ambient particulate matter oxidative potential: Chemical determinants, associated health effects, and strategies for risk management. Free Radical Biology and Medicine, 2020, 151, 7-25.	2.9	91
3423	Airborne particulate matter from goat farm increases acute allergic airway responses in mice. Inhalation Toxicology, 2020, 32, 265-277.	1.6	0
3424	Preparation of UV-Resistant TPU Nanofiber and Its Application in Anti-Haze Window Screening. Journal of Fiber Science and Technology, 2020, 76, 183-189.	0.4	2
3425	Recent changes in winter PM2.5 contributions from wood smoke, motor vehicles, and other sources in the Northwest U.S Atmospheric Environment, 2020, 237, 117724.	4.1	10
3426	Detection of Microplastics in Ambient Particulate Matter Using Raman Spectral Imaging and Chemometric Analysis. Analytical Chemistry, 2020, 92, 8732-8740.	6.5	80
3427	Respiratory Inflammation and Short-Term Ambient Air Pollution Exposures in Adult Beijing Residents with and without Prediabetes: A Panel Study. Environmental Health Perspectives, 2020, 128, 67004.	6.0	31
3428	Effect of Particulate Matter Exposure on Respiratory Health of e-Waste Workers at Agbogbloshie, Accra, Ghana. International Journal of Environmental Research and Public Health, 2020, 17, 3042.	2.6	42
3429	Spatial–Temporal Variations in Atmospheric Factors Contribute to SARS-CoV-2 Outbreak. Viruses, 2020, 12, 588.	3.3	36
3430	Effect on Aerosol Optical Depth during Diwali Festival in Varanasi, India. , 2020, , .		1
3430 3431	Effect on Aerosol Optical Depth during Diwali Festival in Varanasi, India. , 2020, , . The role of particle resuspension within PM concentrations in underground subway systems. International Journal of Environmental Science and Technology, 2020, 17, 4075-4094.	3.5	1 8
3430 3431 3432	Effect on Aerosol Optical Depth during Diwali Festival in Varanasi, India. , 2020, , . The role of particle resuspension within PM concentrations in underground subway systems. International Journal of Environmental Science and Technology, 2020, 17, 4075-4094. Vertical distribution of particulate matter, black carbon and ultra-fine particles in Stuttgart, Germany. Atmospheric Pollution Research, 2020, 11, 1441-1450.	3.5 3.8	1 8 25
3430 3431 3432 3433	Effect on Aerosol Optical Depth during Diwali Festival in Varanasi, India. , 2020, , .   The role of particle resuspension within PM concentrations in underground subway systems. International Journal of Environmental Science and Technology, 2020, 17, 4075-4094.   Vertical distribution of particulate matter, black carbon and ultra-fine particles in Stuttgart, Germany. Atmospheric Pollution Research, 2020, 11, 1441-1450.   Porous TiO2 aerogel-modified SiC ceramic membrane supported MnOx catalyst for simultaneous removal of NO and dust. Journal of Membrane Science, 2020, 611, 118366.	3.5 3.8 8.2	1 8 25 37
3430 3431 3432 3433 3433	Effect on Aerosol Optical Depth during Diwali Festival in Varanasi, India., 2020, , .   The role of particle resuspension within PM concentrations in underground subway systems. International Journal of Environmental Science and Technology, 2020, 17, 4075-4094.   Vertical distribution of particulate matter, black carbon and ultra-fine particles in Stuttgart, Germany. Atmospheric Pollution Research, 2020, 11, 1441-1450.   Porous TiO2 aerogel-modified SiC ceramic membrane supported MnOx catalyst for simultaneous removal of NO and dust. Journal of Membrane Science, 2020, 611, 118366.   Oleic acid and derivatives affect human endothelial cell mitochondrial function and vasoactive mediator production. Lipids in Health and Disease, 2020, 19, 128.	3.5 3.8 8.2 3.0	1 8 25 37 5
3430 3431 3432 3433 3433	Effect on Aerosol Optical Depth during Diwali Festival in Varanasi, India. , 2020, , .   The role of particle resuspension within PM concentrations in underground subway systems. International Journal of Environmental Science and Technology, 2020, 17, 4075-4094.   Vertical distribution of particulate matter, black carbon and ultra-fine particles in Stuttgart, Germany. Atmospheric Pollution Research, 2020, 11, 1441-1450.   Porous TiO2 aerogel-modified SiC ceramic membrane supported MnOx catalyst for simultaneous removal of NO and dust. Journal of Membrane Science, 2020, 611, 118366.   Oleic acid and derivatives affect human endothelial cell mitochondrial function and vasoactive mediator production. Lipids in Health and Disease, 2020, 19, 128.   Source Apportionment of PM2.5 in Florence (Italy) by PMF Analysis of Aerosol Composition Records. Atmosphere, 2020, 11, 484.	3.5 3.8 8.2 3.0 2.3	1 8 25 37 5 16
3430 3431 3432 3433 3433 3435	Effect on Aerosol Optical Depth during Diwali Festival in Varanasi, India. , 2020, , .   The role of particle resuspension within PM concentrations in underground subway systems. International Journal of Environmental Science and Technology, 2020, 17, 4075-4094.   Vertical distribution of particulate matter, black carbon and ultra-fine particles in Stuttgart, Germany. Atmospheric Pollution Research, 2020, 11, 1441-1450.   Porous TiO2 aerogel-modified SiC ceramic membrane supported MnOx catalyst for simultaneous removal of NO and dust. Journal of Membrane Science, 2020, 611, 118366.   Oleic acid and derivatives affect human endothelial cell mitochondrial function and vasoactive mediator production. Lipids in Health and Disease, 2020, 19, 128.   Source Apportionment of PM2.5 in Florence (Italy) by PMF Analysis of Aerosol Composition Records. Atmosphere, 2020, 11, 484.   Detailed Assessment of the Effects of Meteorological Conditions on PM10 Concentrations in the Northeastern Part of the Czech Republic. Atmosphere, 2020, 11, 497.	3.5 3.8 8.2 3.0 2.3	1   8   25   37   5   16   14
3430 3431 3432 3433 3433 3435 3436	Effect on Aerosol Optical Depth during Diwali Festival in Varanasi, India. , 2020, , .   The role of particle resuspension within PM concentrations in underground subway systems. International Journal of Environmental Science and Technology, 2020, 17, 4075-4094.   Vertical distribution of particulate matter, black carbon and ultra-fine particles in Stuttgart, Germany. Atmospheric Pollution Research, 2020, 11, 1441-1450.   Porous TiO2 aerogel-modified SiC ceramic membrane supported MnOx catalyst for simultaneous removal of NO and dust. Journal of Membrane Science, 2020, 611, 118366.   Oleic acid and derivatives affect human endothelial cell mitochondrial function and vasoactive mediator production. Lipids in Health and Disease, 2020, 19, 128.   Source Apportionment of PM2.5 in Florence (Italy) by PMF Analysis of Aerosol Composition Records. Atmosphere, 2020, 11, 484.   Detailed Assessment of the Effects of Meteorological Conditions on PM10 Concentrations in the Northeastern Part of the Czech Republic. Atmosphere, 2020, 11, 497.   The influence of residential wood combustion on the concentrations of PM <sub> 2.5&lt;/sub&gt; in four Nordic cities. Atmospheric Chemistry and Physics, 2020, 20, 4333-4365.</sub>	3.5 3.8 8.2 3.0 2.3 2.3 4.9	1   8   25   37   5   16   14   40

#	Article	IF	CITATIONS
3439	Do acute changes in ambient air pollution increase the risk of potentially fatal cardiac arrhythmias in patients with implantable cardioverter defibrillators?. Environmental Health, 2020, 19, 72.	4.0	3
3440	Effects of solid particles with various charging states and oil aerosols on the filtration characteristics of electret media. Indoor and Built Environment, 2020, , 1420326X2093220.	2.8	4
3441	Effects of Sources and Meteorology on Ambient Particulate Matter in Austin, Texas. ACS Earth and Space Chemistry, 2020, 4, 602-613.	2.7	9
3442	Pollution and Performance: Do Investors Make Worse Trades on Hazy Days?. Management Science, 2020, 66, 4455-4476.	4.1	115
3443	Seasonal characteristics of aerosols (PM2.5 and PM10) and their source apportionment using PMF: A four year study over Delhi, India. Environmental Pollution, 2020, 262, 114337.	7.5	182
3444	Large-scale blow spinning of heat-resistant nanofibrous air filters. Nano Research, 2020, 13, 861-867.	10.4	41
3445	The characterization of fine particulate matter downwind of Houston: Using integrated factor analysis to identify anthropogenic and natural sources. Environmental Pollution, 2020, 262, 114345.	7.5	29
3446	How emissions uncertainty influences the distribution and radiative impacts of smoke from fires in North America. Atmospheric Chemistry and Physics, 2020, 20, 2073-2097.	4.9	67
3447	MicroRNA-382-5p is involved in pulmonary inflammation induced by fine particulate matter exposure. Environmental Pollution, 2020, 262, 114278.	7.5	20
3449	The regional nature of nitrate-dominant haze pollution during autumn over the Pearl River Delta area. Atmospheric and Oceanic Science Letters, 2020, 13, 252-259.	1.3	1
3450	The influence of a viaduct on PM dispersion in a typical street: Field experiment and numerical simulations. Atmospheric Pollution Research, 2020, 11, 815-824.	3.8	19
3451	Simultaneous Measurements of Chemical Compositions of Fine Particles during Winter Haze Period in Urban Sites in China and Korea. Atmosphere, 2020, 11, 292.	2.3	6
3452	Textile particle generation: test method for nonwovens modified for use on woven materials. Textile Reseach Journal, 2020, 90, 2284-2291.	2.2	4
3453	Effects of air pollution on the nervous system and its possible role in neurodevelopmental and neurodegenerative disorders. , 2020, 210, 107523.		206
3454	Physical and chemical mechanisms of the daily-to-seasonal variation of PM10 in Korea. Science of the Total Environment, 2020, 712, 136429.	8.0	18
3455	Santa Ana Winds of Southern California Impact PM <sub>2.5</sub> With and Without Smoke From Wildfires. GeoHealth, 2020, 4, e2019GH000225.	4.0	25
3456	Impact of long-term exposure wildfire smog on respiratory health outcomes. Expert Review of Respiratory Medicine, 2020, 14, 527-531.	2.5	15
3457	Design and Evaluation of a Reliable Low-Cost Atmospheric Pollution Station in Urban Environment. IEEE Access, 2020, 8, 51129-51144.	4.2	10

#	Article	IF	CITATIONS
3459	A Random Forest Approach to Estimate Daily Particulate Matter, Nitrogen Dioxide, and Ozone at Fine Spatial Resolution in Sweden. Atmosphere, 2020, 11, 239.	2.3	38
3460	Source apportionment of highly time-resolved elements during a firework episode from a rural freeway site in Switzerland. Atmospheric Chemistry and Physics, 2020, 20, 1657-1674.	4.9	37
3461	Association between ambient fine particulate matter and adult hospital admissions for pneumonia in Beijing, China. Atmospheric Environment, 2020, 231, 117497.	4.1	9
3462	Quantile regression analysis of the socioeconomic inequalities in air pollution and birth weight. Environment International, 2020, 142, 105875.	10.0	20
3463	Short-term effects of air pollutants on daily mortality in the Stockholm county – A spatiotemporal analysis. Environmental Research, 2020, 188, 109854.	7.5	14
3464	Molecular Composition and the Optical Properties of Brown Carbon Generated by the Ethane Flame. ACS Earth and Space Chemistry, 2020, 4, 1090-1103.	2.7	24
3465	Estimation of aircraft emissions at Georgian international airport. Energy, 2020, 206, 118219.	8.8	36
3466	Sensor-based Wireless Air Quality Monitoring Network (SWAQMN) - A smart tool for urban air quality management. Atmospheric Pollution Research, 2020, 11, 1588-1597.	3.8	24
3467	Synergistic enhancement of urban haze by nitrate uptake into transported hygroscopic particles in the Asian continental outflow. Atmospheric Chemistry and Physics, 2020, 20, 7575-7594.	4.9	15
3468	Clobal characteristics and trends of research on construction dust: based on bibliometric and visualized analysis. Environmental Science and Pollution Research, 2020, 27, 37773-37789.	5.3	28
3469	Conditions for a Meaningful Health Impact Assessment for Local Stakeholders: The Example of the Arve Valley in France. Atmosphere, 2020, 11, 566.	2.3	4
3470	Evaporation rates and pollutants emission from heated cooking oils and influencing factors. Environmental Pollution, 2020, 266, 115169.	7.5	11
3471	Better urban vegetation planning for maximum utility in air pollutant reduction: A theoretical perspective and preliminary analysis in Chinese cities. Sustainable Cities and Society, 2020, 62, 102377.	10.4	17
3472	Attributable Risk to Assess the Health Impact of Air Pollution: Advances, Controversies, State of the Art and Future Needs. International Journal of Environmental Research and Public Health, 2020, 17, 4512.	2.6	7
3473	Source Identification for the Smoluchowski Equation Using an Ensemble of Adjoint Equation Solutions. Numerical Analysis and Applications, 2020, 13, 152-164.	0.4	2
3474	Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing. Atmospheric Chemistry and Physics, 2020, 20, 7531-7552.	4.9	35
3475	Fine-grained prediction of PM2.5 concentration based on multisource data and deep learning. Atmospheric Pollution Research, 2020, 11, 1728-1737.	3.8	23
3476	Assessing schoolchildren's exposure to air pollution during the daily commute - A systematic review. Science of the Total Environment, 2020, 737, 140389.	8.0	32

щ		15	CITATIONS
#	Determinants of personal exposure to fine particulate matter in the retired adults – Results of a	IF	CHATIONS
3477	panel study in two megacities, China. Environmental Pollution, 2020, 265, 114989.	7.5	12
3478	Association between traffic emissions mixed with resuspended dust and heart rate variability among healthy adults in Delhi. Air Quality, Atmosphere and Health, 2020, 13, 371-378.	3.3	5
3479	Spatiotemporal trends of PM2.5 concentrations in central China from 2003 to 2018 based on MAIAC-derived high-resolution data. Environment International, 2020, 137, 105536.	10.0	49
3480	Relationship between indoor and outdoor size-fractionated particulate matter in urban microenvironments: Levels, chemical composition and sources. Environmental Research, 2020, 183, 109203.	7.5	53
3481	Indoor Particulate Matter From Smoker Homes Induces Bacterial Growth, Biofilm Formation, and Impairs Airway Antimicrobial Activity. A Pilot Study. Frontiers in Public Health, 2019, 7, 418.	2.7	7
3482	The role of cities in reducing the cardiovascular impacts of environmental pollution in low- and middle-income countries. BMC Medicine, 2020, 18, 39.	5.5	17
3483	Risks of N95 Face Mask Use in Subjects With COPD. Respiratory Care, 2020, 65, 658-664.	1.6	109
3484	Soot elimination and heat recovery of industrial flue gas by heterogeneous condensation. Scientific Reports, 2020, 10, 2929.	3.3	3
3485	E-waste recycling and public exposure to organic compounds in developing countries: a review of recycling practices and toxicity levels in Ghana. Environmental Technology Reviews, 2020, 9, 1-19.	4.3	18
3486	Who Could Not Avoid Exposure to High Levels of Residence-Based Pollution by Daily Mobility? Evidence of Air Pollution Exposure from the Perspective of the Neighborhood Effect Averaging Problem (NEAP). International Journal of Environmental Research and Public Health, 2020, 17, 1223.	2.6	24
3487	Using Machine Learning for the Calibration of Airborne Particulate Sensors. Sensors, 2020, 20, 99.	3.8	27
3488	Variability of air pollutants, and PM composition and sources at a regional background site in the Balearic Islands: Review of western Mediterranean phenomenology from a 3-year study. Science of the Total Environment, 2020, 717, 137177.	8.0	14
3489	The Alerting Effect from Rising Public Awareness of Air Quality on the Outdoor Activities of Megacity Residents. Sustainability, 2020, 12, 820.	3.2	8
3490	Narratives of resistance to technological change: Drawing lessons for urban energy transitions in southern Chile. Energy Research and Social Science, 2020, 65, 101473.	6.4	12
3491	Effect of ambient air pollution exposure on renal dysfunction among hospitalized patients in Shanghai, China. Public Health, 2020, 181, 196-201.	2.9	18
3492	Endogenous doesn't always mean innocuous: a scoping review of iron toxicity by inhalation. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2020, 23, 107-136.	6.5	12
3493	Total sulfur analysis of fine particulate mass on nylon filters by ICP–OES. Journal of Environmental Quality, 2020, 49, 762-768.	2.0	3
3494	ls traffic accident related to air pollution? A case report from an island of Taihu Lake, China. Atmospheric Pollution Research, 2020, 11, 1028-1033.	3.8	40

#	Article	IF	CITATIONS
3495	<mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">altimg="si1.svg"&gt;<mml:mrow><mml:msup><mml:mi>î</mml:mi><mml:mn>13</mml:mn></mml:msup>signatures of organic aerosols: Measurement method evaluation and application in a source study. Journal of Aerosol Science, 2020, 145, 105534.</mml:mrow></mml:math>	ırgws <td>nl:math&gt;C 12</td>	nl:math>C 12
3496	Willingness to pay for staying away from haze: Evidence from a quasi-natural experiment in Xi'an. Journal of Environmental Management, 2020, 262, 110301.	7.8	17
3497	Effect of NOx and SO2 on the photooxidation of methylglyoxal: Implications in secondary aerosol formation. Journal of Environmental Sciences, 2020, 92, 151-162.	6.1	18
3498	Analysis of air pollution time series using complexity-invariant distance and information measures. Physica A: Statistical Mechanics and Its Applications, 2020, 547, 124391.	2.6	14
3499	Do double-edged swords cut both ways? Housing inequality and haze pollution in Chinese cities. Science of the Total Environment, 2020, 719, 137404.	8.0	8
3500	Source apportionment of fine particulate matter over a National Park in Central India. Science of the Total Environment, 2020, 720, 137511.	8.0	25
3501	The effects of air pollution and meteorological factors on measles cases in Lanzhou, China. Environmental Science and Pollution Research, 2020, 27, 13524-13533.	5.3	64
3502	General health and residential proximity to the coast in Belgium: Results from a cross-sectional health survey. Environmental Research, 2020, 184, 109225.	7.5	41
3503	Reduced graphene-oxide filter system for removing filterable and condensable particulate matter from source. Journal of Hazardous Materials, 2020, 391, 122223.	12.4	12
3504	Investigation of real-life operating patterns of wood-burning appliances using stack temperature data. Journal of the Air and Waste Management Association, 2020, 70, 393-409.	1.9	8
3505	Changes in extrapulmonary organs and serum enzyme biomarkers after chronic exposure to Buenos Aires air pollution. Environmental Science and Pollution Research, 2020, 27, 14529-14542.	5.3	12
3506	Biogenic volatile organic compounds (BVOCs) reactivity related to new particle formation (NPF) over the Landes forest. Atmospheric Research, 2020, 237, 104869.	4.1	19
3507	Humidity, density, and inlet aspiration efficiency correction improve accuracy of a low-cost sensor during field calibration at a suburban site in the North-Western Indo-Gangetic plain (NW-IGP). Aerosol Science and Technology, 2020, 54, 685-703.	3.1	11
3508	Monetary valuation of urban nature's health effects: a systematic review. Journal of Environmental Planning and Management, 2020, 63, 1716-1737.	4.5	5
3509	Impacts of Sources on PM <sub>2.5</sub> Oxidation Potential during and after the Asia-Pacific Economic Cooperation Conference in Huairou, Beijing. Environmental Science & Technology, 2020, 54, 2585-2594.	10.0	6
3510	Seasonal effects of ambient PM <sub>2.5</sub> on the cardiovascular system of hyperlipidemic mice. Journal of the Air and Waste Management Association, 2020, 70, 307-323.	1.9	4
3511	Aerosol mass and major composition characterization of ambient air in Ho Chi Minh City, Vietnam. International Journal of Environmental Science and Technology, 2020, 17, 3189-3198.	3.5	23
3512	Moving beyond Fine Particle Mass: High-Spatial Resolution Exposure to Source-Resolved Atmospheric Particle Number and Chemical Mixing State. Environmental Health Perspectives, 2020, 128, 17009.	6.0	16

#	Article	IF	CITATIONS
3513	Integrated experimental and theoretical approach to probe the synergistic effect of ammonia in methanesulfonic acid reactions with small alkylamines. Environmental Sciences: Processes and Impacts, 2020, 22, 305-328.	3.5	18
3514	No Evidence That Electric Charge Increases Inhaled Ultrafine Particle Deposition in Human Lungs. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1301-1303.	5.6	4
3515	Potential gains in life expectancy by attaining daily ambient fine particulate matter pollution standards in mainland China: A modeling study based on nationwide data. PLoS Medicine, 2020, 17, e1003027.	8.4	94
3516	Reactive oxygen species production by BP-1,6-quinone and its effects on the endothelial dysfunction: Involvement of the mitochondria. Toxicology Letters, 2020, 322, 120-130.	0.8	14
3517	Towards a better management of urban traffic pollution using a Pareto max flow approach. Transportation Research, Part D: Transport and Environment, 2020, 79, 102194.	6.8	8
3518	Investigating Soot Parameters in an Ethane/Air Counterflow Diffusion Flame at Elevated Pressures. Combustion Science and Technology, 2020, , 1-16.	2.3	7
3519	Dynamic classification of personal microenvironments using a suite of wearable, low-cost sensors. Journal of Exposure Science and Environmental Epidemiology, 2020, 30, 962-970.	3.9	9
3520	Indoor concentrations of PM2.5 and associated water-soluble and labile heavy metal fractions in workplaces: implications for inhalation health risk assessment. Environmental Science and Pollution Research, 2020, 28, 58983-58993.	5.3	14
3521	Nanosecond laser irradiation of soot particles: Insights on structure and optical properties. Experimental Thermal and Fluid Science, 2020, 114, 110064.	2.7	19
3522	How Good Is our Place—Implementation of the Place Standard Tool in North Macedonia. International Journal of Environmental Research and Public Health, 2020, 17, 194.	2.6	7
3523	Spatiotemporal Variations and Factors of Air Quality in Urban Central China during 2013–2015. International Journal of Environmental Research and Public Health, 2020, 17, 229.	2.6	15
3524	Analysis of Short-Term Effects of Air Pollution on Cardiovascular Disease Using Bayesian Spatio-Temporal Models. International Journal of Environmental Research and Public Health, 2020, 17, 879.	2.6	16
3525	The long-term impact of restricting cycling and walking during high air pollution days on all-cause mortality: Health impact Assessment study. Environment International, 2020, 140, 105679.	10.0	33
3526	Evaluation of Aldehydes, Polycyclic Aromatic Hydrocarbons, and PM <sub>2.5</sub> Levels in Food Trucks: A Pilot Study. Workplace Health and Safety, 2020, 68, 443-451.	1.4	3
3527	Functional Factors of Biomass Burning Contribution to Spring Aerosol Composition in a Megacity: Combined FTIR-PCA Analyses. Atmosphere, 2020, 11, 319.	2.3	15
3528	Experimental Assessment of Dust Emissions on Compacted Soils Degraded by Traffic. Atmosphere, 2020, 11, 369.	2.3	3
3529	Radiocarbon analysis of carbonaceous aerosols in Bratislava, Slovakia. Journal of Environmental Radioactivity, 2020, 218, 106221.	1.7	9
3530	Impact of wind speed and apartment ventilation on indoor concentrations of PM10 and PM2.5 in Kraków, Poland. Air Quality, Atmosphere and Health, 2020, 13, 553-562.	3.3	22

#	Article	IF	CITATIONS
3531	Compartmental process-based model for estimating ammonia emissions from stored liquid dairy manure. SN Applied Sciences, 2020, 2, 1.	2.9	5
3532	Estimating ground-level PM2.5 using micro-satellite images by a convolutional neural network and random forest approach. Atmospheric Environment, 2020, 230, 117451.	4.1	37
3533	Cytotoxicity of PM2.5 vehicular emissions in the Shing Mun Tunnel, Hong Kong. Environmental Pollution, 2020, 263, 114386.	7.5	29
3534	Temporal variations of PM concentrations, and its association with AOD and meteorology observed in Nanjing during the autumn and winter seasons of 2014–2017. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 203, 105273.	1.6	14
3535	Wildfire and prescribed burning impacts on air quality in the United States. Journal of the Air and Waste Management Association, 2020, 70, 583-615.	1.9	180
3536	Air Quality Characterization at Three Industrial Areas in Southern Italy. Frontiers in Environmental Science, 2020, 7, .	3.3	6
3537	A Traffic-Based Method to Predict and Map Urban Air Quality. Applied Sciences (Switzerland), 2020, 10, 2035.	2.5	25
3538	Web-Based Visualization of Scientific Research Findings: National-Scale Distribution of Air Pollution in South Korea. International Journal of Environmental Research and Public Health, 2020, 17, 2230.	2.6	7
3539	Modeling diurnal variation of surface PM <sub>2.5</sub> concentrations over East China with WRF-Chem: impacts from boundary-layer mixing and anthropogenic emission. Atmospheric Chemistry and Physics, 2020, 20, 2839-2863.	4.9	37
3540	Characterization of airborne dust samples collected from core areas of Kathmandu Valley. Heliyon, 2020, 6, e03791.	3.2	26
3541	Intra-seasonal differences in the atmospheric systems contributing to interannual variations of autumn haze pollution in the North China Plain. Theoretical and Applied Climatology, 2020, 141, 389-403.	2.8	6
3542	Site-Specific Mechanisms in OH-Initiated Organic Aerosol Heterogeneous Oxidation Revealed by Isomer-Resolved Molecular Characterization. ACS Earth and Space Chemistry, 2020, 4, 783-794.	2.7	12
3543	Effects of injection pressure on the NOx and PM emission control of diesel engine: A review under the aspect of PCCI combustion condition. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-18.	2.3	62
3544	Secondary aerosol formation and its linkage with synoptic conditions during winter haze pollution over eastern China. Science of the Total Environment, 2020, 730, 138888.	8.0	24
3545	Source Contributions to Rural Carbonaceous Winter Aerosol in North-Eastern Poland. Atmosphere, 2020, 11, 263.	2.3	6
3546	Schoolchildren's exposure to PM2.5: a student club–based air quality monitoring campaign using low-cost sensors. Air Quality, Atmosphere and Health, 2020, 13, 543-551.	3.3	17
3547	Impacts of regional transport and boundary layer structure on the PM2.5 pollution in Wuhan, Central China. Atmospheric Environment, 2020, 230, 117508.	4.1	26
3548	Organic chemical characterization of size segregated particulate matter samples collected from a thermal power plant area. Environmental Pollution, 2020, 262, 114360.	7.5	11

#	Article	IF	CITATIONS
3549	The effects of fuel standards on air pollution: Evidence from China. Journal of Development Economics, 2020, 146, 102488.	4.5	64
3550	Growing Up in a Steel Town: Early-Life Pollution Exposure and Later-Life Mortality. Social Science History, 2020, 44, 117-142.	0.5	1
3551	Validation and Accuracy Analysis of the Collection 6.1 <scp>MODIS</scp> Aerosol Optical Depth Over the Westernmost City in China Based on the Sunâ€Sky Radiometer Observations From SONET. Earth and Space Science, 2020, 7, e2019EA001041.	2.6	22
3552	Living Environment Quality Determinants, Including PM2.5 and PM10 Dust Pollution in the Context of Spatial Issues—The Case of Radzionków. Buildings, 2020, 10, 58.	3.1	13
3553	Estimating Ground-Level Particulate Matter in Five Regions of China Using Aerosol Optical Depth. Remote Sensing, 2020, 12, 881.	4.0	8
3554	Antimony as a tracer of non-exhaust traffic emissions in air pollution in Granada (S Spain) using lichen bioindicators. Environmental Pollution, 2020, 263, 114482.	7.5	16
3555	PM2.5 exposure of various microenvironments in a community: Characteristics and applications. Environmental Pollution, 2020, 263, 114522.	7.5	13
3556	Uncovering the invisible effect of air pollution on stock returns: A moderation and mediation analysis. Finance Research Letters, 2021, 39, 101646.	6.7	17
3557	Application of micro-morphology in the physical characterization of urban road dust. Particuology, 2021, 54, 146-155.	3.6	9
3558	Gulf Coast parents speak: children's health in the aftermath of the Deepwater Horizon oil spill. Environmental Hazards, 2021, 20, 248-263.	2.5	7
3559	Effect of particulate iron on tracking indoor PM <sub>2.5</sub> of outdoor origin: A case study in Nanjing, China. Indoor and Built Environment, 2021, 30, 711-723.	2.8	8
3560	Assessment of mobile source air toxics in an Environmental Justice Denver community adjacent to a freeway. Journal of the Air and Waste Management Association, 2021, 71, 231-246.	1.9	1
3561	Measuring non-road diesel emissions in the construction industry: a synopsis of the literature. International Journal of Construction Management, 2021, 21, 582-597.	3.2	20
3562	Physiochemistry characteristics and sources of submicron aerosols at the background area of North China Plain: Implication of air pollution control in heating season. Atmospheric Research, 2021, 249, 105291.	4.1	10
3563	Notch1-mediated inflammation is associated with endothelial dysfunction in human brain microvascular endothelial cells upon particulate matter exposure. Archives of Toxicology, 2021, 95, 529-540.	4.2	9
3564	Quantifying metal emissions from vehicular traffic using real world emission factors. Environmental Pollution, 2021, 268, 115805.	7.5	38
3566	Biochar from pyrolyzed Tibetan Yak dung as a novel additive in ensiling sweet sorghum: An alternate to the hazardous use of Yak dung as a fuel in the home. Journal of Hazardous Materials, 2021, 403, 123647.	12.4	10
3567	Air Pollution and Cardiac Arrhythmias: A Comprehensive Review. Current Problems in Cardiology, 2021, 46, 100649.	2.4	35

#	Article	IF	CITATIONS
3568	Respiratory effects of road pollution in recreational cyclists: a pilot study. Archives of Environmental and Occupational Health, 2021, 76, 94-102.	1.4	2
3569	Atmospheric particle-bound polycyclic aromatic hydrocarbons, n-alkanes, hopanes, steranes and trace metals: PM2.5 source identification, individual and cumulative multi-pathway lifetime cancer risk assessment in the urban environment. Science of the Total Environment, 2021, 752, 141834.	8.0	46
3570	Fine and coarse particulate matter, trace element content, and associated health risks considering respiratory deposition for Ergene Basin, Thrace. Science of the Total Environment, 2021, 754, 142026.	8.0	12
3571	Quantitative analysis of air pollution and mortality in Portugal: Current trends and links following proposed biological pathways. Science of the Total Environment, 2021, 755, 142473.	8.0	11
3572	Contribution of tailpipe and non-tailpipe traffic sources to quasi-ultrafine, fine and coarse particulate matter in southern California. Journal of the Air and Waste Management Association, 2021, 71, 209-230.	1.9	36
3573	Experimental study on the effects of diversion device on pulse-jet cleaning of horizontal filter cartridge. Chemical Engineering Research and Design, 2021, 145, 247-254.	5.6	18
3574	Source apportionment of magnetite particles in roadside airborne particulate matter. Science of the Total Environment, 2021, 752, 141828.	8.0	49
3575	Polycyclic aromatic compounds in particulate matter and indoor dust at preschools in Stockholm, Sweden: Occurrence, sources and genotoxic potential in vitro. Science of the Total Environment, 2021, 755, 142709.	8.0	31
3576	Chemical and isotopic characteristics of PM2.5 over New Delhi from September 2014 to May 2015: Evidences for synergy between air-pollution and meteorological changes. Science of the Total Environment, 2021, 763, 142966.	8.0	25
3577	A correlation study between weather and atmosphere with COVID-19 pandemic in Islamabad, Pakistan. Spatial Information Research, 2021, 29, 605-613.	2.2	6
3578	Identifying the spatiotemporal dynamic of PM2.5 concentrations at multiple scales using geographically and temporally weighted regression model across China during 2015–2018. Science of the Total Environment, 2021, 751, 141765.	8.0	85
3579	Criteria pollutant impacts of volatile chemical products informed by near-field modelling. Nature Sustainability, 2021, 4, 129-137.	23.7	58
3580	Elemental analysis of particulate matter in a metal workshop and of biological samples from exposed workers. X-Ray Spectrometry, 2021, 50, 68-79.	1.4	4
3581	Outdoor and indoor factors influencing particulate matter and carbon dioxide levels in naturally ventilated urban homes. Journal of the Air and Waste Management Association, 2021, 71, 60-69.	1.9	22
3582	Air pollution characteristics, health risks, and source analysis in Shanxi Province, China. Environmental Geochemistry and Health, 2021, 43, 391-405.	3.4	24
3583	Light absorption enhancement of particulate matters and their source apportionment over the Asian continental outflow site and South Yellow Sea. Environmental Science and Pollution Research, 2021, 28, 8022-8035.	5.3	6
3584	Health risk assessment of trace elements of ambient PM2.5 under monsoon patterns. Chemosphere, 2021, 264, 128462.	8.2	14
3585	Long-term characterization of aerosol chemistry in cold season from 2013 to 2020 in Beijing, China. Environmental Pollution, 2021, 268, 115952.	7.5	56

#	Article	IF	CITATIONS
3586	Do urban wage premia reflect lower amenities? Evidence from Africa. Journal of Urban Economics, 2021, 121, 103301.	4.4	24
3587	A critical review of the epidemiological evidence of effects of air pollution on dementia, cognitive function and cognitive decline in adult population. Science of the Total Environment, 2021, 757, 143734.	8.0	110
3588	Sooting tendency analysis of oxygenate-diesel blended fuels by the affecting indicators of carbon number, oxygen content and H/C ratio. Fuel, 2021, 290, 119789.	6.4	8
3589	Elemental composition of wind-blown sediments from contrasting textured soils. Aeolian Research, 2021, 48, 100656.	2.7	4
3590	Importance of regional PM2.5 transport and precipitation washout in heavy air pollution in the Twain-Hu Basin over Central China: Observational analysis and WRF-Chem simulation. Science of the Total Environment, 2021, 758, 143710.	8.0	48
3591	Global optimization of chemical cluster structures: Methods, applications, and challenges. International Journal of Quantum Chemistry, 2021, 121, e26553.	2.0	31
3592	The characteristics and sources apportionment of water-soluble ions of PM2.5 in suburb Tangshan, China. Urban Climate, 2021, 35, 100742.	5.7	13
3593	Characterizing the longâ€ŧerm dynamics of aerosol optical depth in the Yangtze River Middleâ€Reach urban agglomeration, China. International Journal of Climatology, 2021, 41, 2029-2044.	3.5	1
3594	Real-time information on air pollution and avoidance behavior: evidence from South Korea. Population and Environment, 2021, 42, 406-424.	3.0	20
3595	COVID-19 pandemic in Wuhan: Ambient air quality and the relationships between criteria air pollutants and meteorological variables before, during, and after lockdown. Atmospheric Research, 2021, 250, 105362.	4.1	77
3596	A novel laser-based method to measure the adsorption energy on carbonaceous surfaces. Carbon, 2021, 173, 540-556.	10.3	1
3597	The effect of air pollution on drivers' safety performance. Environmental Science and Pollution Research, 2021, 28, 15768-15781.	5.3	10
3598	High-temperature bearable polysulfonamide/polyacrylonitrile composite nanofibers for high-efficiency PM2.5 filtration. Composites Communications, 2021, 23, 100582.	6.3	19
3599	A Bayesian LSTM model to evaluate the effects of air pollution control regulations in Beijing, China. Environmental Science and Policy, 2021, 115, 26-34.	4.9	29
3600	Chemical characterization, source identification and health risk assessment of polycyclic aromatic hydrocarbons in ambient particulate matter over central Indo-Gangetic Plain. Urban Climate, 2021, 35, 100755.	5.7	12
3601	Particle number emission rates of aerosol sources in 40 German households and their contributions to ultrafine and fine particle exposure. Indoor Air, 2021, 31, 818-831.	4.3	11
3602	Climatology and calibration of MERRA-2 PM2.5 components over China. Atmospheric Pollution Research, 2021, 12, 357-366.	3.8	6
3603	Short-term personal and outdoor exposure to ultrafine and fine particulate air pollution in association with blood pressure and lung function in healthy adults. Environmental Research, 2021, 194, 110579.	7.5	17

#	Article	IF	CITATIONS
3604	An Episodic Assessment of Vehicle Emission Regulations on Saving Lives in California. Environmental Science & Technology, 2021, 55, 547-552.	10.0	9
3605	Change in risk of hospital admissions for ischemic heart disease after the implementation of a mass rapid transit system in Taipei. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, 84, 227-234.	2.3	4
3606	Air pollution and pre-eclampsia; associations and potential mechanisms. Placenta, 2021, 104, 188-194.	1.5	15
3607	Toxic Cyanobacteria: A Growing Threat to Water and Air Quality. Environmental Science & Technology, 2021, 55, 44-64.	10.0	146
3608	A study of atmospheric pollutants (particulates, metallic elements) at an agricultural site. Environmental Forensics, 2021, 22, 37-47.	2.6	2
3609	Evaluation of two low-cost PM monitors under different laboratory and indoor conditions. Aerosol Science and Technology, 2021, 55, 316-331.	3.1	8
3610	Bioavailability of elements in atmospheric PM2.5 during winter episodes at Central Eastern European urban background site. Atmospheric Environment, 2021, 245, 117993.	4.1	19
3611	Short-term differences in cardiac function following controlled exposure to cookstove air pollution: The subclinical tests on volunteers exposed to smoke (STOVES) study. Environment International, 2021, 146, 106254.	10.0	11
3612	Plasma-based technique applied to the determination of 21 elements in ten size fractions of atmospheric aerosols. Microchemical Journal, 2021, 160, 105736.	4.5	4
3613	Significant changes in autumn and winter aerosol composition and sources in Beijing from 2012 to 2018: Effects of clean air actions. Environmental Pollution, 2021, 268, 115855.	7.5	43
3614	Residential proximity to major roadways and cognitive function among Chinese adults 65Âyears and older. Science of the Total Environment, 2021, 766, 142607.	8.0	23
3615	Population density and urban air quality. Regional Science and Urban Economics, 2021, 86, 103596.	2.6	80
3616	Effects of air quality on house prices: evidence from China's Huai River Policy. New Zealand Economic Papers, 2021, 55, 52-65.	0.8	2
3617	Rapid increase in mortality attributable to PM2.5 exposure in India over 1998–2015. Chemosphere, 2021, 269, 128715.	8.2	12
3618	Physicochemical properties and cytotoxicity of brown carbon produced under different combustion conditions. Atmospheric Environment, 2021, 244, 117881.	4.1	14
3619	Seasonal variation of the criteria air pollutants concentration in an urban area of a high-altitude city. International Journal of Environmental Science and Technology, 2021, 18, 1167-1180.	3.5	6
3620	Investigating the seasonal variability in source contribution to PM2.5 and PM10 using different receptor models during 2013–2016 in Delhi, India. Environmental Science and Pollution Research, 2021, 28, 4660-4675.	5.3	21
3621	Formation of secondary organic aerosol from nitrate radical oxidation of phenolic VOCs: Implications for nitration mechanisms and brown carbon formation. Atmospheric Environment, 2021, 244, 117910.	4.1	50

#	Article	IF	CITATIONS
3622	The economic loss of public health from PM2.5 pollution in the Fenwei Plain. Environmental Science and Pollution Research, 2021, 28, 2415-2425.	5.3	12
3623	UK COVID-19 lockdown: 100 days of air pollution reduction?. Air Quality, Atmosphere and Health, 2021, 14, 325-332.	3.3	62
3624	Exploring the capacity of renewable energy consumption to reduce outdoor air pollution death rate in Latin America and the Caribbean region. Environmental Science and Pollution Research, 2021, 28, 1656-1674.	5.3	88
3625	Public health impact of coal-fired power plants: a critical systematic review of the epidemiological literature. International Journal of Environmental Health Research, 2021, 31, 558-580.	2.7	11
3626	Estimation of toxicity of airborne particulates. , 2021, , 111-125.		0
3627	Effect of water-soluble PM10 on the production of TNF-α by human monocytes and induction of apoptosis in A549 human lung epithelial cells. Journal of Environmental Health Science & Engineering, 2021, 19, 143-150.	3.0	3
3628	Power-law behaviors of the duration size of unhealthy air pollution events. Stochastic Environmental Research and Risk Assessment, 2021, 35, 1499-1508.	4.0	12
3629	Progresses and Major Research Challenges Under Changing Environmental Conditions. , 2021, , 503-527.		0
3630	Calculation of Aircraft Emissions During Landing and Take-Off (LTO) Cycles at Batumi International Airport, Georgia. International Journal of Environment and Geoinformatics, 2021, 8, 186-192.	0.8	7
3631	Dust Storm Satellite Images. , 2021, , 1-46.		1
3632	Circadian Deregulation as Possible New Player in Pollution-Induced Tissue Damage. Atmosphere, 2021, 12, 116.	2.3	4
3633	General Mechanism for Sulfate Radical Addition to Olefinic Volatile Organic Compounds in Secondary Organic Aerosol. Environmental Science & Technology, 2021, 55, 1456-1465.	10.0	18
3634	Associations Between Simulated Future Changes in Climate, Air Quality, and Human Health. JAMA Network Open, 2021, 4, e2032064.	5.9	36
3635	Relationships Between Outdoor Ambient Air Pollution and Cardiovascular Disorders. Environmental Chemistry for A Sustainable World, 2021, , 261-305.	0.5	1
3636	Geographic and Socioeconomic Heterogeneity in the Benefits of Reducing Air Pollution in the United States. Environmental and Energy Policy and the Economy, 2021, 2, 157-189.	3.3	7
3637	Journal Club-Respiratory Impact of Wildfire Smoke. Chronic Obstructive Pulmonary Diseases (Miami,) Tj ETQq1 1	0.784314	rgBT /Over
3638	High Level of Real Urban Air Pollution Promotes Cardiac Arrhythmia in Healthy Mice. Korean Circulation Journal, 2021, 51, 157.	1.9	6
3639	Influence of a Biomass-Burning Event in PM2.5 Concentration and Air Quality: A Case Study in the Metropolitan Area of São Paulo. Sensors, 2021, 21, 425.	3.8	7

#	Article	IF	CITATIONS
3640	In-flow optical characterization of flame-generated carbon nanoparticles sampled from a premixed flame. Physical Chemistry Chemical Physics, 2021, 23, 15702-15712.	2.8	10
3641	Preventing heart failure: a position paper of the Heart Failure Association in collaboration with the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 2022, 29, 275-300.	1.8	11
3642	Chemical composition and source attribution of PM2.5 and PM10 in Delhi-National Capital Region (NCR) of India: results from an extensive seasonal campaign. Journal of Atmospheric Chemistry, 2021, 78, 35-58.	3.2	13
3643	A hybrid model for forecasting of particulate matter concentrations based on multiscale characterization and machine learning techniques. Mathematical Biosciences and Engineering, 2021, 18, 1992-2009.	1.9	11
3644	The Impact of Ambient Atmospheric Mineral-Dust Particles on the Calcification of Lungs. Minerals (Basel, Switzerland), 2021, 11, 125.	2.0	1
3645	Spatial-Temporal Modelling of Disease Risk Accounting for PM2.5 Exposure in the Province of Pavia: An Area of the Po Valley. International Journal of Environmental Research and Public Health, 2021, 18, 658.	2.6	3
3646	Direct measurements of black carbon fluxes in central Beijing using the eddy covariance method. Atmospheric Chemistry and Physics, 2021, 21, 147-162.	4.9	6
3647	The Use of LES CFD Urban Models and Mesoscale Air Quality Models for Urban Air Quality Simulations. Studies in Systems, Decision and Control, 2021, , 185-199.	1.0	1
3648	Behavior of the Average Concentrations As Well As Their PM10 and PM2.5 Variability in the Metropolitan Area of Lima, Peru: Case Study February and July 2016. International Journal of Environmental Science and Development, 2021, 12, 204-213.	0.6	4
3649	Temporal Variability of Equivalent Black Carbon Components in Atmospheric Air in Southern Poland. Atmosphere, 2021, 12, 119.	2.3	8
3650	Short-term exposure to air pollution and hospital admission for pneumonia: a systematic review and meta-analysis. Environmental Health, 2021, 20, 6.	4.0	48
3651	COVID19: Forecasting Air Quality Index and Particulate Matter (PM2.5). Computers, Materials and Continua, 2021, 67, 3363-3380.	1.9	6
3652	A porous hybrid material for air particulate matter reduction. , 2021, , 595-622.		0
3653	High efficiency hierarchical porous composite microfiltration membrane for high-temperature particulate matter capturing. Npj Materials Degradation, 2021, 5, .	5.8	15
3654	Numerical Analysis of Ultrasonic Multiple Scattering for Fine Dust Number Density Estimation. Applied Sciences (Switzerland), 2021, 11, 555.	2.5	3
3655	Pollution in Ugandan Cities: Do Managers Avoid it or Adapt in Place?. SSRN Electronic Journal, 0, , .	0.4	0
3656	Accurate Computational Model for the Hydration Extent of Atmospherically Relevant Carbonyls on Aqueous Atmospheric Particles. ACS Earth and Space Chemistry, 2021, 5, 348-355.	2.7	4
3657	Introductory lecture: air quality in megacities. Faraday Discussions, 2021, 226, 9-52.	3.2	34

#	Article	IF	CITATIONS
3658	Analysis of daily and seasonal variation of fine particulate matter (PM2.5) for five cities of China. Environment, Development and Sustainability, 2021, 23, 12095-12123.	5.0	7
3659	Deep Spatiotemporal Attention Network for Fine Particle Matter 2.5 Concentration Prediction With Causality Analysis. IEEE Access, 2021, 9, 73230-73239.	4.2	7
3660	Stationary and portable multipollutant monitors for high-spatiotemporal-resolution air quality studies including online calibration. Atmospheric Measurement Techniques, 2021, 14, 995-1013.	3.1	16
3661	FeAl/Al2O3 porous composite microfiltration membrane for highly efficiency highâ€ŧemperature particulate matter capturing. Journal of Porous Materials, 2021, 28, 955-961.	2.6	4
3662	Calculation of the Vapour Pressure of Organic Molecules by Means of a Group-Additivity Method and Their Resultant Gibbs Free Energy and Entropy of Vaporization at 298.15 K. Molecules, 2021, 26, 1045.	3.8	14
3663	Dynamic Complex Network Analysis of PM2.5 Concentrations in the UK, Using Hierarchical Directed Graphs (V1.0.0). Sustainability, 2021, 13, 2201.	3.2	9
3664	Assessing the COVIDâ€19 Impact on Air Quality: A Machine Learning Approach. Geophysical Research Letters, 2021, 48, e2020GL091202.	4.0	30
3665	Spatial and seasonal variations in particulate matter and gaseous pollutants around integrated industrial estate (IIE), SIDCUL, Haridwar: a case study. Environment, Development and Sustainability, 2021, 23, 15619-15638.	5.0	7
3666	Exposures and health impact for bicycle and electric scooter commuters in Taipei. Transportation Research, Part D: Transport and Environment, 2021, 91, 102696.	6.8	6
3667	Public involvement in risk governance in the internet era: impact of new rules of building trust and credibility. Journal of Risk Research, 2022, 25, 991-1007.	2.6	4
3668	Air quality and COVID-19 adverse outcomes: Divergent views and experimental findings. Environmental Research, 2021, 193, 110556.	7.5	22
3669	Does haze cloud decision making? A natural laboratory experiment. Journal of Economic Behavior and Organization, 2021, 182, 132-161.	2.0	34
3670	Quantum chemical study of gas-phase reactions of isoprene with OH radicals producing highly oxidised second-generation products. Journal of Molecular Modeling, 2021, 27, 62.	1.8	1
3671	Spatio-Temporal Characteristics of PM2.5, PM10, and AOD over the Central Line Project of China's South-North Water Diversion in Henan Province (China). Atmosphere, 2021, 12, 225.	2.3	4
3672	Evaluation and Application of a Novel Low-Cost Wearable Sensing Device in Assessing Real-Time PM2.5 Exposure in Major Asian Transportation Modes. Atmosphere, 2021, 12, 270.	2.3	9
3673	Development and validation of an intra-calibration procedure for MiniDISCs measuring ultrafine particles in multi-spatial indoor environments. Atmospheric Environment, 2021, 246, 118154.	4.1	8
3674	COVID-19 lockdown only partially alleviates health impacts of air pollution in Northern Italy. Environmental Research Letters, 2021, 16, 035012.	5.2	23
3675	Development and Assessment of Spatially Continuous Predictive Algorithms for Fine Particulate Matter in New York State. Atmosphere, 2021, 12, 315.	2.3	4

#	Article	IF	Citations
3676	An evaluation of the performance of a green panel in improving air quality, the case study in a street canyon in Modena, Italy. Atmospheric Environment, 2021, 247, 118189.	4.1	9
3678	Disease burden and excess mortality from coal-fired power plant emissions in Europe. Environmental Research Letters, 2021, 16, 045010.	5.2	21
3679	Unraveling Street-Level Air Pollution upon a Pivotal City of Yangtze River Delta, China. Aerosol Science and Engineering, 2021, 5, 166-192.	1.9	1
3680	Assessment of climate change impact on wintertime meteorology over California using dynamical downscaling method with a bias correction technique. Climate Dynamics, 2021, 57, 375-393.	3.8	1
3681	Carbonaceous Fractions Contents and Carbon Stable Isotope Compositions of Aerosols Collected in the Atmosphere of Montreal (Canada): Seasonality, Sources, and Implications. Frontiers in Environmental Science, 2021, 9, .	3.3	7
3682	Gas-Particle Partitioning and SOA Yields of Organonitrate Products from NO <sub>3</sub> -Initiated Oxidation of Isoprene under Varied Chemical Regimes. ACS Earth and Space Chemistry, 2021, 5, 785-800.	2.7	15
3683	Vertical Distributions of Primary and Secondary Aerosols in Urban Boundary Layer: Insights into Sources, Chemistry, and Interaction with Meteorology. Environmental Science & Technology, 2021, 55, 4542-4552.	10.0	16
3684	Testing of Alternative Disc Brakes and Friction Materials Regarding Brake Wear Particle Emissions and Temperature Behavior. Atmosphere, 2021, 12, 436.	2.3	22
3685	Wildfire smoke impacts respiratory health more than fine particles from other sources: observational evidence from Southern California. Nature Communications, 2021, 12, 1493.	12.8	230
3686	Comparing Methods to Impute Missing Daily Ground-Level PM10 Concentrations between 2010–2017 in South Africa. International Journal of Environmental Research and Public Health, 2021, 18, 3374.	2.6	8
3687	Air Quality in Six Northern Indian Cities During Diwali 2020: The Real Tragedy in Disguise. Asian Journal of Chemistry, 2021, 33, 909-918.	0.3	3
3688	Assessment of Pollution and Health Risks of Heavy Metals in Particulate Matter and Road Dust Along the Road Network of Dhanbad, India. Journal of Health and Pollution, 2021, 11, 210305.	1.8	29
3689	Composition of particulate matter during a wildfire smoke episode in an urban area. Aerosol Science and Technology, 2021, 55, 734-747.	3.1	26
3690	Relationships among haze pollution, commuting behavior and life satisfaction: A quasi-longitudinal analysis. Transportation Research, Part D: Transport and Environment, 2021, 92, 102723.	6.8	18
3691	Developing a wavelet-AI hybrid model for short- and long-term predictions of the pollutant concentration of particulate matter10. International Journal of Environmental Science and Technology, 2022, 19, 209-222.	3.5	5
3693	Use of portable air purifiers in homes: Operating behaviour, effect on indoor PM2.5 and perceived indoor air quality. Building and Environment, 2021, 191, 107621.	6.9	54
3694	Measurement report: Chemical characteristics of PM <sub>2.5</sub> during typical biomass burning season at an agricultural site of the North China Plain. Atmospheric Chemistry and Physics, 2021, 21, 3181-3192.	4.9	17
3695	Impact of Restrictive Measures during the Covid-19 Pandemic on Aerosol Pollution of the Atmosphere of the Moscow Megalopolis. Herald of the Russian Academy of Sciences, 2021, 91, 213-222.	0.6	5

#	Article	IF	CITATIONS
3696	Different exhaust temperature management technologies for heavy-duty diesel engines with regard to thermal efficiency. Applied Thermal Engineering, 2021, 186, 116495.	6.0	20
3697	Monitoring uranium mine pollution on Native American lands: Insights from tree bark particulate matter on the Spokane Reservation, Washington, USA. Environmental Research, 2021, 194, 110619.	7.5	21
3698	Particle Emissions and Disc Temperature Profiles from a Commercial Brake System Tested on a Dynamometer under Real-World Cycles. Atmosphere, 2021, 12, 377.	2.3	11
3699	Chronic exposure to PM2.5 aggravates SLE manifestations in lupus-prone mice. Particle and Fibre Toxicology, 2021, 18, 15.	6.2	14
3700	Analysis of the New Kuznets Relationship: Considering Emissions of Carbon, Methanol, and Nitrous Oxide Greenhouse Gases—Evidence from EU Countries. International Journal of Environmental Research and Public Health, 2021, 18, 2907.	2.6	12
3701	Effect of Short-Term Exposure to Fine Particulate Matter and Temperature on Acute Myocardial Infarction in Korea. International Journal of Environmental Research and Public Health, 2021, 18, 4822.	2.6	6
3702	Local PM2.5 Hotspot Detector at 300 m Resolution: A Random Forest–Convolutional Neural Network Joint Model Jointly Trained on Satellite Images and Meteorology. Remote Sensing, 2021, 13, 1356.	4.0	7
3703	A bibliometric and visualized analysis of research progress and frontiers on health effects caused by PM2.5. Environmental Science and Pollution Research, 2021, 28, 30595-30612.	5.3	17
3704	Developing Temporal Allocation Profiles for Electric Generating Utilities based on the CleanSYS Real-time Emissions. Journal of Korean Society for Atmospheric Environment, 2021, 37, 338-354.	1.1	1
3705	Synergistic effects of vehicular emissions (NO2, SO2 and SPM) on progression of Crocus sativus L.in Saffron bowl Kashmir. Environmental Advances, 2021, 3, 100033.	4.8	3
3706	Contaminación del aire en Puerto Vallarta, México. Bitacora Urbano Territorial, 2021, 31, 27-43.	0.2	1
3707	Assessment of indoor air suspended particulate matter in GLA University campus, Mathura. IOP Conference Series: Materials Science and Engineering, 2021, 1116, 012170.	0.6	1
3708	The effects of household solid fuel use on self-reported and performance-based physical functioning in middle-aged and older Chinese populations: A cross-sectional study. Ecotoxicology and Environmental Safety, 2021, 213, 112053.	6.0	12
3709	Comprehensive study of a long-lasting severe haze in Seoul megacity and its impacts on fine particulate matter and health. Chemosphere, 2021, 268, 129369.	8.2	9
3710	Acute kidney damage by PM2.5 exposure in a rat model. Environmental Toxicology and Pharmacology, 2021, 83, 103587.	4.0	14
3711	Polycyclic aromatic hydrocarbons in PM1, PM2.5 and PM10 atmospheric particles: identification, sources, temporal and spatial variations. Journal of Environmental Health Science & Engineering, 2021, 19, 851-866.	3.0	6
3713	Aging of Atmospheric Brown Carbon Aerosol. ACS Earth and Space Chemistry, 2021, 5, 722-748.	2.7	87
3714	PM2.5 Magnetic Properties in Relation to Urban Combustion Sources in Southern West Africa. Atmosphere, 2021, 12, 496	2.3	6

#	Article	IF	CITATIONS
3715	Exploring the spatial heterogeneity and temporal homogeneity of ambient PM10 in nine core cities of China. Scientific Reports, 2021, 11, 8991.	3.3	7
3716	Characteristics of PCDD/Fs in PM2.5 from emission stacks and the nearby ambient air in Taiwan. Scientific Reports, 2021, 11, 8093.	3.3	3
3717	Elemental Characteristics of Respirable Particulate Matter in the Urban Atmosphere of Dehradun, Uttrakhand, India. Current World Environment Journal, 2021, 16, 319-328.	0.5	0
3719	Effect of Analysis Nudging Data Assimilation on the PM2.5 Concentration Simulation during a Haze Event in the Seoul Metropolitan Area in 2019. Journal of Korean Society for Atmospheric Environment, 2021, 37, 231-247.	1.1	6
3720	Impact of Saharan dust on the incidence of acute coronary syndrome. Revista Espanola De Cardiologia (English Ed ), 2021, 74, 321-328.	0.6	1
3721	Economic performance of Indonesia amidst CO2 emissions and agriculture: a time series analysis. Environmental Science and Pollution Research, 2021, 28, 47942-47956.	5.3	79
3722	Estimating Ground-Level Hourly PM2.5 Concentrations Over North China Plain with Deep Neural Networks. Journal of the Indian Society of Remote Sensing, 2021, 49, 1839-1852.	2.4	5
3723	Oxidative Potential of Atmospheric Aerosols. Atmosphere, 2021, 12, 531.	2.3	8
3724	"Inverted quarantine―in the face of environmental change: Initiative defensive behaviors against air pollution in China. Sustainable Production and Consumption, 2021, 26, 493-503.	11.0	3
3725	PM <sub>2.5</sub> polluters disproportionately and systemically affect people of color in the United States. Science Advances, 2021, 7, .	10.3	286
3726	Atmospheric conditions and composition that influence PM <sub>2.5</sub> oxidative potential in Beijing, China. Atmospheric Chemistry and Physics, 2021, 21, 5549-5573.	4.9	38
3727	A Review on the Impact of Humidity during Electrospinning: From the Nanofiber Structure Engineering to the Applications. Macromolecular Materials and Engineering, 2021, 306, 2100115.	3.6	78
3728	Toxic Organic Contaminants in Airborne Particles: Levels, Potential Sources and Risk Assessment. International Journal of Environmental Research and Public Health, 2021, 18, 4352.	2.6	6
3729	Present cum future of SARS-CoV-2 virus and its associated control of virus-laden air pollutants leading to potential environmental threat – A global review. Journal of Environmental Chemical Engineering, 2021, 9, 104973.	6.7	15
3730	Municipality-Level Source Apportionment of PM2.5 Concentrations based on the CAPSS 2016: (IV) Jeollabuk-do. Journal of Korean Society for Atmospheric Environment, 2021, 37, 292-309.	1.1	9
3731	Source identification of fine and coarse aerosol during smog episodes in Debrecen, Hungary. Air Quality, Atmosphere and Health, 2021, 14, 1017-1032.	3.3	7
3732	Source identification and exposure assessment to PM10 in the Eastern Carpathians, Romania. Journal of Atmospheric Chemistry, 2021, 78, 77-97.	3.2	3
3733	Characteristics, formation mechanisms, and sources of non-refractory submicron aerosols in Guangzhou, China. Atmospheric Environment, 2021, 250, 118255.	4.1	7

#	Article	IF	Citations
3734	Prevalence of pre-clinical autoimmunity in the normal adult population residing in a metropolitan city of India: A cross-sectional study. European Journal of Rheumatology, 2021, 8, 79-83.	0.6	1
3735	Air Pollution and Cognitive Functions: Evidence from Straw Burning in China. American Journal of Agricultural Economics, 2022, 104, 190-208.	4.3	33
3736	Atmospheric Ammonia Measurements Over a Coastal Salt Marsh Ecosystem Along the Midâ€Atlantic U.S Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2019JG005522.	3.0	2
3737	Coupling a gas chromatograph simultaneously to a flame ionization detector and chemical ionization mass spectrometer for isomer-resolved measurements of particle-phase organic compounds. Atmospheric Measurement Techniques, 2021, 14, 3895-3907.	3.1	10
3738	Sustainability model to assess the suitability of green roof alternatives for urban air pollution reduction applied in Tehran. Building and Environment, 2021, 194, 107683.	6.9	25
3739	Climatic modification effects on the association between PM1 and lung cancer incidence in China. BMC Public Health, 2021, 21, 880.	2.9	12
3740	Greenhouse gases, Short-Lived Climate Pollutants and aerosol pollution in South/Southeast Asia – Drivers, states and impacts. Environmental Pollution, 2021, 277, 116825.	7.5	3
3741	Secondary aerosol formation in cloud serves as a vital source of aerosol in the troposphere. Atmospheric Environment, 2021, 253, 118374.	4.1	6
3742	The effects of increased pollution on COVID-19 cases and deaths. Journal of Environmental Economics and Management, 2021, 107, 102431.	4.7	40
3743	Human Health Risk Assessment of Air Pollution in the Regions of Unsustainable Heating Sources. Case Study—The Tourist Areas of Southern Poland. Atmosphere, 2021, 12, 615.	2.3	6
3744	Impact of the inversion and air pollution on the number of patients with Covid-19 in the metropolitan city of Tehran. Urban Climate, 2021, 37, 100867.	5.7	7
3745	The Impact of Oil Price on Transition toward Renewable Energy Consumption? Evidence from Russia. Energies, 2021, 14, 2947.	3.1	45
3746	Characteristics, sources and evolution processes of atmospheric organic aerosols at a roadside site in Hong Kong. Atmospheric Environment, 2021, 252, 118298.	4.1	13
3747	Using a land use regression model with machine learning to estimate ground level PM2.5. Environmental Pollution, 2021, 277, 116846.	7.5	69
3748	Emission Factors of Polycyclic Aromatic Hydrocarbons and Oxidative Potential of Fine Particles Emitted from Crop Residues Burning. Polycyclic Aromatic Compounds, 2022, 42, 5123-5142.	2.6	1
3749	NOKTASAL KAYNAKLAR İÇİN ULUSAL HAVA KİRLİLİĞİ EMİSYON FAKTÖRLERİ VE ENVANTERİNÄ SEKTÖRÜ İÇİN ÖRNEK BİR ÇALIŞMA. International Journal of Advances in Engineering and Pure Scien	°N BELİR ce9,®,,	LENMESÄ <sup>c</sup> : 1
3750	Air pollution: A review and analysis using fuzzy techniques in Indian scenario. Environmental Technology and Innovation, 2021, 22, 101441.	6.1	13
3751	Intercomparison of thermal–optical carbon measurements by Sunset and Desert Research Institute (DRI) analyzers using the IMPROVE_A protocol. Atmospheric Measurement Techniques, 2021, 14, 3217-3231.	3.1	7

#	Article	IF	CITATIONS
3752	Effect of Seasonal Variation on the Relationship of Indoor Air Particulate Matter with Measures of Obesity and Blood Pressure in Children. Journal of Health and Pollution, 2021, 11, 210610.	1.8	3
3753	Assessment of Integrated Aerosol Sampling Techniques in Indoor, Confined and Outdoor Environments Characterized by Specific Emission Sources. Applied Sciences (Switzerland), 2021, 11, 4360.	2.5	2
3754	Premature deaths attributable to long-term exposure to PM2.5 in Turkey. Environmental Science and Pollution Research, 2021, 28, 51940-51947.	5.3	11
3755	Cable-car measurements of vertical aerosol profiles impacted by mountain-valley breezes in Lushan Mountain, East China. Science of the Total Environment, 2021, 768, 144198.	8.0	13
3756	Towards the future prospect of control technology for alleviating indoor air pollution. Indoor and Built Environment, 2021, 30, 871-874.	2.8	4
3757	Air Pollution Reduces Interpersonal Trust: The Roles of Emotion and Emotional Susceptibility. International Journal of Environmental Research and Public Health, 2021, 18, 5631.	2.6	4
3758	Trends in PM2.5 Concentration in Nagoya, Japan, from 2003 to 2018 and Impacts of PM2.5 Countermeasures. Atmosphere, 2021, 12, 590.	2.3	13
3759	Real-time characterization and source apportionment of fine particulate matter in the Delhi megacity area during late winter. Science of the Total Environment, 2021, 770, 145324.	8.0	35
3760	The assessment of two different pollutants dispersion from a coal-fired power plant for various thermal regimes. Journal of Environmental Health Science & Engineering, 2021, 19, 959-983.	3.0	2
3761	Prolific shedding of magnetite nanoparticles from banknote surfaces. Science of the Total Environment, 2021, 768, 144490.	8.0	0
3762	Analysis of Pollutant Emissions on City Arteries—Aspects of Transport Management. Energies, 2021, 14, 3007.	3.1	2
3763	GeoAir—A Novel Portable, GPS-Enabled, Low-Cost Air-Pollution Sensor: Design Strategies to Facilitate Citizen Science Research and Geospatial Assessments of Personal Exposure. Sensors, 2021, 21, 3761.	3.8	16
3764	Comparative Study of Computational Models for Reducing Air Pollution through the Generation of Negative Ions. Sustainability, 2021, 13, 7197.	3.2	2
3765	Wildfire smoke exposure and respiratory health outcomes in young adults born extremely preterm or extremely low birthweight. Environmental Research, 2021, 197, 111159.	7.5	5
3766	The relationship between traffic-related air pollution exposures and allostatic load score among youth with type 1 diabetes in the SEARCH cohort. Environmental Research, 2021, 197, 111075.	7.5	4
3767	Artificial Intelligence Applied to Evaluate Emissions and Energy Consumption in Commuter Railways: Comparison of Liquefied Natural Gas as an Alternative Fuel to Diesel. Sustainability, 2021, 13, 7112.	3.2	4
3768	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. Air Quality, Atmosphere and Health, 2021, 14, 1605-1617.	3.3	3
3769	Assessment of Health Impact of PM2.5 Exposure by Using WRF-Chem Model in Kathmandu Valley, Nepal. Frontiers in Sustainable Cities, 2021, 3, .	2.4	2

#	Article	IF	CITATIONS
3770	Air pollution and cardiovascular disease: Can the Australian bushfires and global COVIDâ€19 pandemic of 2020 convince us to change our ways?. BioEssays, 2021, 43, e2100046.	2.5	13
3771	Long-term trends of PM2.5 and its carbon content in the South Coast Air Basin: A focus on the impact of wildfires. Atmospheric Environment, 2021, 255, 118431.	4.1	16
3772	Influence of environmental conditions on the dithiothreitol (DTT)-Based oxidative potential of size-resolved indoor particulate matter of ambient origin. Atmospheric Environment, 2021, 255, 118429.	4.1	4
3773	Comparison of the Effectiveness of the Methods of Recording Physiological Signals Using Passive Electronic Sensors to Obtain Respiratory Parameters in People with Respiratory Dysfunction. , 2021, , .		1
3774	Chemical composition of atmospheric particulate matter in the winter season as indicator of environment quality within urban areas. Pure and Applied Chemistry, 2022, 94, 249-256.	1.9	1
3775	Characteristics and Source Apportionment of Black Carbon (BC) in a Suburban Area of Klang Valley, Malaysia. Atmosphere, 2021, 12, 784.	2.3	7
3776	Temporal and spatial variations of aerosol optical properties over the Korean peninsula during KORUS-AQ. Atmospheric Environment, 2021, 254, 118301.	4.1	10
3777	Investigation of <scp>PM<sub>10</sub></scp> prediction utilizing data mining techniques: Analyze by topic. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2021, 11, e1423.	6.8	2
3778	Exploring the Global Importance of Atmospheric Ammonia Oxidation. ACS Earth and Space Chemistry, 2021, 5, 1674-1685.	2.7	11
3779	Electrospun Nanofibre Air Filters for Particles and Gaseous Pollutants. Sustainability, 2021, 13, 6553.	3.2	8
3780	Seasonal Transport Pathway and Sources of Carbonaceous Aerosols at an Urban Site of Eastern Himalaya. Aerosol Science and Engineering, 2021, 5, 318-343.	1.9	10
3781	Contribution of Aerosol Sources to Health Impacts. Atmosphere, 2021, 12, 730.	2.3	8
3782	Transboundary sources dominated PM2.5 in Thimphu, Bhutan. International Journal of Environmental Science and Technology, 2021, , 1-10.	3.5	1
3783	Stretchable and Compressible Si <sub>3</sub> N <sub>4</sub> Nanofiber Sponge with Aligned Microstructure for Highly Efficient Particulate Matter Filtration under Highâ€Velocity Airflow. Small, 2021, 17, e2100556.	10.0	16
3784	Transition to clean household energy through an application of integrated model: Ensuring sustainability for better health, climate and environment. Science of the Total Environment, 2021, 775, 145657.	8.0	17
3786	Influence of Thermal Decomposition of Wood and Wood-Based Materials on the State of the Atmospheric Air. Emissions of Toxic Compounds and Greenhouse Gases. Energies, 2021, 14, 3247.	3.1	6
3787	Air quality index – A comparative study for assessing the status of air quality before and after lockdown for Meerut. Materials Today: Proceedings, 2022, 49, 3497-3500.	1.8	3
3788	Fractal Analysis and Interpretation of Temporal Patterns of TSP and PM10 Mass Concentration over Tarkwa, Ghana. Earth Systems and Environment, 2021, 5, 635-654.	6.2	5

#	Article	IF	CITATIONS
3789	Assessment of Pollution Sources and Contribution in Urban Dust Using Metal Concentrations and Multi-Isotope Ratios (13C, 207/206Pb) in a Complex Industrial Port Area, Korea. Atmosphere, 2021, 12, 840.	2.3	11
3790	Airborne particles and microorganisms in a dental clinic: Variability of indoor concentrations, impact of dental procedures, and personal exposure during everyday practice. Indoor Air, 2021, 31, 1164-1177.	4.3	8
3791	Short-term effects of particulate matter on outpatient department visits for respiratory diseases among children in Bangkok Metropolitan Region: a case-crossover study. Air Quality, Atmosphere and Health, 2021, 14, 1785-1795.	3.3	10
3793	Urban contamination sources in tunnel dusts from São Paulo city: Elemental and isotopic characterization. Atmospheric Environment, 2021, 254, 118188.	4.1	9
3794	A multi-analysis approach for estimating regional health impacts from the 2017 Northern California wildfires. Journal of the Air and Waste Management Association, 2021, 71, 791-814.	1.9	25
3795	Source contributions to multiple toxic potentials of atmospheric organic aerosols. Science of the Total Environment, 2021, 773, 145614.	8.0	30
3796	Characteristics of Air Pollutant Emissions and Distribution for Particulate Matter Concentration of Air Pollution Networks in Gyeongsangbuk-do. Journal of Korean Society for Atmospheric Environment, 2021, 37, 536-551.	1.1	7
3797	Exposure to metals and morbidity at eight years follow-up in women of childbearing age. Scientific Reports, 2021, 11, 11429.	3.3	4
3798	Characterization of secondary products formed through oxidation of reduced sulfur compounds. Atmospheric Environment, 2021, 256, 118148.	4.1	5
3799	Public awareness, perceptions and attitudes on air pollution and its health effects in Muscat, Oman. Journal of the Air and Waste Management Association, 2021, 71, 1159-1174.	1.9	10
3800	Regulatory measures significantly reduced air-pollutant concentrations in Seoul, Korea. Atmospheric Pollution Research, 2021, 12, 101098.	3.8	10
3801	Effects of the implementation of a mass rapid transit system on mortality rates attributed to cardiorespiratory complications in Taipei. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, 84, 914-921.	2.3	2
3802	Reducing Planetary Health Risks Through Short‣ived Climate Forcer Mitigation. GeoHealth, 2021, 5, e2021CH000422.	4.0	3
3803	Environmental Particulate Matter (PM) Exposure Assessment of Construction Activities Using Low-Cost PM Sensor and Latin Hypercubic Technique. Sustainability, 2021, 13, 7797.	3.2	6
3804	Pollution monitoring in two urban areas of Cuba by using Tillandsia recurvata (L.) L. and top soil samples: Spatial distribution and sources. Ecological Indicators, 2021, 126, 107667.	6.3	8
3805	Measured and modelled air quality trends in Italy over the period 2003–2010. Atmospheric Chemistry and Physics, 2021, 21, 10825-10849.	4.9	7
3807	Impacts of Subway System Modifications on Air Quality in Subway Platforms and Trains. Environmental Science & Technology, 2021, 55, 11133-11143.	10.0	11
3808	Airborne particulate matter upregulates expression of early and late adhesion molecules and their receptors in a lung adenocarcinoma cell line. Environmental Research, 2021, 198, 111242.	7.5	5

#	Article	IF	CITATIONS
3809	Numerical simulation of interannual variation in transboundary contributions from Chinese emissions to PM2.5 mass burden in South Korea. Atmospheric Environment, 2021, 256, 118440.	4.1	8
3810	PM1 chemical composition and light absorption properties in urban and rural areas within Sichuan Basin, southwest China. Environmental Pollution, 2021, 280, 116970.	7.5	4
3811	Predicting Spatial Variations in Multiple Measures of Oxidative Burden for Outdoor Fine Particulate Air Pollution across Canada. Environmental Science & Technology, 2021, 55, 9750-9760.	10.0	8
3812	Particulate matter air pollutants and cardiovascular disease: Strategies for intervention. , 2021, 223, 107890.		49
3813	Dietary Pattern and Long-Term Effects of Particulate Matter on Blood Pressure: A Large Cross-Sectional Study in Chinese Adults. Hypertension, 2021, 78, 184-194.	2.7	21
3814	Spatial cluster detection with threshold quantile regression. Environmetrics, 2021, 32, e2696.	1.4	2
3815	Regional characteristics of atmospheric Î′34S-SO42â´' over three parts of Asia monitored by quartz wool-based passive samplers. Science of the Total Environment, 2021, 778, 146107.	8.0	7
3816	Self-adaptive bandwidth eigenvector spatial filtering model for estimating PM2.5 concentrations in the Yangtze River Delta region of China. Environmental Science and Pollution Research, 2021, 28, 67800-67813.	5.3	4
3817	Design of a Spark Big Data Framework for PM2.5 Air Pollution Forecasting. International Journal of Environmental Research and Public Health, 2021, 18, 7087.	2.6	8
3818	Formation of Oxidized Gases and Secondary Organic Aerosol from a Commercial Oxidant-Generating Electronic Air Cleaner. Environmental Science and Technology Letters, 2021, 8, 691-698.	8.7	17
3819	Identification of Aerosol Pollution Hotspots in Jiangsu Province of China. Remote Sensing, 2021, 13, 2842.	4.0	11
3820	Evaluation of Using Satellite-Derived Aerosol Optical Depth in Land Use Regression Models for Fine Particulate Matter and Its Elemental Composition. Atmosphere, 2021, 12, 1018.	2.3	1
3821	Emissions of Gases and Volatile Organic Compounds from Residential Heating: A Comparison of Brown Coal Briquettes and Logwood Combustion. Energy & Fuels, 2021, 35, 14010-14022.	5.1	8
3822	Heat-related mortality under climate change and the impact of adaptation through air conditioning: A case study from Thessaloniki, Greece. Environmental Research, 2021, 199, 111285.	7.5	13
3823	Reducing human health impacts from power sector emissions with redispatch and energy storage. Environmental Research: Infrastructure and Sustainability, 2021, 1, 025009.	2.3	4
3824	EXTENT AND MAGNITUDE OF INDUSTRIAL STACK EMISSIONS ON AMBIENT PARTICULATE CONCENTRATIONS. International Journal of GEOMATE, 2021, 21, .	0.3	1
3825	Ambient Air Pollution and Atherosclerosis: Recent Updates. Current Atherosclerosis Reports, 2021, 23, 63.	4.8	17
3826	Benefits of near-zero freight: The air quality and health impacts of low-NO <sub>x</sub> compressed natural gas trucks. Journal of the Air and Waste Management Association, 2021, 71, 1428-1444.	1.9	3

#	Article	IF	CITATIONS
3827	Joint Quantile Regression for Spatial Data. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2021, 83, 826-852.	2.2	5
3828	Effects of biodiversity in green roofs and walls on the capture of fine particulate matter. Urban Forestry and Urban Greening, 2021, 63, 127229.	5.3	14
3829	Biochar and urease inhibitor mitigate NH3 and N2O emissions and improve wheat yield in a urea fertilized alkaline soil. Scientific Reports, 2021, 11, 17413.	3.3	41
3830	Removal of Particulate Matter from Meat-Grilling Fumes Using a Mirror-Symmetrical Multicompartment Scrubber. Journal of Environmental Engineering, ASCE, 2021, 147, .	1.4	2
3831	Miniaturizing Wet Scrubbers for Aerosolized Droplet Capture. Analytical Chemistry, 2021, 93, 11433-11441.	6.5	3
3832	Resilience and Equity in a Time of Crises: Investing in Public Urban Greenspace Is Now More Essential Than Ever in the US and Beyond. International Journal of Environmental Research and Public Health, 2021, 18, 8420.	2.6	31
3833	Health Impact Attributable to Improvement of PM2.5ÂPollution from 2014–2018 and Its Potential Benefits by 2030 in China. Sustainability, 2021, 13, 9690.	3.2	5
3834	Deep particulate matter forecasting model using correntropy-induced loss. Journal of Mechanical Science and Technology, 2021, 35, 4045-4063.	1.5	2
3835	Establishing the exposure–outcome relation between airborne particulate matter and children's health. Thorax, 2021, , thoraxjnl-2021-217915.	5.6	6
3836	Aerosol formation and growth rates from chamber experiments using Kalman smoothing. Atmospheric Chemistry and Physics, 2021, 21, 12595-12611.	4.9	8
3837	Assessing urban mortality from wildfires with a citizen science network. Air Quality, Atmosphere and Health, 2021, 14, 2015-2027.	3.3	5
3838	Temporal variation in association between short-term exposure to fine particulate matter and hospitalisations in older adults in the USA: a long-term time-series analysis of the US Medicare dataset. Lancet Planetary Health, The, 2021, 5, e534-e541.	11.4	15
3839	Appreciable role of stratospheric polar vortex in the abnormal diffusion of air pollutant in North China in 2015/2016 winter and implications for prediction. Atmospheric Environment, 2021, 259, 118549.	4.1	9
3840	A novel viewpoint to the green city concept based on vegetation area changes and contributions to healthy days: a case study of Mashhad, Iran. Environmental Science and Pollution Research, 2022, 29, 702-710.	5.3	12
3841	Sources of airborne particulates (PM10) in the port city of Rijeka, Croatia. Environmental Science and Pollution Research, 2022, 29, 6578-6590.	5.3	1
3842	Fear in a Handful of Dust: The Epidemiological, Environmental, and Economic Drivers of Death by PM2.5 Pollution. International Journal of Environmental Research and Public Health, 2021, 18, 8688.	2.6	1
3843	Ultrafine particle levels measured on board short-haul commercial passenger jet aircraft. Environmental Health, 2021, 20, 89.	4.0	8
3844	Potential cytotoxicity of PM2.5–bound PAHs and toxic metals collected from areas with different traffic densities on human lung epithelial cells (A549). Journal of Environmental Health Science & Engineering, 2021, 19, 1701-1712.	3.0	9

		CITATION RE	EPORT	
#	Article		IF	CITATIONS
3845	Management and Shocks to Worker Productivity. Journal of Political Economy, 2022, 2	130, 1-47.	4.5	34
3846	Application of Photo Texture Analysis and Weather Data in Assessment of Air Quality i Airborne PM10 and PM2.5 Particulate Matter. Sensors, 2021, 21, 5483.	n Terms of	3.8	2
3847	Assessment of air pollution by PM10 suspended particles in the urban agglomeration of Europe in the period from 2001 to 2018. Urban Climate, 2021, 39, 100959.	of Central	5.7	7
3848	Real-time quantification and source apportionment of fine particulate matter including elements in Delhi during summertime. Atmospheric Environment, 2021, 261, 118598.	g organics and	4.1	23
3849	Prediction of PM2.5 concentrations at unsampled points using multiscale geographica temporally weighted regression. Environmental Pollution, 2021, 284, 117116.	Illy and	7.5	16
3850	Acidity and the multiphase chemistry of atmospheric aqueous particles and clouds. At Chemistry and Physics, 2021, 21, 13483-13536.	mospheric	4.9	59
3852	Optimization and Evaluation of Calibration for Low-cost Air Quality Sensors: Supervise Unsupervised Machine Learning Models. , 0, , .	d and		1
3853	Mineral dust and fossil fuel combustion dominate sources of aerosol sulfate in urban P by sulfur stable isotopes and water-soluble ions. Atmospheric Environment, 2021, 260	Peru identified , 118482.	4.1	3
3854	Modeling and forecasting of monthly PM2.5 emission of Paris by periodogram-based t methodology. Environmental Monitoring and Assessment, 2021, 193, 622.	ime series	2.7	13
3855	Do investors care about carbon emissions under the European Environmental Policy?. I Strategy and the Environment, 2022, 31, 268-283.	Business	14.3	19
3856	Health Impacts of Air Pollution. , 0, , .			2
3857	Optical carbon analysis on Teflon filters from the FRM network in New York. Atmosphe Research, 2021, 12, 101163.	eric Pollution	3.8	2
3858	Investigation of harbor craft activities for emission inventory calculation. Journal of the Waste Management Association, 2022, 72, 202-209.	? Air and	1.9	2
3859	Health effects of Low Emission Zones: Evidence from German hospitals. Journal of Envi Economics and Management, 2021, 109, 102512.	ironmental	4.7	20
3860	The effect of national protest in Ecuador on PM pollution. Scientific Reports, 2021, 11	, 17591.	3.3	6
3861	How Much Are People Willing to Pay for Clean Air? Analyzing Housing Prices in Respor Free Tower in Xi'an. International Journal of Environmental Research and Public He	alth, 2021, 18, 10210.	2.6	4
3862	A low-cost monitor for simultaneous measurement of fine particulate matter and aero depth – PartÂ3: Automation and design improvements. Atmospheric Measurement 6023-6038.	sol optical Techniques, 2021, 14,	3.1	2
3863	Associations between fine particulate matter constituents and hospital outpatient and room visits in Shanghai, China. Atmospheric Environment, 2021, 261, 118606.	l emergency	4.1	2

#	Article	IF	CITATIONS
3864	MUC5B regulates the airway inflammation induced by atmospheric PM2.5 in rats and A549 cells. Ecotoxicology and Environmental Safety, 2021, 221, 112448.	6.0	6
3865	Impact Assessment of Short-Term Interventions on Air Quality in a Megacity: A Case Study on Odd–Even Policy Implemented in Delhi City. Journal of the Institution of Engineers (India): Series A, 2021, 102, 1151-1159.	1.2	1
3866	The Road to Healthy Ageing: What Has Indonesia Achieved So Far?. Nutrients, 2021, 13, 3441.	4.1	8
3867	An Implicit Air Quality Bias Due to the State of Pristine Aerosol. Earth's Future, 2021, 9, e2021EF001979.	6.3	8
3868	Secondhand Smoke Decreased Excitability and Altered Action Potential Characteristics of Cardiac Vagal Neurons in Mice. Frontiers in Physiology, 2021, 12, 727000.	2.8	3
3869	Reduction in European anthropogenic aerosols and the weather conditions conducive to PM <sub>2.5</sub> pollution in North China: a potential global teleconnection pathway. Environmental Research Letters, 2021, 16, 104054.	5.2	4
3870	Why are pollution damages lower in developed countries? Insights from high-Income, high-particulate matter Hong Kong. Journal of Health Economics, 2021, 79, 102511.	2.7	2
3871	An Economic Analysis of the Environmental Impact of PM2.5 Exposure on Health Status in Three Northwestern Mexican Cities. Sustainability, 2021, 13, 10782.	3.2	4
3872	Mobile Measurements of Carbonaceous Aerosol in Microenvironments to Discern Contributions from Traffic and Solid Fuel Burning. Environmental Science and Technology Letters, 0, , .	8.7	8
3873	Fine resolution air quality dynamics related to socioeconomic and land use factors in the most polluted desert metropolitan in the American Southwest. Science of the Total Environment, 2021, 788, 147713.	8.0	9
3874	Investigation of sources and processes influencing variation of PM2.5 and its chemical compositions during a summer period of 2020 in an urban area of Hanoi city, Vietnam. Air Quality, Atmosphere and Health, 2022, 15, 235-253.	3.3	6
3875	Chlorine-Initiated Oxidation of $\hat{I}\pm$ -Pinene: Formation of Secondary Organic Aerosol and Highly Oxygenated Organic Molecules. ACS Earth and Space Chemistry, 2021, 5, 2307-2319.	2.7	12
3876	Measurement report: Receptor modeling for source identification of urban fine and coarse particulate matter using hourly elemental composition. Atmospheric Chemistry and Physics, 2021, 21, 14471-14492.	4.9	7
3877	In-home cannabis smoking more prevalent than in-home tobacco smoking among 2019 Global Drug Survey respondents. Addictive Behaviors, 2022, 125, 107130.	3.0	6
3878	Inhalation of particulate matter containing free radicals leads to decreased vascular responsiveness associated with an altered pulmonary function. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H667-H683.	3.2	11
3879	Urban atmospheric particle size distribution in Santiago, Chile. Atmospheric Pollution Research, 2021, 12, 101201.	3.8	2
3880	CFD numerical simulation on diffusion and distribution of diesel exhaust particulates in coal mine heading face. Advanced Powder Technology, 2021, 32, 3660-3671.	4.1	8
3881	Analysis of air pollution in the atmosphere due to firecrackers in the Diwali period over an urban Indian region. Advances in Space Research, 2021, 68, 3327-3341.	2.6	13

#	Article	IF	CITATIONS
3882	Airborne particulate matter induces oxidative damage, DNA adduct formation and alterations in DNA repair pathways. Environmental Pollution, 2021, 287, 117313.	7.5	39
3883	Chemiluminescent fingerprints from airborne particulate matter: A luminol-based assay for the characterization of oxidative potential with kinetical implications. Science of the Total Environment, 2021, 789, 148005.	8.0	3
3884	Dental calculus in the industrial age: Human dental calculus in the Post-Medieval period, a case study from industrial Manchester. Quaternary International, 2023, 653-654, 114-126.	1.5	10
3885	Assessing sustainability environmental performance of three urban agglomerations in China: An input–output modeling approach. Ecological Indicators, 2021, 130, 108079.	6.3	19
3886	Characterization of unique aerosol pollution episodes in urban areas using TXRF and TXRF-XANES. Atmospheric Pollution Research, 2021, 12, 101214.	3.8	5
3887	Aerosol hazards in operating rooms: A review of numerical and experimental studies. Journal of Aerosol Science, 2021, 158, 105823.	3.8	15
3888	Monetary valuation of air quality improvement with the stated preference technique: A multi-pollutant perspective. Science of the Total Environment, 2021, 793, 148604.	8.0	4
3889	Size-resolved, quantitative evaluation of the magnetic mineralogy of airborne brake-wear particulate emissions. Environmental Pollution, 2021, 288, 117808.	7.5	30
3890	Micro/nanofibrous nonwovens with high filtration performance and radiative heat dissipation property for personal protective face mask. Chemical Engineering Journal, 2021, 423, 130175.	12.7	49
3891	Secondary aerosol formation from a Chinese gasoline vehicle: Impacts of fuel (E10, gasoline) and driving conditions (idling, cruising). Science of the Total Environment, 2021, 795, 148809.	8.0	14
3892	Satellite-derived 1-km estimates and long-term trends of PM2.5 concentrations in China from 2000 to 2018. Environment International, 2021, 156, 106726.	10.0	43
3893	Identification and spatial mapping of tracers of PM10 emission sources using a high spatial resolution distributed network in an urban setting. Atmospheric Research, 2021, 262, 105771.	4.1	5
3894	Particle removal effectiveness of portable air purifiers in aged-care centers and the impact on the health of older people. Energy and Buildings, 2021, 250, 111250.	6.7	11
3895	High-frequency assessment of air and water quality at a concentration animal feeding operation during wastewater application to spray fields. Environmental Pollution, 2021, 288, 117801.	7.5	3
3896	Exposure of the population of southern France to air pollutants in future climate case studies. Atmospheric Environment, 2021, 264, 118689.	4.1	4
3897	Assessment of exposure to airborne aerosol and bio-aerosol particles and their deposition in the respiratory tract of subway metro passengers and workers. Atmospheric Pollution Research, 2021, 12, 101218.	3.8	10
3898	Numerical simulation of ignition delay time for petroleum and renewable fuels. Fuel, 2021, 304, 121345.	6.4	7
3899	The effect of air purifiers on the reduction in indoor PM2.5 concentrations and population health improvement. Sustainable Cities and Society, 2021, 75, 103298.	10.4	39

#	Article	IF	CITATIONS
3900	Electrospinning Polyacrylonitrile/Graphene Oxide/Polyimide nanofibrous membranes for High-efficiency PM2.5 filtration. Separation and Purification Technology, 2021, 276, 119243.	7.9	45
3901	Effect of energy renovation and occupants' activities on airborne particle concentrations in Swedish rental apartments. Science of the Total Environment, 2022, 806, 149995.	8.0	9
3902	The effects of exercise training on the lungs and cardiovascular function of animals exposed to diesel exhaust particles and gases. Environmental Research, 2022, 203, 111768.	7.5	8
3903	Characterization of submicron aerosol particles in winter at Albany, New York. Journal of Environmental Sciences, 2022, 111, 118-129.	6.1	2
3904	Climate policy impacts on building energy use, emissions, and health: New York City local law 97. Energy, 2022, 238, 121879.	8.8	12
3905	Air quality management in India using satellite data. , 2022, , 239-254.		2
3906	Community planning for a "healthy built environment―via a human-environment nexus? A multifactorial assessment of environmental characteristics and age-specific stroke mortality in Hong Kong. Chemosphere, 2022, 287, 132043.	8.2	5
3907	Efficient capture of airborne PM by nanotubular conjugated microporous polymers based filters under harsh conditions. Journal of Hazardous Materials, 2022, 423, 127047.	12.4	11
3908	Scavenging Effects of Kaolin on Fine Ash Formation during Zhundong Coal Combustion. Energy Engineering: Journal of the Association of Energy Engineers, 2021, 118, 459-471.	0.5	1
3909	Air Pollution and Environmental Policies, EU and Romania: Where We Stand, What the Data Reveals, What Should Be Done in the Future?. , 2021, , 51-73.		2
3910	A model-based exploratory study of sulfur dioxide dispersions from concentrated animal feeding operations in the Southeastern United States. Physical Geography, 0, , 1-31.	1.4	0
3911	Cytotoxicity induced by fine particulate matter (PM2.5) via mitochondria-mediated apoptosis pathway in rat alveolar macrophages. Environmental Science and Pollution Research, 2021, 28, 25819-25829.	5.3	16
3912	Association of long-term exposure to air pollution with chronic sleep deprivation in adults from 141 urban communities in South Korea: a community-level longitudinal study, 2008‒2016. Epidemiology and Psychiatric Sciences, 2021, 30, .	3.9	6
3913	Efficient capture of PM <sub>2.5</sub> by intertwined tubular conjugated microporous polymer-based filters with high stability in a humid environment. Journal of Materials Chemistry A, 2021, 9, 7703-7711.	10.3	17
3914	Comparative evaluation of macro and micro approaches to emission modeling using GPS data: a case study. Transportation Research Procedia, 2021, 52, 629-636.	1.5	7
3915	Fates and spatial variations of accumulation mode particles in a multi-zone indoor environment during the HOMEChem campaign. Environmental Sciences: Processes and Impacts, 2021, 23, 1029-1039.	3.5	20
3916	Experimental Analysis of Ultrasonic Multiple Scattering Attenuation through the Air with Fine Dust. Applied Sciences (Switzerland), 2021, 11, 694.	2.5	1
3917	Impact of the Electric Vehicle Policies on Environment and Health in the Beijing–Tianjin–Hebei Region. International Journal of Environmental Research and Public Health, 2021, 18, 623.	2.6	21

#	Article	IF	CITATIONS
3918	Nitrate radical, ozone and hydroxyl radical initiated aging of limonene secondary organic aerosol. Atmospheric Environment: X, 2021, 9, 100102.	1.4	0
3919	Why particulates matter. , 2021, , 3-21.		1
3920	Fate of transition metals in PO <sub>4</sub> -based <i>in vitro</i> assays: equilibrium modeling and macroscopic studies. Environmental Sciences: Processes and Impacts, 2021, 23, 160-169.	3.5	1
3921	Morphology and mineralogy of ambient particulate matter over mid-Brahmaputra Valley: application of SEM–EDX, XRD, and FTIR techniques. SN Applied Sciences, 2021, 3, 1.	2.9	27
3922	Evaluation of the Relationship Between Outdoor Environment and Indoor Air Quality in Arid Condition. Research Journal of Environmental Sciences, 2021, 15, 1-8.	0.5	0
3923	Humidity-Dependent Viscosity of Secondary Organic Aerosol from Ozonolysis of β-Caryophyllene: Measurements, Predictions, and Implications. ACS Earth and Space Chemistry, 2021, 5, 305-318.	2.7	32
3925	Concentrations and chemical composition of PM10 and PM2.5 in the Town library in Bor, Serbia. Safety Engineering, 2021, 11, 1-6.	0.1	0
3926	Effects of maturity and temperature on soot density and specific heat. Proceedings of the Combustion Institute, 2021, 38, 1197-1205.	3.9	30
3927	Evolution of Aerosols in the Atmospheric Boundary Layer and Elevated Layers during a Severe, Persistent Haze Episode in a Central China Megacity. Atmosphere, 2021, 12, 152.	2.3	5
3928	Development of Polydiacetylene Embedded Polyurethane Nanocomposites as a Mask for Sensing and Filtering Fine Dust. Fibers and Polymers, 2021, 22, 489-497.	2.1	5
3929	Sources and Dynamics of Submicron Aerosol during the Autumn Onset of the Air Pollution Season in Delhi, India. ACS Earth and Space Chemistry, 2021, 5, 118-128.	2.7	27
3932	Cardiovascular disease in the World Trade Center Health Program General Responder Cohort. American Journal of Industrial Medicine, 2021, 64, 97-107.	2.1	14
3934	Revisiting the empirical relationship among the main targets of sustainable development: Growth, education, health and carbon emissions. Sustainable Development, 2021, 29, 419-440.	12.5	70
3935	Air Quality Management Strategies in Large Cities: Effects of Changing the Vehicle Fleet Composition in Barcelona and Madrid Greater Areas (Spain) by Introducing Natural Gas Vehicles. NATO Security Through Science Series C: Environmental Security, 2008, , 54-62.	0.1	2
3936	Phytomonitoring and Mitigation of Air Pollution by Plants. , 2020, , 113-142.		1
3937	Fibers for Other Technical Textiles Applications. Topics in Mining, Metallurgy and Materials Engineering, 2020, , 201-220.	1.6	4
3938	Spatial Variations in Vegetation Fires and Carbon Monoxide Concentrations in South Asia. Society of Earth Scientists Series, 2014, , 131-149.	0.3	3
3939	Academic and Psychosocial Impact of Air Pollution on Children. , 2016, , 167-180.		2

# 3940	ARTICLE Strengths and Weaknesses of the Current EU Situation. SpringerBriefs in Applied Sciences and Technology, 2017, , 69-83.	IF 0.4	CITATIONS
3941	Climate Change and Air Pollution in Mumbai. Springer Climate, 2018, , 289-308.	0.6	3
3942	Aerosols and Climate Change. Lecture Notes in Earth Sciences, 2012, , 219-226.	0.5	2
3943	Thermische Belastung, Feinstaub und Ozon – Gesundheitliche Auswirkungen und mögliche Wechselwirkungen. Springer-Lehrbuch, 2013, , 39-62.	0.0	4
3944	Emissions to the Air. , 2016, , 169-227.		3
3945	Personal Exposure Measurements. Environmental Pollution, 2010, , 97-141.	0.4	3
3947	The Canada-US Air Quality Agreement and its Impact on Air Quality Management in Canada. , 2014, , 317-327.		1
3948	The State of Air Quality in Canada: National Patterns. , 2014, , 43-67.		6
3949	Environmental Archives of Contaminant Particles. Developments in Paleoenvironmental Research, 2015, , 187-221.	8.0	18
3950	Air Pollution in Rural Households Due to Solid Biomass Fuel Use and Its Health Impacts. Lecture Notes in Civil Engineering, 2020, , 27-33.	0.4	5
3952	Particulate matter concentrations in a high-quality rubber-tyred metro system: the case study of Turin in Italy. International Journal of Environmental Science and Technology, 2018, 15, 1921-1930.	3.5	18
3953	Respirable nano-particulate generations and their pathogenesis in mining workplaces: a review. International Journal of Coal Science and Technology, 2021, 8, 179-198.	6.0	43
3954	Airborne Toxic Pollutants. Advances in Molecular Toxicology, 2016, 10, 187-233.	0.4	2
3955	Constraints on primary and secondary particulate carbon sources using chemical tracer and 14 C methods during CalNex-Bakersfield. Atmospheric Environment, 2017, 166, 204-214.	4.1	5
3956	High resolution spatial mapping of element concentrations in PM10: A powerful tool for localization of emission sources. Atmospheric Research, 2020, 244, 105060.	4.1	20
3957	Impact of dispersant on crude oil content of airborne fine particulate matter emitted from seawater after an oil spill. Chemosphere, 2020, 256, 127063.	8.2	14
3958	Quantifying the impact of daily mobility on errors in air pollution exposure estimation using mobile phone location data. Environment International, 2020, 141, 105772.	10.0	30
3959	Health risk assessment of heavy metals associated with Coarse and Quasi-accumulative airborne particulate matter in Mumbai City situated on the Western Coast of India. Environmental Technology and Innovation, 2020, 19, 100857.	6.1	12
#	Article	IF	Citations
------	---	-----	-----------
3960	A sustainable study of economic growth and development amidst ecological footprint: New insight from Nigerian Perspective. Science of the Total Environment, 2020, 732, 139270.	8.0	105
3961	Asthma and air pollutants: a time series study. Revista Da Associação Médica Brasileira, 2012, 58, 302-307.	0.7	12
3962	Using Big Data Techniques to Better Understand High-Resolution Cumulative Exposure Assessment of Traffic-Related Air Pollution. ACS ES&T Engineering, 2021, 1, 436-445.	7.6	6
3963	High resolution annual average air pollution concentration maps for the Netherlands. Scientific Data, 2019, 6, 190035.	5.3	29
3964	Regulation of Air Quality in the European Union. Issues in Toxicology, 2018, , 539-556.	0.1	3
3965	Case Studies of Source Apportionment from the Indian Sub-continent. Issues in Environmental Science and Technology, 2016, , 315-343.	0.4	2
3966	Chapter 13. Environmental Aldehydes and Cardiovascular Disease. Issues in Toxicology, 2010, , 301-370.	0.1	1
3967	Removal of ultrafine particles in indoor air: Performance of various portable air cleaner technologies. HVAC and R Research, 2011, 17, 513-525.	0.6	17
3968	Regional and county flows of particulate matter damage in the US. Environmental Research Letters, 2020, 15, 104073.	5.2	11
3969	Online monitoring of volatile organic compounds emitted from human bronchial epithelial cells as markers for oxidative stress. Journal of Breath Research, 2021, 15, 016015.	3.0	2
3970	Estimating the Causal Effect of Low Levels of Fine Particulate Matter on Hospitalization. Epidemiology, 2017, 28, 627-634.	2.7	73
3973	Estimation of Representative Area-Level Concentrations of Particulate Matter(PM <sub>10</sub> ) in Seoul, Korea. Journal of the Korean Association of Geographic Information Studies, 2016, 19, 118-129.	0.1	11
3974	Application of Raman Lidar for the spatial and vertical distribution of aerosol and water vapor in Beijing China. , 2016, , .		2
3975	Is ambient air pollution associated with onset of sudden infant death syndrome: a case-crossover study in the UK. BMJ Open, 2018, 8, e018341.	1.9	19
3976	Making Air Quality Data Meaningful. , 2020, , .		11
3977	Smell Pittsburgh. ACM Transactions on Interactive Intelligent Systems, 2020, 10, 1-49.	3.7	11
3978	Prolonged Exposure to Oil and Gas Flares Ups the Risks for Hypertension. American Journal of Health Research, 2013, 1, 65.	0.2	6
3979	Tropical Cyclone as a Possible Remote Controller of Air Quality over South Korea through Poleward-Propagating Rossby Waves. Journal of Applied Meteorology and Climatology, 2019, 58, 2523-2530.	1.5	2

#	Article	IF	Citations
3980	Outdoor air pollution from industrial chemicals causing new onset of asthma or COPD: a systematic review protocol. Journal of Occupational Medicine and Toxicology, 2020, 15, 38.	2.2	7
3981	Circulating Biomarkers of Inflammation, Antioxidant Activity, and Platelet Activation Are Associated with Primary Combustion Aerosols in Subjects with Coronary Artery Disease. Environmental Health Perspectives, 2008, 116, 898-906.	6.0	302
3982	Respirable Mercury Particulates and Other Chemical Constituents in Festival Aerosols in Delhi. Current World Environment Journal, 2018, 13, 03-14.	0.5	5
3983	Investigating the Impacts of Winds on SO2 Concentrations in Bor, Serbia. Journal of Sustainable Development of Energy, Water and Environment Systems, 2013, 1, 141-151.	1.9	10
3984	SPEX airborne spectropolarimeter calibration and performance. Applied Optics, 2019, 58, 5695.	1.8	31
3985	Traffic Air Pollution and Oxidized LDL. PLoS ONE, 2011, 6, e16200.	2.5	65
3986	Apparent Temperature and Air Pollution vs. Elderly Population Mortality in Metro Vancouver. PLoS ONE, 2011, 6, e25101.	2.5	42
3987	The Relationship between Particulate Pollution Levels in Australian Cities, Meteorology, and Landscape Fire Activity Detected from MODIS Hotspots. PLoS ONE, 2012, 7, e47327.	2.5	36
3988	Out-of-Hospital Cardiac Arrests and Outdoor Air Pollution Exposure in Copenhagen, Denmark. PLoS ONE, 2013, 8, e53684.	2.5	54
3989	Personal Exposure to Household Particulate Matter, Household Activities and Heart Rate Variability among Housewives. PLoS ONE, 2014, 9, e89969.	2.5	24
3990	Chemical Characteristics of Water-Soluble Ions in Particulate Matter in Three Metropolitan Areas in the North China Plain. PLoS ONE, 2014, 9, e113831.	2.5	34
3991	The Impact of Winter Heating on Air Pollution in China. PLoS ONE, 2015, 10, e0117311.	2.5	101
3992	A Cross-Sectional Study of the Cardiovascular Effects of Welding Fumes. PLoS ONE, 2015, 10, e0131648.	2.5	43
3993	Characterizing the Indoor-Outdoor Relationship of Fine Particulate Matter in Non-Heating Season for Urban Residences in Beijing. PLoS ONE, 2015, 10, e0138559.	2.5	37
3994	Time Course of Heart Rate Variability Response to PM2.5 Exposure from Secondhand Smoke. PLoS ONE, 2016, 11, e0154783.	2.5	11
3995	Ischemic Heart Disease Incidence in Relation to Fine versus Total Particulate Matter Exposure in a U.S. Aluminum Industry Cohort. PLoS ONE, 2016, 11, e0156613.	2.5	17
3996	InMAP: A model for air pollution interventions. PLoS ONE, 2017, 12, e0176131.	2.5	123
3997	Fine particles in homes of predominantly low-income families with children and smokers: Key physical and behavioral determinants to inform indoor-air-quality interventions. PLoS ONE, 2017, 12, e0177718.	2.5	35

#	Article	IF	CITATIONS
3998	Exposure to fine particulate matter in the air alters placental structure and the renin-angiotensin system. PLoS ONE, 2017, 12, e0183314.	2.5	42
3999	Assessment of air pollution in exercise centers and health risks. Environmental Health Engineering and Management, 2018, 5, 153-157.	0.7	1
4000	Influences of outdoor meteorological conditions on indoor wintertime short-term PM1 levels. Geofizika, 2015, , 237-264.	0.4	5
4001	Pollution Remediation by Urban Forests: PM2.5 Reduction in Beijing, China. Polish Journal of Environmental Studies, 2016, 25, 1873-1881.	1.2	10
4002	Changes in speciated PM2.5 concentrations in Fresno, California, due to NOx reductions and variations in diurnal emission profiles by day of week. Elementa, 2019, 7, .	3.2	12
4003	Urban air pollution in school-related microenvironments in Bogota, Colombia. Ingenieria E Investigacion, 2013, 33, 42-48.	0.4	8
4004	Systems chemo-biology analysis of DNA damage response and cell cycle effects induced by coal exposure. Genetics and Molecular Biology, 2020, 43, e20190134.	1.3	8
4005	Air Pollution in Pakistan. , 2014, , 57-81.		5
4006	A systematic review of the health risks from passive exposure to electronic cigarette vapour. Public Health Research and Practice, 2016, 26, .	1.5	86
4007	Plume characterization of a typical South African braai. South African Journal of Chemistry, 2015, 68, 181-194.	0.6	2
4008	A Geostationary Air Quality Monitoring Platform for Africa. Clean Air Journal, 2015, 25, .	0.5	3
4009	Forecasting of Daily PM10 Concentrations in Brno and Graz by Different Regression Approaches. Austrian Journal of Statistics, 2016, 41, .	0.6	8
4010	Sulfur and Nitrogen Dioxide Exposure and the Incidence of Health Endpoints in Ahvaz, Iran. Health Scope, 2015, 4, .	0.6	18
4011	Estimation of Health Effects Attributed to Nitrogen Dioxide Exposure Using the AirQ Model in Tabriz City, Iran. Health Scope, 2015, 4, .	0.6	7
4012	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. Journal of Health Informatics and Statistics, 2017, 42, 89-99.	0.4	6
4013	PM10 Air Pollution and Acute Hospital Admissions for Cardiovascular and Respiratory Causes in Ostrava. Central European Journal of Public Health, 2016, 24, S33-S39.	1.1	13
4014	Using Geographically Referenced Data on Environmental Exposures for Public Health Research: A Feasibility Study Based on the German Socio-Economic Panel Study (SOEP). SSRN Electronic Journal, 0, ,	0.4	2
4015	Agricultural Fires and Cognitive Function: Evidence from Crop Production Cycles. SSRN Electronic Journal, 0, , .	0.4	6

#	Article	IF	CITATIONS
4016	Can Apps Make Air Pollution Visible? User Engagement with Air Quality Information. SSRN Electronic Journal, 0, , .	0.4	1
4018	The Causal Relationship Between Passive Smoking and Inflammation on the Development of Cardiovascular Disease: A Review of the Evidence. Inflammation and Allergy: Drug Targets, 2009, 8, 328-333.	1.8	39
4019	Assessment of the Health Impacts and Economic Burden Arising from Proposed New Air Quality Objectives in a High Pollution Environment. The Open Epidemiology Journal, 2011, 4, 106-122.	1.0	5
4020	Association Between Health Symptoms and Particulate Matter from Traffic and Residential Heating â^' Results from RHINE III in Tartu. Open Respiratory Medicine Journal, 2016, 10, 58-69.	0.4	10
4021	Usability of a Personal Air Pollution Monitor: Design-Feedback Iterative Cycle Study. JMIR MHealth and UHealth, 2018, 6, e12023.	3.7	10
4022	Making Air Pollution Visible: A Tool for Promoting Environmental Health Literacy. JMIR Public Health and Surveillance, 2017, 3, e16.	2.6	7
4023	Epigenetic Alterations and Exposure to Air Pollutants: Protocol for a Birth Cohort Study to Evaluate the Association Between Adverse Birth Outcomes and Global DNA Methylation. JMIR Research Protocols, 2017, 6, e29.	1.0	11
4024	Morphology Analysis of Fine Particles in Background Station of Malaysia. Sustainability in Environment, 2016, 1, 12.	0.2	4
4025	Spatio-temporal variability of annual PM2.5 concentrations and population exposure assessment in Serbia for the period 2001-2016. Journal of the Geographical Institute Jovan Cvijic SASA, 2019, 69, 197-211.	1.0	8
4026	Mercury Pollution In Snow Cover Around Thermal Power Plants In Cities (Omsk, Kemerovo, Tomsk) Tj ETQq1 1 0	.784314 r 1.3	gBT /Overloc
4026 4027	Mercury Pollution In Snow Cover Around Thermal Power Plants In Cities (Omsk, Kemerovo, Tomsk) Tj ETQq1 1 0 Black carbon in spring aerosols of Moscow urban background. Geography, Environment, Sustainability, 2020, 13, 233-243.	1.3 1.3 1.3	gBT /Overlock
4026 4027 4028	Mercury Pollution In Snow Cover Around Thermal Power Plants In Cities (Omsk, Kemerovo, Tomsk) Tj ETQq1 1 0 Black carbon in spring aerosols of Moscow urban background. Geography, Environment, Sustainability, 2020, 13, 233-243. Ventilation and Indoor Air Quality in Learning Environments from Cluj-Napoca (Romania). , 0, , .	.784314 r 1.3	rgBT /Overlock 13 2
4026 4027 4028 4029	Mercury Pollution In Snow Cover Around Thermal Power Plants In Cities (Omsk, Kemerovo, Tomsk) Tj ETQq1 1 0   Black carbon in spring aerosols of Moscow urban background. Geography, Environment, Sustainability, 2020, 13, 233-243.   Ventilation and Indoor Air Quality in Learning Environments from Cluj-Napoca (Romania). , 0, , .   Air quality standards for the concentration of particulate matter 2.5, global descriptive analysis. Bulletin of the World Health Organization, 2021, 99, 125-137D.	.784314 r 1.3 3.3	rgBT /Overlock
4026 4027 4028 4029 4030	Mercury Pollution In Snow Cover Around Thermal Power Plants In Cities (Omsk, Kemerovo, Tomsk) Tj ETQq1 1 0   Black carbon in spring aerosols of Moscow urban background. Geography, Environment,   Sustainability, 2020, 13, 233-243.   Ventilation and Indoor Air Quality in Learning Environments from Cluj-Napoca (Romania). , 0, , .   Air quality standards for the concentration of particulate matter 2.5, global descriptive analysis.   Bulletin of the World Health Organization, 2021, 99, 125-137D.   QoS Enabled IoT Based Low Cost Air Quality Monitoring System with Power Consumption Optimization. Cybernetics and Information Technologies, 2020, 20, 122-140.	.784314 r 1.3 3.3 1.1	rgBT /Overlock
4026 4027 4028 4029 4030	Mercury Pollution In Snow Cover Around Thermal Power Plants In Cities (Omsk, Kemerovo, Tomsk) Tj ETQq110   Black carbon in spring aerosols of Moscow urban background. Geography, Environment,   Sustainability, 2020, 13, 233-243.   Ventilation and Indoor Air Quality in Learning Environments from Cluj-Napoca (Romania)., 0, , .   Air quality standards for the concentration of particulate matter 2.5, global descriptive analysis.   Bulletin of the World Health Organization, 2021, 99, 125-137D.   QoS Enabled IoT Based Low Cost Air Quality Monitoring System with Power Consumption Optimization. Cybernetics and Information Technologies, 2020, 20, 122-140.   Relationship between quality of ambient air and respiratory diseases in the Polish population. WIT Transactions on Ecology and the Environment, 2016, , .	.784314 r 1.3 3.3 1.1 0.0	rgBT /Overlock 13 2 31 35 2
4026 4027 4028 4029 4030 4031	Mercury Pollution In Snow Cover Around Thermal Power Plants In Cities (Omsk, Kemerovo, Tomsk) Tj ETQq1 1 0   Black carbon in spring aerosols of Moscow urban background. Geography, Environment,   Sustainability, 2020, 13, 233-243.   Ventilation and Indoor Air Quality in Learning Environments from Cluj-Napoca (Romania)., 0, , .   Air quality standards for the concentration of particulate matter 2.5, global descriptive analysis.   Bulletin of the World Health Organization, 2021, 99, 125-137D.   QoS Enabled IoT Based Low Cost Air Quality Monitoring System with Power Consumption   Optimization. Cybernetics and Information Technologies, 2020, 20, 122-140.   Relationship between quality of ambient air and respiratory diseases in the Polish population. WIT   Transactions on Ecology and the Environment, 2016, , .   Modelling of tree-induced effects on pedestrian exposure to road traffic pollution. WIT Transactions on the Built Environment, 2012, , .	.78 <u>1</u> 314 r 1.3 3.3 1.1 0.0	rgBT /Overlock 13 2 31 35 2 3
4026 4027 4028 4029 4030 4031 4032	Mercury Pollution In Snow Cover Around Thermal Power Plants In Cities (Omsk, Kemerovo, Tomsk) Tj ETQq1 10   Black carbon in spring aerosols of Moscow urban background. Geography, Environment,   Sustainability, 2020, 13, 233-243.   Ventilation and Indoor Air Quality in Learning Environments from Cluj-Napoca (Romania)., 0, , .   Air quality standards for the concentration of particulate matter 2.5, global descriptive analysis.   Bulletin of the World Health Organization, 2021, 99, 125-137D.   QoS Enabled IoT Based Low Cost Air Quality Monitoring System with Power Consumption Optimization. Cybernetics and Information Technologies, 2020, 20, 122-140.   Relationship between quality of ambient air and respiratory diseases in the Polish population. WIT Transactions on Ecology and the Environment, 2016, , .   Modelling of tree-induced effects on pedestrian exposure to road traffic pollution. WIT Transactions on the Built Environment, 2012, , .   The Quality of Urban Air in Barcelona: A New Approach Applying Compositional Data Analysis Methods. Emerging Science Journal, 2020, 4, 113-121.	.78 <u>13</u> 14 r 1.3 3.3 1.1 0.0 0.0 3.7	rgBT /Overlock 13 2 31 35 2 3 3 38

#	Article	IF	Citations
4036	Air Quality Assessment over Sudan using NASA Remote Sensing Satellites Data and MERRA-2 Model. Journal of Environmental Science and Pollution Research, 2020, 6, 438-441.	0.1	1
4037	Indoor / outdoor PM levels and EC surrogate, at typical microenvironments in the Athens area. Global Nest Journal, 2013, 12, 12-19.	0.1	1
4038	Features of risk factors of development of the production caused pathology at workers of metallurgical production. Meditsina Truda I Promyshlennaia Ekologiia, 2019, , 926-930.	0.6	4
4039	Spatial Particulate Fields during High Winds in the Imperial Valley, California. Atmosphere, 2020, 11, 88.	2.3	3
4040	Prediction of Aerosol Deposition in the Human Respiratory Tract via Computational Models: A Review with Recent Updates. Atmosphere, 2020, 11, 137.	2.3	29
4041	Environmental Health Surveillance System for a Population Using Advanced Exposure Assessment. Toxics, 2020, 8, 74.	3.7	7
4042	Airborne particles in the San Joaquin Valley may affect human health. California Agriculture, 2010, 64, 12-16.	0.8	31
4043	Evaluating the Air Pollution Impact Using Environmental Monitoring, Dispersion Modeling and Volunteered Geographic Information Systems. Revista De Chimie (discontinued), 2017, 68, 835-840.	0.4	2
4044	Arctic Sea Ice Decline Intensified Haze Pollution in Eastern China. , 0, .		43
4045	Health Effects of Particulate Matter. Korean Journal of Medicine, 2016, 91, 106-113.	0.3	36
4046	Dry sorbent injection of trona to control acid gases from a pilot-scale coal-fired combustion facility. AIMS Environmental Science, 2016, 3, 45-57.	1.4	12
4047	Particulate matter levels and comfort conditions in the trains and platforms of the Athens underground metro. AIMS Environmental Science, 2016, 3, 199-219.	1.4	38
4048	Acute exposure to air pollution is associated with novel changes in blood levels of endothelin-1 and circulating angiogenic cells in young, healthy adults. AIMS Environmental Science, 2019, 6, 265-276.	1.4	5
4049	Acute exposure to air pollution is associated with novel changes in blood levels of endothelin-1 and circulating angiogenic cells in young, healthy adults. AIMS Environmental Science, 2019, 6, 265-276.	1.4	4
4050	Potential Toxicological and Cardiopulmonary Effects of PM2.5 Exposure and Related Mortality: Findings of Recent Studies Published during 2003-2013. Biomedical and Environmental Sciences, 2016, 29, 66-79.	0.2	21
4051	Shape of concentration-response curves between long-term particulate matter exposure and morbidities of chronic bronchitis: a review of epidemiological evidence. Journal of Thoracic Disease, 2014, 6, S720-7.	1.4	15
4052	Air particulate matter and cardiovascular disease: the epidemiological, biomedical and clinical evidence. Journal of Thoracic Disease, 2016, 8, E8-E19.	1.4	268
4053	Health Effects of Air Pollution in Urban Environment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 96-115.	0.4	6

#	Article	IF	CITATIONS
4054	The effect of sand storms on acute asthma in Riyadh, Saudi Arabia. Annals of Thoracic Medicine, 2015, 10, 29-33.	1.8	13
4055	Air Quality Measurements from the Southern Particulate Matter Supersite in Taiwan. Aerosol and Air Quality Research, 2008, 8, 233-264.	2.1	36
4056	Urban Aerosol Studies of PM1 Size Fraction with Reference to Ambient Conditions and Visibility. Aerosol and Air Quality Research, 2010, 10, 425-432.	2.1	16
4057	Indoor and Outdoor Particle Number and Mass Concentrations in Athens. Sources, Sinks and Variability of Aerosol Parameters. Aerosol and Air Quality Research, 2011, 11, 632-642.	2.1	61
4058	Exposure to PM10, PM2.5, PM1 and Carbon Monoxide on Roads in Lahore, Pakistan. Aerosol and Air Quality Research, 2011, 11, 689-695.	2.1	61
4059	Seasonal Variation and Sources of Heavy Metals in Atmospheric Aerosols in a Residential Area of Ulsan, Korea. Aerosol and Air Quality Research, 2011, 11, 679-688.	2.1	104
4060	Chemical Characterization and Mass Closure of Fine Aerosol for Different Land Use Patterns in Mumbai City. Aerosol and Air Quality Research, 2012, 12, 61-72.	2.1	60
4061	Identification of PM2.5 Sources Affecting a Semi-Arid Coastal Region Using a Chemical Mass Balance Model. Aerosol and Air Quality Research, 2013, 13, 60-71.	2.1	5
4062	Particle Resuspension in School Gyms during Physical Activities. Aerosol and Air Quality Research, 2012, 12, 803-813.	2.1	49
4063	Monitoring PM10 and Ultrafine Particles in Urban Environments Using Mobile Measurements. Aerosol and Air Quality Research, 2013, 13, 509-522.	2.1	72
4064	Characteristics of Indoor Aerosols in College Laboratories. Aerosol and Air Quality Research, 2013, 13, 649-661.	2.1	7
4065	Numerical Simulation of Ultrafine Particle Dispersion in Urban Street Canyons with the Spalart-Allmaras Turbulence Model. Aerosol and Air Quality Research, 2013, 13, 1423-1437.	2.1	36
4066	Assessing Young People's Preferences in Urban Visibility in Beijing. Aerosol and Air Quality Research, 2013, 13, 1536-1543.	2.1	9
4067	Investigation of the Performance of Airliner Cabin Air Filters throughout Lifetime Usage. Aerosol and Air Quality Research, 2013, 13, 1544-1551.	2.1	17
4068	Seasonal Behaviours and Weekdays/Weekends Differences in Elemental Composition of Atmospheric Aerosols in Cairo, Egypt. Aerosol and Air Quality Research, 2013, 13, 1552-1562.	2.1	26
4069	Short-Term Effects of Fine Particulate Air Pollution on Ischemic Heart Disease Hospitalizations in Taipei: A Case-Crossover Study. Aerosol and Air Quality Research, 2013, 13, 1563-1569.	2.1	16
4070	Seasonal Variation of Physical and Chemical Properties in TSP, PM10 and PM2.5 at a Roadside Site in Beijing and Their Influence on Atmospheric Visibility. Aerosol and Air Quality Research, 2014, 14, 954-969.	2.1	52
4071	Multi-Model Analyses of Dominant Factors Influencing Elemental Carbon in Tokyo Metropolitan Area of Japan. Aerosol and Air Quality Research, 2014, 14, 396-405.	2.1	15

ARTICLE IF CITATIONS Metrological Performances of a Diffusion Charger Particle Counter for Personal Monitoring. 4072 2.1 26 Aerosol and Air Quality Research, 2014, 14, 156-167. Mobile Particle and NOx Emission Characterization at Helsinki Downtown: Comparison of Different 4073 2.1 24 Traffic Flow Areas. Aerosol and Air Quality Research, 2014, 14, 1372-1382. Short Term Health Effects of Particulate Matter: A Comparison between Wood Smoke and 4074 2.1 37 Multi-Source Polluted Urban Areas in Chile. Aerosol and Air Quality Research, 2015, 15, 306-318. Particulate Matter Distributions in China during a Winter Period with Frequent Pollution Episodes (January 2013). Aerosol and Air Quality Research, 2015, 15, 494-503. A Concept of a Novel Solar-Assisted Large-Scale Cleaning System (SALSCS) for Urban Air Remediation. 4076 2.1 37 Aerosol and Air Quality Research, 2015, 15, 1-10. Investigation of Desert Dust Contribution to Source Apportionment of PM10 and PM2.5 from a Southern Mediterranean Coast. Aerosol and Air Quality Research, 2015, 15, 454-464. 2.1 Fugitive Particulate Matter Emissions to the Atmosphere from Tracked and Wheeled Vehicles in a 4078 2.1 2 Desert Region by Hybrid-Optical Remote Sensing. Aerosol and Air Quality Research, 2015, 15, 1613-1626. Effects of Chalk Use on Dust Exposure and Classroom Air Quality. Aerosol and Air Quality Research, 4079 2.1 16 2015, 15, 2596-2608. Characterizations of PM2.5 Pollution Pathways and Sources Analysis in Four Large Cities in China. 4080 2.1 41 Aerosol and Air Quality Research, 2015, 15, 1836-1843. Chemical Characterization and Source Apportionment of PM2.5 in Rabigh, Saudi Arabia. Aerosol and 2.1 34 Air Quality Research, 2016, 16, 3114-3129. Transformations of Aerosol Particles from an Outdoor to Indoor Environment. Aerosol and Air 4082 2.1 15 Quality Research, 2017, 17, 653-665. Performance and Uncertainty in Measuring Atmospheric Plume Opacity Using Compact and 4083 2.1 Smartphone Digital Still Cameras. Aerosol and Air Quality Research, 2017, 17, 1281-1293. Particle Size Distribution of Soot from a Laminar/Diffusion Flame. Aerosol and Air Quality Research, 4084 2.1 5 2017, 17, 2095-2109. Atmospheric (Dry + Wet) Deposition of PCDD/Fs in Taiwan. Aerosol and Air Quality Research, 2018, 18, 4085 2.1 2788-2800. Characterization of the Air Quality Index in Southwestern Taiwan. Aerosol and Air Quality Research, 4086 2.18 2019, 19, 749-785. Real Time Ambient Air Quality Status during Diwali Festival in Central, India. Journal of Geoscience and 4087 Environment Protection, 2016, 04, 162-172. Air Pollution Related to Traffic and Chronic Respiratory Diseases (Asthma and COPD) in Africa. Health, 4088 0.3 11 2017, 09, 1378-1389. Benefits and Costs of the Informal Sector: The Case of Brick Kilns in Bangladesh. Journal of 4089 Environmental Protection, 2012, 03, 476-484.

#	Article	IF	CITATIONS
4090	Size-Resolved Water-Soluble Ionic Composition of Ambient Particles in an Urban Area in Southern Poland. Journal of Environmental Protection, 2013, 04, 371-379.	0.7	13
4091	Impact of Remote and Local Sources on Particulate Matter in Urban Environment. Journal of Environmental Protection, 2016, 07, 715-727.	0.7	2
4092	Estimating the Health Cost of Air Pollution: The Case of Morocco. Journal of Environmental Protection, 2017, 08, 1087-1099.	0.7	17
4093	Environmental Exposure Associated with Oxidative Stress Biomarkers in Children and Adolescents Residents in Brazilian Western Amazon. Journal of Environmental Protection, 2018, 09, 347-367.	0.7	4
4094	Risk of Cardiovascular Disease Associated with the Exposure of Particulate Matter (PM <sub>2.5</sub> ): Review. Journal of Environmental Protection, 2018, 09, 607-618.	0.7	5
4095	The Epidemiology of Cardio-Vascular Diseases in Relation to the Air Quality of Abattoirs in Port Harcourt, Nigeria. World Journal of Cardiovascular Diseases, 2016, 06, 94-107.	0.2	2
4096	Comparison of Particulate Matter and Number Emissions from a Floating and a Fixed Caliper Brake System of the Same Lining Formulation. , 0, , .		8
4097	Chronic age-related diseases share risk factors: do they share pathophysiological mechanisms and why does that matter?. Swiss Medical Weekly, 2010, 140, w13072.	1.6	33
4098	The Year of the Lung: Outdoor air pollution and lung health. Swiss Medical Weekly, 2010, 140, w13129.	1.6	25
4099	Short-term Exposure to Fine Particles and Risk of Cause-Specific Mortality — China, 2013-2018. China CDC Weekly, 2019, 1, 8-12.	2.3	8
4100	International Fuel Tax Assessment: An Application to Chile. IMF Working Papers, 2011, 11, 1.	1.1	6
4101	Environmental Tax Reform: Principles from Theory and Practice to Date. IMF Working Papers, 2012, 12, 1.	1.1	14
4102	Wintertime aerosol dominated by solid-fuel-burning emissions across Ireland: insight into the spatial and chemical variation in submicron aerosol. Atmospheric Chemistry and Physics, 2019, 19, 14091-14106.	4.9	14
4103	Size-resolved particle number emissions in Beijing determined from measured particle size distributions. Atmospheric Chemistry and Physics, 2020, 20, 11329-11348.	4.9	28
4104	Measurement report: Characterization of severe spring haze episodes and influences of long-range transport in the Seoul metropolitan area in March 2019. Atmospheric Chemistry and Physics, 2020, 20, 11527-11550.	4.9	27
4105	A complex aerosol transport event over Europe during the 2017 Storm Ophelia in CAMS forecast systems: analysis and evaluation. Atmospheric Chemistry and Physics, 2020, 20, 13557-13578.	4.9	19
4106	An evaluation of global organic aerosol schemes using airborne observations. Atmospheric Chemistry and Physics, 2020, 20, 2637-2665.	4.9	90
4107	Sources and atmospheric dynamics of organic aerosol in New Delhi, India: insights from receptor modeling. Atmospheric Chemistry and Physics, 2020, 20, 735-752.	4.9	44

#	Article	IF	CITATIONS
4108	Characterization of submicron particles by time-of-flight aerosol chemical speciation monitor (ToF-ACSM) during wintertime: aerosol composition, sources, and chemical processes in Guangzhou, China. Atmospheric Chemistry and Physics, 2020, 20, 7595-7615.	4.9	33
4109	Particle number concentrations and size distribution in a polluted megacity: the Delhi Aerosol Supersite study. Atmospheric Chemistry and Physics, 2020, 20, 8533-8549.	4.9	30
4208	Improved chloride quantification in quadrupole aerosol chemical speciation monitors (Q-ACSMs). Atmospheric Measurement Techniques, 2020, 13, 5293-5301.	3.1	9
4209	Improving GOES Advanced Baseline Imager (ABI) aerosol optical depth (AOD) retrievals using an empirical bias correction algorithm. Atmospheric Measurement Techniques, 2020, 13, 5955-5975.	3.1	23
4210	Comparison between CARIBIC Aerosol Samples Analysed by Accelerator-Based Methods and Optical Particle Counter Measurements. Atmospheric Measurement Techniques, 2014, 7, 2581-2596.	3.1	22
4214	Autoregressive spatially varying coefficients model for predicting daily PM <sub>2.5</sub> using VIIRS satellite AOT. Advances in Statistical Climatology, Meteorology and Oceanography, 2015, 1, 59-74.	0.9	13
4221	Comparisons of aerosol optical depth provided by seviri satellite observations and CAMx air quality modelling. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-7/W3, 187-193.	0.2	4
4222	Evaluating air pollution exposures across cycling infrastructure types: Implications for facility design. Journal of Transport and Land Use, 0, , .	1.2	6
4223	Impact of Indoor Pan-frying Cooking Activity on Change of Indoor PM <sub>2.5</sub> Concentration Level in Asthmatics' Homes. Journal of Environmental Science International, 2020, 29, 109-117.	0.2	5
4224	Air Pollution and Health – A Science-Policy Initiative. Annals of Global Health, 2019, 85, 140.	2.0	15
4225	Ambient Fine and Ultrafine Particle Measurements and Their Correlations with Particulate PAHs at an Elementary School Near a Highway. Asian Journal of Atmospheric Environment, 2012, 6, 96-103.	1.1	6
4226	The Impact of Air Pollution on Human Health in Suwon City. Asian Journal of Atmospheric Environment, 2013, 7, 227-233.	1.1	61
4227	Comparison of Chemical Composition of Particulate Matter Emitted from a Gasoline Direct Injected (GDI) Vehicle and a Port Fuel Injected (PFI) Vehicle using High Resolution Time of Flight Aerosol Mass Spectrometer (HR-ToF-AMS). Asian Journal of Atmospheric Environment, 2016, 10, 51-56.	1.1	2
4228	Uncertainty and Estimation of Health Burden from Particulate Matter in Seoul Metropolitan Region. Journal of Korean Society for Atmospheric Environment, 2013, 29, 275-286.	1.1	8
4229	Current Status and Development of Modeling Techniques for Forecasting and Monitoring of Air Quality over East Asia. Journal of Korean Society for Atmospheric Environment, 2013, 29, 407-438.	1.1	7
4230	Exploration and Application of Regulatory PM <sub>10</sub> Measurement Data for Developing Long-term Prediction Models in South Korea. Journal of Korean Society for Atmospheric Environment, 2016, 32, 114-126.	1.1	18
4231	Research and Policy Directions against Ambient Fine Particles. Journal of Korean Society for Atmospheric Environment, 2017, 33, 191-204.	1.1	17
4232	Time Series Assessment of PM2.5 Source Contributions and Classification of Haze Patterns in Seoul. Journal of Korean Society for Atmospheric Environment, 2019, 35, 97-124.	1.1	7

#	Article	IF	CITATIONS
4233	Estimation of Source Apportionment for Filter-based PM2.5 Data using the EPA-PMF Model at Air Pollution Monitoring Supersites. Journal of Korean Society for Atmospheric Environment, 2020, 36, 620-632.	1.1	9
4234	Levels of PM <sub>10</sub> and PM <sub>2.5</sub> and Respiratory Health Impacts on School-Going Children in Kenya. Journal of Health and Pollution, 2020, 10, 200912.	1.8	9
4235	Characterization of Particle Size Distributions of Powdery Building Material Aerosol Generated by Fluidization and Gravitation. Environmental Research, Engineering and Management, 2012, 61, .	1.0	1
4236	Analytical methods for atmospheric particulate aerosols: Focused on the physical properties and chemical composition of metals and water soluble ionic compounds. Analytical Science and Technology, 2015, 28, 139-159.	0.3	2
4238	Air Quality Index-A Comparative Study for Assessing the Status of Air Quality. Research Journal of Engineering and Technology, 2015, 6, 267.	0.3	30
4239	Source-Receptor and Inverse Modelling to quantify urban PARTiculate emissions (SRIMPART). TemaNord, 2009, , .	1.3	1
4240	Health impacts in South-central Chile due to misuse of wood-burning stoves. Electronic Journal of Energy & Environment, 2013, 1, .	0.3	5
4241	A Review of Household Products Induced Secondary Organic Aerosols Formation in Indoor Environment. British Journal of Applied Science & Technology, 2014, 4, 3813-3839.	0.2	1
4242	Impact of Iron Ore Mining on Human Health in Keonjhar District of Odisha. IOSR Journal of Economics and Finance, 2014, 4, 23-26.	0.1	9
4243	Association between particulate matter air pollution and heart attacks in San Diego County. Journal of the Air and Waste Management Association, 2021, 71, 1585-1594.	1.9	5
4244	EV Adoption Influence on Air Quality and Associated Infrastructure Costs. World Electric Vehicle Journal, 2021, 12, 207.	3.0	3
4245	Investigations on the Deposition Behaviour of Brake Wear Particles on the Wheel Surface. , 0, , .		5
4246	Influence of Publicity and Education and Environmental Values on the Green Consumption Behavior of Urban Residents in Tibet. International Journal of Environmental Research and Public Health, 2021, 18, 10808.	2.6	5
4247	Concentrations, Source Characteristics, and Health Risk Assessment of Toxic Heavy Metals in PM2.5 in a Plateau City (Kunming) in Southwest China. International Journal of Environmental Research and Public Health, 2021, 18, 11004.	2.6	10
4248	Time-dependent source apportionment of submicron organic aerosol for a rural site in an alpine valley using a rolling positive matrix factorisation (PMF) window. Atmospheric Chemistry and Physics, 2021, 21, 15081-15101.	4.9	22
4249	Characterization of non-refractory (NR) PM <sub>1</sub> and source apportionment of organic aerosol in Kraków, Poland. Atmospheric Chemistry and Physics, 2021, 21, 14893-14906.	4.9	21
4250	Cows as canaries: The effects of ambient air pollution exposure on milk production and somatic cell count in dairy cows. Environmental Research, 2021, , 112197.	7.5	7
4251	Quantification of isomer-resolved iodide chemical ionization mass spectrometry sensitivity and uncertainty using a voltage-scanning approach. Atmospheric Measurement Techniques, 2021, 14, 6835-6850.	3.1	12

#	Article	IF	CITATIONS
4252	Protecting building occupants against the inhalation of outdoor-origin aerosols. Atmospheric Environment, 2022, 268, 118773.	4.1	2
4253	The impact of thermal reprocessing of 3D printable polymers on their mechanical performance and airborne pollutant profiles. Journal of Polymer Research, 2021, 28, 1.	2.4	6
4254	Nighttime smoke aerosol optical depth over U.S. rural areas: First retrieval from VIIRS moonlight observations. Remote Sensing of Environment, 2021, 267, 112717.	11.0	15
4257	Air Pollution Exposure in an Unventilated Tunnel in Leeds, UK. Alliance for Global Sustainability Bookseries, 2009, , 123-131.	0.2	0
4260	Health impact assessment of exposure to transport emissions in Flanders: methodology study. , 2009, ,		0
4261	Air quality and human health. NATO Science for Peace and Security Series C: Environmental Security, 2010, , 519-568.	0.2	0
4262	Occupational Exposure to Urban Airborne Particulate Matter: A Review on Environmental Monitoring and Health Effects. Environmental Science and Engineering, 2010, , 501-525.	0.2	0
4265	Chapter 5. Air Pollution and Diabetes. Issues in Toxicology, 2010, , 143-158.	0.1	1
4269	Elements of Air Quality Management. , 2010, , 363-418.		3
4271	Estimation of Health Impacts due to PM in Major Indian Cities. , 2010, , 321-334.		0
4272	Air Pollution Modeling. , 2010, , 45-106.		0
4276	Elements of Epidemiology. , 2011, , 147-162.		0
4277	A New Approach to Link Satellite Observations with Human Health by Aircraft Measurements. Contributions To Statistics, 2011, , 233-242.	0.2	0
4278	Health Effects of Air Pollution and Air Temperature. Contributions To Statistics, 2011, , 119-133.	0.2	0
4279	Health Assessment Aspects of Risk- and Results-Based Multipollutant Air Quality Management. , 2011, , 67-138.		0
4286	RISK ASSESSMENT OF EXPOSURE BY PM 2,5 FROM THE BIOMASS BURNING IN CHILDREN OF BRAZILIAN AMAZON: ESTIMATIVE OF POTENTIAL DOSE AND RISK TOXICOLOGY. ISEE Conference Abstracts, 2011, 2011, .	0.0	0
4289	Framing Contests and Cumulation in Institutional Emergence: The Case of the Diesel Particulate Filter in Germany. SSRN Electronic Journal, 0, , .	0.4	0
4290	Advances of Atmospheric Aerosol Research in Austria. , 0, , .		0

#	Article	IF	CITATIONS
4291	Air Pollution Monitoring and Sustainability. , 2012, , 385-422.		0
4292	Regional Air Quality. , 2012, , 347-372.		0
4293	Air Pollution Monitoring and Sustainability. , 2012, , 167-203.		1
4294	Regional Air Quality regional air quality. , 2012, , 8879-8902.		0
4297	Admissions due to pneumonia and biomass burning: a spatial approach. Jornal De Pediatria, 2012, 88, 177-83.	2.0	5
4299	Particulate Matter and Airborne Fungi Concentrations in Schools in Athens. Springer Atmospheric Sciences, 2013, , 931-937.	0.3	0
4301	Demand Side Instruments to Reduce Road Transportation Externalities in the Greater Cairo Metropolitan Area. Policy Research Working Papers, 2012, , .	1.4	0
4303	Monitoring the levels of toxic air pollutants in the ambient air of Freetown, Sierra Leone. African Journal of Environmental Science and Technology, 2012, 6, .	0.6	2
4308	Identification of Organic Compounds in Solid Aerosols Related to Faisalabad Environment Using XRD Technique. Journal of Basic & Applied Sciences, 0, 9, 120-132.	0.8	1
4311	Emissions and Health Effects of Wood Biomass Combustion. , 2013, , 187-217.		0
4312	Pollutants from Vehicle Exhaust Near Highways. , 2013, , 87-106.		0
4313	Optimal Pollution, Optimal Population, and Sustainability. Dynamic Modeling and Econometrics in Economics and Finance, 2013, , 31-47.	0.5	0
4314	Motivation and Background. Springer Theses, 2013, , 1-30.	0.1	0
4315	Emissions of Organic and Inorganic Pollutants During the Combustion of Wood, Straw and Biogas. , 2013, , 387-422.		0
4316	Human Health. , 2013, , 181-206.		1
4319	Ambient air quality of Katra Town (J&K): A Study with Reference to atmospheric particulates. Environment Conservation Journal, 2013, 14, 113-119.	0.2	0
4321	Influence of fine particulate matter (PM2.5) on the function of human immune cells. , 2013, , .		0
4322	CONTAMINACIÓN VEHICULAR EN LA CONURBACIÓN PEREIRA-DOSQUEBRADAS. Revista Luna Azul, 2013, , .	0.0	1

		CITATION RE	EPORT	
#	Article		IF	CITATIONS
4324	Air Quality, Health Effects and Management of Ammonia Emissions from Fertilizers. , 2	:014, , 261-277.		4
4326	The Domestic Research Trend and the Road Map of Health Risk Assessment of the Air Journal of Korean Society for Atmospheric Environment, 2013, 29, 528-535.	Quality in Korea.	1.1	1
4327	Visual Air Quality Management. , 2014, , 167-183.			0
4328	Actividad mutagénica y genotóxica del material particulado PM2.5 en Cúcuta, Col Cordoba, 0, , 3731-3737.	ombia. Revista MVZ	0.1	1
4331	Ambient air quality of Katra town, J&K during fireworks on Diwali festival. Environment Journal, 2021, 14, 85-90.	Conservation	0.2	0
4332	Assessing the exposure risk of regional populations to smoke from fires. , 0, , .			0
4334	Oxidative Injury Caused by Cigarette Smoking and Air Pollution. Oxidative Stress in Ap Research and Clinical Practice, 2014, , 131-150.	plied Basic	0.4	0
4335	Composición Elemental y Fuentes de Origen de PartÃculas Respirables (PM10) y Part. Totales (PST) en el Ãrea Urbana de la Ciudad de Riohacha, Colombia. Informacion Tecn (discontinued), 2014, 25, 3-12.	Ãculas Suspendidas ologica	0.3	5
4336	The Characterization of Incomplete Combustion Products in Open Burning. Journal of for Atmospheric Environment, 2014, 30, 48-58.	Korean Society	1.1	3
4339	Characteristics of Metallic and Ionic Concentrations in PM10and PM2.5in Busan. Journ Environmental Science International, 2014, 23, 819-827.	nal of	0.2	8
4343	Removing Malodor Using Photocatalyst and Infrared. Daehan Hwan'gyeong Gonghag I 528-533.	Hoeji, 2014, 36,	1.1	3
4346	On the Relationships Between Health Outcome and Urban Air Quality. , 2015, , 995-10	010.		0
4350	Significance of Personal Exposure Assessment to Air Pollution in the Urban Areas of Eg Journal of Air Pollution, 2015, 04, 1-6.	ypt. Open	1.4	1
4351	Measuring the concentration of suspended particles (PM10) in the indoor environmen automatic monitors. Mining and Metallurgy Engineering Bor, 2015, , 123-134.	t using the	0.1	1
4354	Using Science to Shape Policy. Molecular and Integrative Toxicology, 2015, , 403-436.		0.5	0
4357	Density assessment method of chemical components in urban submicron aerosol part Journal of Physics, 2015, 55, .	icles. Lithuanian	0.4	0
4359	Air pollution and childhood asthma. Pneumonologia I Alergologia Polska, 2015, 83, 24	7-249.	0.6	0
4360	State-Variable and Representativeness Errors Conceal "Clean Diesel―Harm: Methe Fallacious ACES Research. Journal of Environment and Health Sciences, 2015, 1, 1-8.	odologically	1.0	19

#	Article	IF	CITATIONS
4362	Composición del material particulado-PM 2.5 del aire de Cucuta-Colombia:Cuantificación de Hidrocarburos Aromaticos Policiclicos. Bistua Revista De La Facultad De Ciencias Basicas, 2015, 13, 47.	0.0	0
4364	Performance, Applications, and Health Concerns of Nanomaterials. , 2016, , 1-7.		ο
4365	FIELD MEASUREMENT OF PARTICLE-SIZE DEPENDENCY IN CONCENTRATION CHANGES OF INDOOR PARTICULATE MATTER DURING VENTILATION WITH OPENING WINDOW. Journal of Environmental Engineering (Japan), 2016, 81, 1127-1136.	0.4	1
4366	Aeolian Dust Forecast in Arid and Semiarid Regions of Peru and Chile and Their Contribution over Particulate Matter Concentration. Journal of Geoscience and Environment Protection, 2016, 04, 128-152.	0.5	0
4367	Particulate Matter Concentrations in the Vicinity of an Incinerator. Journal of Geoscience and Environment Protection, 2016, 04, 88-100.	0.5	0
4368	Pollutants from Vehicle Exhaust Near Highways. , 2016, , 106-125.		0
4369	Use of Satellite Images to Map Spatio-temporal Variability of PM2.5 in Air. Athens Journal of Sciences, 2016, 3, 183-198.	0.2	3
4370	Social Development and Security for Smart Economic Development. Advances in 21st Century Human Settlements, 2017, , 713-747.	0.4	0
4371	Weekend—Weekday Effect Assessment of PM10 in Volos, Greece (2010–2014). Springer Atmospheric Sciences, 2017, , 957-962.	0.3	0
4372	Evaluation of Relation Between Air Pollution and Hepatic Encephalopathy Exacerbation. Gastroenterology & Hepatology (Bartlesville, Okla ), 2016, 5, .	0.1	1
4373	A Case Crossover Analysis of Out-of-Hospital Cardiac Arrest and Particulate Matter Air Pollution: Investigation of Specific Subgroups. Open Access Library Journal (oalib), 2017, 04, 1-14.	0.2	0
4374	Badania nad występowaniem węgla w powietrzu wewnętrznym wybranych uczelni w Polsce. Scientific Review Engineering and Environmental Sciences, 2017, 26, 108-124.	0.5	0
4375	Reliability and Accuracy of the Deployable Particulate Impact Sampler for Application to Spatial PM2.5 Sampling in Seoul, Korea. Journal of Korean Society for Atmospheric Environment, 2017, 33, 277-288.	1.1	0
4376	DPF retrofit program in Israel – effects of diesel particle filters on performance of in-use buses. Silniki Spalinowe, 2017, 170, 176-178.	0.7	1
4377	Applications of synergistic combination of remote sensing and in-situ measurements on urban monitoring of air quality. , 2017, , .		0
4378	Estimating fine particulates less than 2.5 microns in aerodynamic diameter (PM2.5) in Northeastern China: A model approach. , 2017, , .		0
4379	DAILY ESTIMATION OF FINE PARTICULATE MATTER MASS CONCENTRATION THROUGH SATELLITE BASED AEROSOL OPTICAL DEPTH. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-4/W2, 175-181.	0.0	10
4381	Toxic trace elements in solid airborne particles and ecological risk assessment in the vicinity of local boiler house plants. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
4382	Working Environment. Water Science and Technology Library, 2018, , 181-191.	0.3	0
4383	Design and Performance Evaluation of a Laboratory-made 200 nm Precut Electrical Cascade Impactor. Aerosol and Air Quality Research, 2018, 18, 1118-1130.	2.1	2
4384	Analysis of the inorganic compounds in PM2.5 aerosols in Zhengzhou using ATR-FTIR method. , 2018, , .		0
4385	Cardiovascular Diseases in Cyprus and The Effect of Predisposing Factors of Tobacco and Air Pollution. The International Annals of Medicine, 2018, 2, .	0.0	0
4386	Polarization considerations in the multi-angle imager for aerosols (MAIA). , 2018, , .		0
4387	Elemental Composition and Source Identification of PM <sub>2.5</sub> in Jeju City. Journal of Environmental Science International, 2018, 27, 543-554.	0.2	1
4388	Local Volterra multivariable chaotic time series multi-step prediction based on phase points clustering. Journal of Vibroengineering, 2018, 20, 2486-2503.	1.0	3
4389	A Study on the Utilization of Air Quality Model to Establish Efficient Air Policies: Focusing on the Improvement Effect of PM2.5 in Chungcheongnam-do due to Coal-fired Power Plants Shutdown. Journal of Korean Society for Atmospheric Environment, 2018, 34, 687-696.	1.1	4
4390	Dust load in vicinity of boiler-house plants fired with different fuels: case study in Tomsk Oblast. , 2018, , .		2
4391	Association between hourly differences of Particulate matters concentration and Emergency department visits in Seoul. Public Health Affairs, 2018, 2, 57-71.	0.1	1
4392	Connecting Ecological Decline and Eco-justice. , 2019, , 21-40.		0
4393	Kitchen Ventilation Requirements. , 2019, , 33-59.		0
4394	Pollutions of Cooking Oil Fume and Health Risks. , 2019, , 61-150.		0
4396	Assessment of Air Pollution by PM10 and PM2.5 in Nawabshah City, Sindh, Pakistan. Engineering, Technology & Applied Science Research, 2019, 9, 3757-3761.	1.9	5
4398	Análisis de series de tiempo para concentraciones de PM10: influencia de la cobertura superficial urbana. Scientia Et Technica, 2019, 24, 146.	0.2	0
4400	Dust Storms; The Case of Children's Health and School Attendance. Jundishapur Journal of Health Sciences, 2019, In Press,	0.2	2
4401	Chemical Characteristics of Ambient PM2.5 at Industrial Complex in Gyeongbuk Area. Journal of Korean Society for Atmospheric Environment, 2019, 35, 336-345.	1.1	8
4402	ë¯,ì,,,먼지, ìƒëªê¶Œì—•대한 ì±ë¬ î,,,±. Journal of Policy Development, 2019, 19, 155-191.	0.1	0

#	Article	IF	CITATIONS
4403	Clinical Research Trends in Respiratory Diseases Related to Particulate Matter. The Journal of Internal Korean Medicine, 2019, 40, 443-457.	0.3	3
4404	Milk and Dung Production by Yaks (Poephagus grunniens): Important Products for theÂLivelihood of theÂHerders and forÂCarbon Recycling on theÂQinghai-Tibetan Plateau. , 2020, , 145-162.		3
4405	Prospects of Biochar for Carbon Sequestration and Livelihood Improvement in theÂTibetan Grasslands. , 2020, , 185-196.		0
4406	Evaluation of the factor of enrichment of atmospheric particulate matter in the Campus of UFMG, Belo Horizonte. Brazilian Journal of Radiation Sciences, 2019, 7, .	0.0	0
4407	Behavior of pollutants due to daily activities in the home. , 2019, , .		0
4408	Simulating particle influence on silicon nitride strip waveguide single-mode parameters. , 2019, , .		4
4410	Analysis of out-of-hospital cardiac arrest and ozone pollution: A qualitative study. Environmental Health Engineering and Management, 2019, 6, 283-289.	0.7	0
4411	Dangerous organic chemicals identified in inhalable particulate matter air pollution. IOP Conference Series: Materials Science and Engineering, 0, 640, 012094.	0.6	0
4412	Assimilation of Meteorological Data in Online Integrated Atmospheric Transport Model—Example of Air Quality Forecasts for Poland. Springer Proceedings in Complexity, 2020, , 273-278.	0.3	0
4413	Analysis on the Characteristics of Atmospheric Particulate Matter and Its Causes of Atmospheric Circulation in Beijing. Advances in Geosciences, 2020, 10, 425-436.	0.1	0
4414	Assessment of the Ignition System Requirement on Diluted Mixture Spark Engines. , 0, , .		1
4415	The Influence of Awareness regarding Particulate Matter, Perceived Respiratory Symptoms, and Physical Activities on Health Promotion Behavior of Elementary School Children. Journal of the Korean Academy of Fundamentals of Nursing, 2020, 27, 95-105.	0.6	1
4416	Simultaneous leaf-level measurement of trace gas emissions and photosynthesis with a portable photosynthesis system. Atmospheric Measurement Techniques, 2020, 13, 4123-4139.	3.1	9
4417	Adverse pulmonary impacts of environmental concentrations of oil mist particulate matter in normal human bronchial epithelial cell. Science of the Total Environment, 2022, 809, 151119.	8.0	7
4418	Superwetting Electrospun PDMS/PMMA Membrane for PM <sub>2.5</sub> Capture and Microdroplet Transfer. Langmuir, 2021, 37, 12972-12980.	3.5	12
4419	Characteristics, sources and health risk assessment of PM2.5 in China's coal and coking heartland: Insights gained from the regional observations during the heating season. Atmospheric Pollution Research, 2021, 12, 101237.	3.8	10
4420	The Health and Economic Benefits of Reduced Residential Solid Fuel Burning on the South African Highveld. Atmosphere, 2021, 12, 1405.	2.3	1
4421	Validación del producto satelital de espesor óptico de aerosoles obtenido con el algoritmo MAIAC (v006) en Córdoba, Argentina (2017-2019). , 2020, , .		0

Сітатіс	on Report	
Article	IF	Citations
Resolving aerosol mixing state increases accuracy of black carbon respiratory deposition estimates. One Earth, 2020, 3, 763-776.	6.8	3
Megacity Aerosol Pollution and Atmospheric Electric Field Disturbances. Izvestiya - Atmospheric and Oceanic Physics, 2020, 56, 759-772.	0.9	2
The effects of outdoor air pollution on chronic illnesses. McGill Journal of Medicine, 2009, 12, .	0.1	17
Effect of air pollution, air pressure and air temperature on new onset pulmonary thromboembolism: A case-control study. Journal of Surgery and Medicine, 2020, 4, 1201-1204.	0.1	Ο
Protocol to assess the efficacy of carnosine supplementation in mitigating the adverse cardiovascular responses to particulate matter (PM) exposure: the Nucleophilic Defense Against PM Toxicity (NEAT) trial. BMJ Open, 2020, 10, e039118.	1.9	1
A micro-scale analytical method combined with PTV-GC–MS to determine polycyclic aromatic hydrocarbons in human lungs. Microchemical Journal, 2020, 159, 105518.	4.5	Ο
Particulate emissions of real-world light-duty gasoline vehicle fleet in Iran. Environmental Pollution, 2022, 292, 118303.	7.5	5
Toxicological impact of organic ultrafine particles (UFPs) in human bronchial epithelial BEAS-2B cells at air-liquid interface. Toxicology in Vitro, 2022, 78, 105258.	2.4	12
Long-term evaluation of a low-cost air sensor network for monitoring indoor and outdoor air quality at the community scale. Science of the Total Environment, 2022, 807, 150797.	8.0	40
Determination of Metal Elements in Workplace Air by ICP-MS. MATEC Web of Conferences, 2020, 319, 02005.	0.2	1
Aerosol characterisation including oxidative potential as a proxy of health impact. Clean Air Journal, 2019, 29, .	0.5	1
Impacts of Air Pollution on Epidemiology and Cardiovascular Systems. Environmental Chemistry for A Sustainable World, 2020, , 179-207.	0.5	3
Mitigation of the environmental risks resulting from diesel vehicle operation at the mining industry enterprises. Mining of Mineral Deposits, 2020, 14, 110-118.	2.8	3
Reducing Air Pollution in West Africa Through Participatory Activities: Issues, Challenges, and Conditions for Citizens' Genuine Engagement. , 2020, , 1213-1229.		0
Hava Değişim Katsayısının Kirletici Uzaklaştırma Performansına Etkisinin İncelenmesi. Jour Polytechnic, 0, , .	nal of 0.7	0
Has Air Pollution Concentration Increased over the Past 17 Years in Seoul, South Korea? : The Gap between Public Perception and Measurement Data. Journal of Korean Society for Atmospheric Environment, 2020, 36, 240-248.	1.1	3

4439	Health and Economic Burden Attributable to Particulate Matter in South Korea: Considering Spatial Variation in Relative Risk. Korean Journal of Environmental Health Sciences, 2021, 47, 486-495.	0.3	1

4440	Impact of vehicular movement on road dust resuspension and spatiotemporal distribution of particulate matter during construction activities. Atmospheric Pollution Research, 2022, 13, 101256.	3.8	12	
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#	Article	IF	CITATIONS
4441	Urban characteristics and its influence on resuspension of road dust, air quality and exposure. Air Quality, Atmosphere and Health, 2022, 15, 273-287.	3.3	8
4442	Risk Assessment and Air Quality Study during Different Phases of COVID-19 Lockdown in an Urban Area of Klang Valley, Malaysia. Sustainability, 2021, 13, 12217.	3.2	5
4443	Transient Receptor Potential Vanilloid Subtype 1: Potential Role in Infection, Susceptibility, Symptoms and Treatment of COVID-19. Frontiers in Medicine, 2021, 8, 753819.	2.6	8
4444	Effect of Oil Properties on the Generation of Nano-Aerosols During Bubble Bursting Through Crude Oil–Dispersant Slicks. Langmuir, 2021, 37, 13365-13378.	3.5	1
4446	Application of Single-Particle Mass Spectrometer to Obtain Chemical Signatures of Various Combustion Aerosols. International Journal of Environmental Research and Public Health, 2021, 18, 11580.	2.6	1
4447	Modelling of the Exposure of Urban Populations to PM2.5, NO2 and O3, and Applications in the Helsinki Metropolitan Area in 2002 and 2025. NATO Security Through Science Series C: Environmental Security, 2008, , 632-639.	0.1	0
4448	Assessment of Organic Markers in Fine Aerosol of Mumbai City. Springer Transactions in Civil and Environmental Engineering, 2021, , 367-381.	0.4	0
4450	Black Carbon in urban emissions on the Polar Circle. , 2020, , .		1
4451	Pollutional haze as a potential cause of lung cancer. Journal of Thoracic Disease, 2015, 7, E412-7.	1.4	6
4452	Cytotoxicity and reactive oxygen species generation from aggregated carbon and carbonaceous nanoparticulate materials. International Journal of Nanomedicine, 2008, 3, 83-94.	6.7	31
4453	Environmental public health tracking/surveillance in Canada: a commentary. Healthcare Policy, 2009, 4, 37-52.	0.6	8
4454	The effects of outdoor air pollution on chronic illnesses. McGill Journal of Medicine, 2009, 12, 58-64.	0.1	13
4457	Association of ambient ozone exposure with airway inflammation and allergy in adults with asthma. Journal of Asthma, 2009, 46, 777-85.	1.7	26
4460	Children's Environmental Health at CDC. Revista De Salud Ambiental, 2013, 13, 5-11.	0.0	1
4461	Ambient air pollution and daily hospital admissions for cardiovascular diseases in Arak, Iran. ARYA Atherosclerosis, 2017, 13, 117-134.	0.4	25
4462	The Association between Short-term Exposure to Fine Particulate Matter and Outpatient Visit in Beijing, China. Iranian Journal of Public Health, 2017, 46, 1486-1494.	0.5	5
4463	Characterization of emissions from a pilot-scale combustor operating on coal blended with woody biomass. Fuel, 2020, 264, .	6.4	0
4464	Could the COVID-19 Positive Asymptomatic Tobacco Smoker be a Silent Superspeader?. Acta Biomedica, 2021, 92, e2021099.	0.3	0

#	Article	IF	CITATIONS
4465	Short-term Exposure to Fine Particles and Risk of Cause-Specific Mortality - China, 2013-2018. China CDC Weekly, 2019, 1, 8-12.	2.3	1
4466	Effects of Working Condition on Oxidation Activity and Surface Functional Group of Particulate Matter Emitted from China â…¥ GDI Engine. SSRN Electronic Journal, 0, , .	0.4	0
4467	Measurement of Atmospheric Black Carbon Concentration in Rural and Urban Environments: Cases of Lamto and Abidjan. Journal of Environmental Protection, 2021, 12, 855-872.	0.7	3
4468	Measurement of Fundamental Aerosol Physical Properties. Springer Handbooks, 2021, , 535-565.	0.6	0
4469	Characteristics and evaluation index of pulse-jet dust cleaning of filter cartridge. Chemical Engineering Research and Design, 2022, 157, 362-374.	5.6	13
4470	Association between short-term PM1 exposure and cardiorespiratory diseases: Evidence from a systematic review and meta-analysis. Atmospheric Pollution Research, 2022, 13, 101254.	3.8	6
4471	Why do people use portable air purifiers? Evidence from occupant surveys and air quality monitoring in homes in three European cities. Building Research and Information, 2022, 50, 213-229.	3.9	8
4472	Personal exposure to particulate matter and heart rate variability among informal electronic waste workers at Agbogbloshie: a longitudinal study. BMC Public Health, 2021, 21, 2161.	2.9	3
4473	Filtration Performance of Ultrathin Electrospun Cellulose Acetate Filters Doped with TiO2 and Activated Charcoal. Buildings, 2021, 11, 557.	3.1	5
4474	Global Distribution of the Phase State and Mixing Times within Secondary Organic Aerosol Particles in the Troposphere Based on Room-Temperature Viscosity Measurements. ACS Earth and Space Chemistry, 2021, 5, 3458-3473.	2.7	14
4475	Chemistry of Functionalized Reactive Organic Intermediates in the Earth's Atmosphere: Impact, Challenges, and Progress. Journal of Physical Chemistry A, 2021, 125, 10264-10279.	2.5	3
4476	Association between maternal exposure to PM10 and risk of anorectal atresia/stenosis in offspring: a population-based case-control study in Liaoning Province, China. Environmental Science and Pollution Research, 2022, 29, 21328-21338.	5.3	0
4477	A review of statistical methods used for developing large-scale and long-term PM2.5 models from satellite data. Remote Sensing of Environment, 2022, 269, 112827.	11.0	47
4478	Managing air quality: Predicting exceedances of legal limits for PM10 and O3 concentration using machine learning methods. Environmetrics, 2022, 33, e2707.	1.4	4
4479	Organic compound and particle emissions of additive manufacturing with photopolymer resins and chemical outgassing of manufactured resin products. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2022, 85, 198-216.	2.3	9
4480	Assessing the value of complex refractive index and particle density for calibration of low-cost particle matter sensor for size-resolved particle count and PM2.5 measurements. PLoS ONE, 2021, 16, e0259745.	2.5	10
4481	PM2.5 Modeling and Historical Reconstruction over the Continental USA Utilizing GOES-16 AOD. Remote Sensing, 2021, 13, 4788.	4.0	3
4482	Does air pollution contribute to urban–rural disparity in male lung cancer diseases in China?. Environmental Science and Pollution Research, 2022, 29, 23905-23918.	5.3	2

#	Article	IF	CITATIONS
4483	Effect of Humidity on the Reactive Uptake of Ammonia and Dimethylamine by Nitrogen-Containing Secondary Organic Aerosol. Atmosphere, 2021, 12, 1502.	2.3	3
4484	Field measurements on emission characteristics, chemical profiles, and emission factors of size-segregated PM from cement plants in China. Science of the Total Environment, 2022, 818, 151822.	8.0	9
4485	Airborne contamination during post-fire investigations: Hot, warm and cold scenes. Journal of Occupational and Environmental Hygiene, 2022, 19, 35-49.	1.0	7
4486	Exposure assessment of nanotitanium oxide powder handling using real-time size-selective particle number concentration measurements and X-ray fluorescence spectrometry $\hat{a} \in \mathbb{C}^{*}$ The possibility of exposure to nonagglomerated nanomaterials during the handling of nanomaterial fine powders $\hat{a} \in \mathbb{C}^{*}$ .	1.0	0
4487	Valuing burden of premature mortality attributable to air pollution in major million-plus non-attainment cities of India. Scientific Reports, 2021, 11, 22771.	3.3	26
4488	Aerosols Characterization during the Holi festival in Dehradun: Foothills of the Himalayas, India. Indian Journal of Forestry, 2016, 39, 335-343.	0.0	0
4489	Chapter 12. Functional Membranes for Air Purification. Chemistry in the Environment, 2021, , 279-315.	0.4	0
4491	Temporal Variations of the Contribution of Combustion-Derived Water Vapor to Urban Humidity During Winter in Xi'An, China. SSRN Electronic Journal, 0, , .	0.4	0
4492	The Evaluation of the Impact of a Saharan Event on Particulate Matter Using Compositional Data Analysis. Pollutants, 2022, 2, 1-11.	2.1	2
4493	Fine particulate matter air pollution and under-5 children mortality in China: A national time-stratified case-crossover study. Environment International, 2022, 159, 107022.	10.0	24
4494	The impact of Long-Term PM2.5 constituents and their sources on specific causes of death in a US Medicare cohort. Environment International, 2022, 159, 106988.	10.0	37
4495	On the fossil and non-fossil fuel sources of carbonaceous aerosol with radiocarbon and AMS-PMF methods during winter hazy days in a rural area of North China plain. Environmental Research, 2022, 208, 112672.	7.5	11
4496	Evolution of size-segregated aerosol concentration in NW Spain: A two-step classification to identify new particle formation events. Journal of Environmental Management, 2022, 304, 114232.	7.8	2
4497	Insights into sources and atmospheric processing at two polluted urban locations in the Indo-Gangetic plains from stable carbon and nitrogen isotope ratios and polycyclic aromatic hydrocarbons in ambient PM2.5. Atmospheric Environment, 2022, 271, 118904.	4.1	7
4498	Effects of operating room layout and ventilation system on ultrafine particle transport and deposition. Atmospheric Environment, 2022, 270, 118901.	4.1	9
4499	Atmospheric transformation of urban particle number size distributions during the transport along street canyons as quantified by an aerosol sectional model. Atmospheric Pollution Research, 2022, 13, 101296.	3.8	5
4500	Understanding the heterogeneity of COVID-19 deaths and contagions: The role of air pollution and lockdown decisions. Journal of Environmental Management, 2022, 305, 114316.	7.8	13
4501	Pittsburgh Air Pollution Changes During the COVID-19 Lockdown. Environmental Advances, 2022, 7, 100149.	4.8	5

#	Article	IF	CITATIONS
4502	Energy Use and Human Health Nexus in Pakistan. Review of Economics and Development Studies, 2020, 6, 661-674.	0.5	5
4503	Aerosol Particle Deposition in the Lungs: Effect of Breathing Patterns. , 2020, , .		Ο
4504	Organic and Elemental Carbon in the Urban Background in an Eastern Mediterranean City. Atmosphere, 2022, 13, 197.	2.3	8
4505	Extracellular vesicles derived from PM2.5â€exposed alveolar epithelial cells mediate endothelial adhesion and atherosclerosis in ApoE <sup>â~'/â~'</sup> mice. FASEB Journal, 2022, 36, e22161.	0.5	8
4506	The Adverse Effects of Air Pollution on the Eye: A Review. International Journal of Environmental Research and Public Health, 2022, 19, 1186.	2.6	38
4507	In-Depth Analysis of Physicochemical Properties of Particulate Matter (PM10, PM2.5 and PM1) and Its Characterization through FTIR, XRD and SEM–EDX Techniques in the Foothills of the Hindu Kush Region of Northern Pakistan. Atmosphere, 2022, 13, 124.	2.3	19
4508	A review of atmospheric individual particle analyses: Methodologies and applications in environmental research. Gondwana Research, 2022, 110, 347-369.	6.0	23
4509	High Spatial-Temporal PM2.5 Modeling Utilizing Next Generation Weather Radar (NEXRAD) as a Supplementary Weather Source. Remote Sensing, 2022, 14, 495.	4.0	2
4510	Anatomy of the atmospheric emissions from the transport sector in Greece: trends and challenges. Environmental Science and Pollution Research, 2022, 29, 34670-34684.	5.3	5
4511	Evaluating SOA formation from different sources of semi- and intermediate-volatility organic compounds from the Athabasca Oil Sands. Environmental Science Atmospheres, 0, , .	2.4	1
4512	Joint Occurrence of Heavy PM2.5 Pollution Episodes and Persistent Foggy Days in Central East China. Frontiers in Environmental Science, 2022, 9, .	3.3	2
4513	Spatial Distribution of Air Pollution, Hotspots and Sources in an Urban-Industrial Area in the Lisbon Metropolitan Area, Portugal—A Biomonitoring Approach. International Journal of Environmental Research and Public Health, 2022, 19, 1364.	2.6	6
4514	Particle formation due to brake wear, influence on the people health and measures for their reduction: a review. Environmental Science and Pollution Research, 2022, 29, 9606-9625.	5.3	13
4515	Analyzing the effects of air pollution on life expectancy in Tehran, Iran. International Journal of Environmental Science and Technology, 2022, 19, 7009-7018.	3.5	1
4516	Surface photovoltage measurement of PM10 atmospheric aerosols collected over SRMIST-Kattankulathur campus (12.81°ÂN & 80.03°ÂE): a step towards utilization of atmospheric aerosols in optoelectronic applications. Journal of Materials Science: Materials in Electronics, 2022, 33. 9590-9598.	2.2	1
4517	Intervention of an Upgraded Ventilation System and Effects of the COVID-19 Lockdown on Air Quality at Birmingham New Street Railway Station. International Journal of Environmental Research and Public Health, 2022, 19, 575.	2.6	3
4518	Multiple Regression Analysis of Low Visibility Focusing on Severe Haze-Fog Pollution in Various Regions of China. Atmosphere, 2022, 13, 203.	2.3	7
4519	Comparison of metropolitan cities for mortality rates attributed to ambient air pollution using the AirQ model. Environmental Science and Pollution Research, 2022, 29, 43034-43047.	5.3	7

#	Article	IF	CITATIONS
4520	Real-time estimation of PM2.5 concentrations at high spatial resolution in Busan by fusing observational data with chemical transport model outputs. Atmospheric Pollution Research, 2022, 13, 101277.	3.8	4
4521	Particles Emission from an Industrial Spray Coating Process Using Nano-Materials. Nanomaterials, 2022, 12, 313.	4.1	6
4522	Preventing heart failure: a position paper of the Heart Failure Association in collaboration with the European Association of Preventive Cardiology. European Journal of Heart Failure, 2022, 24, 143-168.	7.1	41
4524	Air pollution in an urban street canyon: Novel insights from highly resolved traffic information and meteorology. Atmospheric Environment: X, 2022, 13, 100151.	1.4	3
4525	Rational Process Design for Facile Fabrication of Dual Functional Hybrid Membrane of MOF and Electrospun Nanofiber towards High Removal Efficiency of PM <sub>2.5</sub> and Toxic Gases. Macromolecular Rapid Communications, 2022, 43, e2100648.	3.9	12
4526	A review of secondary organic aerosols formation focusing on organosulfates and organic nitrates. Journal of Hazardous Materials, 2022, 430, 128406.	12.4	17
4527	Evaluation of the MODIS Collection 6.1 3Âkm aerosol optical depth product over China. Atmospheric Environment, 2022, 273, 118970.	4.1	2
4528	Comparative study on combustion and particulate emissions for diesel-biodiesel and diesel-diglyme blends. Fuel, 2022, 313, 122710.	6.4	9
4529	Flexible and reusable parylene C mask technology for applications in cascade impactor air quality monitoring systems. Micro and Nano Engineering, 2022, 14, 100108.	2.9	2
4530	Mitigation effects of alternative aviation fuels on non-volatile particulate matter emissions from aircraft gas turbine engines: A review. Science of the Total Environment, 2022, 820, 153233.	8.0	9
4531	Exhaust emissions from a prototype non-road natural gas engine. Fuel, 2022, 316, 123387.	6.4	2
4532	Surface coal mining and public health disparities: Evidence from Appalachia. Resources Policy, 2022, 76, 102567.	9.6	5
4533	Selecting Data Analytic and Modeling Methods to Support Air Pollution and Environmental Justice Investigations: A Critical Review and Guidance Framework. Environmental Science & Technology, 2022, 56, 2843-2860.	10.0	25
4534	Efficacy of liriope platyphylla extract for improving respiratory functions. Medicine (United States), 2022, 101, e28452.	1.0	1
4535	Associations of Exposure to Fine Particulate Matter Mass and Constituents with Systemic Inflammation: A Cross-Sectional Study of Urban Older Adults in China. Environmental Science & Technology, 2022, 56, 7244-7255.	10.0	21
4537	Spatial Estimation of PM2.5 Exposure and its Association with Asthma Exacerbation: A Prospective Study in Thai Children. Annals of Global Health, 2022, 88, 15.	2.0	8
4538	Do Ride-Hailing Services Worsen Freeway Congestion and Air Quality? Evidence From Uber in California. SSRN Electronic Journal, 0, , .	0.4	1
4539	Traffic-related air pollution and the developing brain. , 2022, , 833-843.		0

#	Article	IF	CITATIONS
4540	Spatial-Temporal Variation Characteristics and Influencing Factors of Air Quality in Guizhou Province from 2015 to 2019. Advances in Environmental Protection, 2022, 12, 90-102.	0.1	0
4541	Agricultural Fires in South Asian Countries and Implications. , 2022, , 501-516.		5
4542	Impactar Tool: Valuing Air Quality Health Impacts of Urban Bus Fleet Changes in Brazil (2022). , 0, , .		0
4543	Measurement of dispersion of PM 2.5 in Thailand using confidence intervals for the coefficient of variation of an inverse Gaussian distribution. PeerJ, 2022, 10, e12988.	2.0	4
4544	Smaller particular matter, larger risk of female lung cancer incidence? Evidence from 436 Chinese counties. BMC Public Health, 2022, 22, 344.	2.9	8
4545	Toxic test scores: The impact of chemical releases on standardized test performance within U.S. schools. Journal of Environmental Economics and Management, 2022, 115, 102628.	4.7	3
4546	Association between fine particulate air pollution and the risk of death from lung cancer in Taiwan. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2022, 85, 431-438.	2.3	11
4547	Transboundary Air Pollution Transport of PM10 and Benzo[a]pyrene in the Czech–Polish Border Region. Atmosphere, 2022, 13, 341.	2.3	4
4548	Optical Characterization of Fresh and Photochemically Aged Aerosols Emitted from Laboratory Siberian Peat Burning. Atmosphere, 2022, 13, 386.	2.3	3
4549	Chemical signature and fractionation of trace elements in fine particles from anthropogenic and natural sources. Journal of Environmental Sciences, 2022, 114, 365-375.	6.1	1
4550	Air Quality Sensors Systems as Tools to Support Guidance in Athletics Stadia for Elite and Recreational Athletes. International Journal of Environmental Research and Public Health, 2022, 19, 3561.	2.6	5
4551	Phase Behavior of Internal Mixtures of Hydrocarbon-like Primary Organic Aerosol and Secondary Aerosol Based on Their Differences in Oxygen-to-Carbon Ratios. Environmental Science & Technology, 2022, 56, 3960-3973.	10.0	12
4552	Beyond dirty teeth: Integrating dental calculus studies with osteoarchaeological parameters. Quaternary International, 2022, , .	1.5	8
4553	A Study on the Long-Term Variations in Mass Extinction Efficiency Using Visibility Data in South Korea. Remote Sensing, 2022, 14, 1592.	4.0	4
4554	Snow Cover as an Indicator of Dust Pollution in the Area of Exploitation of Rock Materials in the Świętokrzyskie Mountains. Atmosphere, 2022, 13, 409.	2.3	7
4555	Association of long-term exposure to PM2.5 with hypertension and diabetes among the middle-aged and elderly people in Chinese mainland: a spatial study. BMC Public Health, 2022, 22, 569.	2.9	12
4556	The Impact of COVID-19 Related Changes on Air Quality in Birmingham, Alabama, United States. International Journal of Environmental Research and Public Health, 2022, 19, 3168.	2.6	1
4557	Roles of Atmospheric Aerosols in Extreme Meteorological Events: a Systematic Review. Current Pollution Reports, 2022, 8, 177-188.	6.6	10

#	Article	IF	CITATIONS
4558	A Review on Climate, Air Pollution, and Health in North Africa. Current Environmental Health Reports, 2022, 9, 276-298.	6.7	13
4559	PM2.5 Concentration Exposure over the Belt and Road Region from 2000 to 2020. International Journal of Environmental Research and Public Health, 2022, 19, 2852.	2.6	8
4560	Resilience to health shocks and the spatial extent of local labour markets: evidence from the Covid-19 outbreak in Italy. Regional Studies, 0, , 1-18.	4.4	3
4561	Long-Term Variation in Carbonaceous Components of PM2.5 from 2012 to 2021 in Delhi. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 502-510.	2.7	9
4562	Fine particulate matter measured by satellites predicts the risk of age-related macular degeneration in a longitudinal cohort study. Environmental Science and Pollution Research, 2022, 29, 51942-51950.	5.3	9
4563	Insights about the Sources of PM2.5 in an Urban Area from Measurements of a Low-Cost Sensor Network. Atmosphere, 2022, 13, 440.	2.3	13
4564	Simulation of the Air Quality in Southern California, USA in July and October of the Year 2018. Atmosphere, 2022, 13, 548.	2.3	3
4565	Performance and Activity Characteristics of Zero Emission Battery-Electric Cargo Handling Equipment at a Port Terminal. , 0, , .		2
4566	Persistent Influence of Wildfire Emissions in the Western United States and Characteristics of Aged Biomass Burning Organic Aerosols under Clean Air Conditions. Environmental Science & Technology, 2022, 56, 3645-3657.	10.0	13
4567	Crop Residue Burning Emissions and the Impact on Ambient Particulate Matters over South Korea. Atmosphere, 2022, 13, 559.	2.3	1
4568	Monitoring ambient air particulates, VOC and CO <sub>2</sub> pollutants concentrations, particulates numbers by AQ Guard Ambient sampler. Environmental Forensics, 0, , 1-8.	2.6	1
4569	Morphology and Viscosity Changes after Reactive Uptake of Isoprene Epoxydiols in Submicrometer Phase Separated Particles with Secondary Organic Aerosol Formed from Different Volatile Organic Compounds. ACS Earth and Space Chemistry, 2022, 6, 871-882.	2.7	11
4570	Analysis of reduced and oxidized nitrogen-containing organic compounds at a coastal site in summer and winter. Atmospheric Chemistry and Physics, 2022, 22, 3045-3065.	4.9	14
4571	Maternal Exposure to Polychlorinated Biphenyls and Asthma, Allergic Rhinitis and Atopic Dermatitis in the Offspring: The Environmental Health Fund Birth Cohort. Frontiers in Pharmacology, 2022, 13, 802974.	3.5	4
4572	To pay or not to pay that is the question - for air pollution mitigation in a world's dynamic city: An experiment in Hanoi, Vietnam. Economic Analysis and Policy, 2022, 74, 687-701.	6.6	5
4573	Evaluation of small off-road diesel engine emissions and aftertreatment systems. Energy, 2022, 251, 123903.	8.8	10
4574	Emissions of non-methane hydrocarbons and typical volatile organic compounds from various grate-firing coal furnaces. Atmospheric Pollution Research, 2022, 13, 101380.	3.8	8
4575	Linking urbanization and air quality together: A review and a perspective on the future sustainable urban development. Journal of Cleaner Production, 2022, 346, 130988.	9.3	66

#	Article	IF	CITATIONS
4576	domestic biomass burning: a realistic approach using the lung deposition model. Environmental Science and Pollution Research, 2022, 29, 59606-59618.	5.3	2
4577	Does air quality affect inventor productivity? Evidence from the NOx budget program. Journal of Corporate Finance, 2022, 73, 102170.	5.5	3
4578	Implementation of an ensemble Kalman filter in the Community Multiscale Air Quality model (CMAQ) Tj ETQq0 0 Geoscientific Model Development, 2022, 15, 2773-2790.	0 rgBT /O 3.6	verlock 10 Tf 6
4579	Translating citizen-generated air quality data into evidence for shaping policy. Humanities and Social Sciences Communications, 2022, 9, .	2.9	7
4580	Simple and efficient method to detach intact PM10 from field filters: Elements recovery assessment. Atmospheric Pollution Research, 2022, 13, 101417.	3.8	1
4581	Impact of international Maritime Organization 2020 sulfur content regulations on port air quality at international hub port. Journal of Cleaner Production, 2022, 347, 131298.	9.3	13
4582	Does it take international integration of natural resources to ascend the ladder of environmental quality in the newly industrialized countries?. Resources Policy, 2022, 76, 102616.	9.6	90
4583	Effect of working conditions on oxidation activity and surface functional group of particulate matter emitted from China ⥠GDI engine. Fuel, 2022, 318, 123581.	6.4	4
4584	Multilevel structured PASS nanofiber filter with outstanding thermal stability and excellent mechanical property for high-efficiency particulate matter removal. Journal of Hazardous Materials, 2022, 431, 128514.	12.4	14
4585	Online in situ detection of local air conditions in hazardous operation scenarios. Chemosphere, 2022, 298, 134219.	8.2	1
4586	Temporal variations of the contribution of combustion-derived water vapor to urban humidity during winter in Xi'an, China. Science of the Total Environment, 2022, 830, 154711.	8.0	2
4587	Comparison of characteristics evaluated by different fractal approaches of soot agglomerates produced by a combustion aerosol generator. Experimental Thermal and Fluid Science, 2022, 136, 110662.	2.7	1
4588	Association between exposure to fine particulate matter and kidney function: Results from the Korea National Health and Nutrition Examination Survey. Environmental Research, 2022, 212, 113080.	7.5	9
4589	Internet of Things (IoT) and Indoor Air Quality (IAQ) Monitoring in the Health Domain. , 2021, , .		3
4590	Modeling Biomass Burning Organic Aerosol Atmospheric Evolution and Chemical Aging. Atmosphere, 2021, 12, 1638.	2.3	2
4591	Determination of PM1 Sources at a Prague Background Site during the 2012–2013 Period Using PMF Analysis of Combined Aerosol Mass Spectra. Atmosphere, 2022, 13, 20.	2.3	0
4592	Effects of air pollution on regional innovation and the mediator role of health: Evidence from China. Growth and Change, 2022, 53, 628-650.	2.6	3
4593	Association of air pollution and homocysteine with global DNA methylation: A population-based study from North India. PLoS ONE, 2021, 16, e0260860.	2.5	3

#	Article	IF	CITATIONS
4594	How Does Short-Term Air Pollution Exposure Influence Worker Performance? Evidence From Soccer Players in China. SSRN Electronic Journal, 0, , .	0.4	0
4595	Effect of Reducing Ammonia Volatilization from the Arable Soil with Iron Sulfate. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2020, 53, 405-414.	0.9	1
4596	Visualization and Analysis of COVID-19 Impact on PM2.5 Concentration in Guwahati city. , 2021, , .		2
4597	Occurrence and fate of micropollutants in air. , 2022, , 305-313.		1
4598	Comparison of the Particle Emission Behaviour of Automotive Drum and Disc Brakes. Proceedings, 2022, , 541-563.	0.3	1
4599	Formation, radiative forcing, and climatic effects of severe regional haze. Atmospheric Chemistry and Physics, 2022, 22, 4951-4967.	4.9	5
4600	Saharan Dust and Childhood Respiratory Symptoms in Benin. International Journal of Environmental Research and Public Health, 2022, 19, 4743.	2.6	3
4601	Forecasting the regional fire radiative power for regularly ignited vegetation fires. Natural Hazards and Earth System Sciences, 2022, 22, 1335-1346.	3.6	0
4602	Microscopic Insights Into the Formation of Methanesulfonic Acid–Methylamine–Ammonia Particles Under Acid-Rich Conditions. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	1
4603	Morphological and chemical classification of fine particles over the Yellow Sea during spring, 2015–2018. Environmental Pollution, 2022, 305, 119286.	7.5	5
4604	Volatile organic compound and particulate emissions from the production and use of thermoplastic biocomposite 3D printing filaments. Journal of Occupational and Environmental Hygiene, 2022, 19, 381-393.	1.0	1
4638	An observational analysis of pollution concentration from two major cities in Andhra Pradesh, India. AIP Conference Proceedings, 2022, , .	0.4	0
4639	Long-Term Trends of Submicron Particle Number Concentrations: Concurrent Effects of Emissions and Dispersion. SSRN Electronic Journal, 0, , .	0.4	0
4640	Ambient Particulate Matter Exposure During the First Trimester of Pregnancy and Increased Risk of Maternal Thyroid Dysfunction. SSRN Electronic Journal, 0, , .	0.4	0
4641	lodous acid – a more efficient nucleation precursor than iodic acid. Physical Chemistry Chemical Physics, 2022, 24, 13651-13660.	2.8	11
4642	Analysis of the Effect of Economic Development on Air Quality in Jiangsu Province Using Satellite Remote Sensing and Statistical Modeling. Atmosphere, 2022, 13, 697.	2.3	2
4643	Assessing the moderating effect of institutional quality on economic growth—carbon emission nexus in Nigeria. Environmental Science and Pollution Research, 2022, 29, 64924-64938.	5.3	15
4644	Concentration Characteristics of PM2.5 and the Contributions of Physical and Chemical Processes to its Production during 2019 PM2.5 Episodes in Seoul. Journal of Korean Society for Atmospheric Environment, 2022, 38, 220-236.	1.1	2

#	Article	IF	CITATIONS
4645	Characteristics of PM2.5 in an Industrial City of Northern China: Mass Concentrations, Chemical Composition, Source Apportionment, and Health Risk Assessment. International Journal of Environmental Research and Public Health, 2022, 19, 5443.	2.6	3
4646	Study on the effect of vehicular pollution on the ambient concentrations of particulate matter and carbon dioxide in Srinagar City. Environmental Monitoring and Assessment, 2022, 194, 393.	2.7	6
4647	Comparison of the Concentrations of Heavy Metals in PM2.5 Analyzed in Three Different Global Research Institutions Using X-ray Fluorescence. Applied Sciences (Switzerland), 2022, 12, 4572.	2.5	4
4648	Organic aerosol source apportionment by using rolling positive matrix factorization: Application to a Mediterranean coastal city. Atmospheric Environment: X, 2022, 14, 100176.	1.4	4
4649	Monitoring of Particulate Matter Concentration for Forage Crop Cultivation during Winter Season in Saemangeum. Saengmul Hwan'gyeong Jo'jeol Haghoeji, 2022, 31, 114-124.	0.8	1
4650	Understanding the Sources of Ambient Fine Particulate Matter (PM2.5) in Jeddah, Saudi Arabia. Atmosphere, 2022, 13, 711.	2.3	2
4651	Questioning the spatial association between the initial spread of COVID-19 and transit usage in Italy. Research in Transportation Economics, 2022, 95, 101194.	4.1	8
4652	In-use Emission Measurements from Two High-Speed Passenger Ferries Operating in California with Tier 2 and Tier 3 Marine Diesel Engines. Emission Control Science and Technology, 2022, 8, 109-121.	1.5	1
4653	Multi-layered micro/nanofibrous nonwovens for functional face mask filter. Nano Research, 2022, 15, 7549-7558.	10.4	27
4654	The Effects of Self-generated and Other-generated eWOM in Inoculating against Misinformation. Telematics and Informatics, 2022, , 101835.	5.8	2
4655	Source identification and ambient trace element concentrations of PM <sub>10</sub> using receptor modeling in an urban area of Chhattisgarh, India. Geocarto International, 0, , 1-27.	3.5	0
4656	Customization of GIS for spatial and temporal analyses of Air Quality Index trends in Kabul city. Modeling Earth Systems and Environment, 2022, 8, 5097-5106.	3.4	4
4657	Incorporating metal–organic frameworks into substrates for environmental applications. Chemical Engineering Journal, 2022, 446, 136866.	12.7	14
4658	Heat stress in Beijing and its relationship with boundary layer structure and air pollution. Atmospheric Environment, 2022, 282, 119159.	4.1	3
4659	Improving spatial variation of ground-level PM2.5 prediction with contrastive learning from satellite imagery. Science of Remote Sensing, 2022, 5, 100052.	4.8	6
4660	A holistic performance assessment of duct-type electrostatic precipitators. Journal of Cleaner Production, 2022, 357, 131997.	9.3	22
4661	Soot-particle core-shell and fractal structures from small-angle X-ray scattering measurements in a flame. Carbon, 2022, 196, 440-456.	10.3	10
4662	Effects of air pollution on human health – Mechanistic evidence suggested by in vitro and in vivo modelling. Environmental Research, 2022, 212, 113378.	7.5	27

#	Article	IF	CITATIONS
4663	China's pathways to synchronize the emission reductions of air pollutants and greenhouse gases: Pros and cons. Resources, Conservation and Recycling, 2022, 184, 106392.	10.8	13
4664	Carbonaceous aerosol and inorganic ions of PM2.5 in Yangon and Mandalay of Myanmar: Seasonal and spatial variations in composition and sources. Atmospheric Pollution Research, 2022, 13, 101444.	3.8	6
4665	Design and Development of Wireless Meteorological System for Measuring Air Pollutants at Indoor and Outdoor Environments. Mapan - Journal of Metrology Society of India, 2022, 37, 611-623.	1.5	2
4666	Intermediate- and long-term associations between air pollution and ambient temperature and glycated hemoglobin levels in women of child bearing age. Environment International, 2022, 165, 107298.	10.0	4
4667	Causal association between metro transits and air quality: China's evidence. Environmental Science and Pollution Research, 2022, 29, 70435-70447.	5.3	1
4671	The Impact of Changing Regulation Plans on Outdoor Ventilation Studied by Computational Fluid Dynamics. Lecture Notes in Networks and Systems, 2022, , 937-958.	0.7	1
4672	Phasing out coal power plants based on cumulative air pollution impact and equity objectives in net zero energy system transitions. Environmental Research: Infrastructure and Sustainability, 2022, 2, 021004.	2.3	9
4673	Investigation of indoor and outdoor air quality in a university campus during COVID-19 lock down period. Building and Environment, 2022, 219, 109176.	6.9	24
4674	Acting collectively against air pollution: When does control threat mobilize environmental activism? Registered report. Journal of Experimental Social Psychology, 2022, 102, 104352.	2.2	1
4675	Photothermal-Driven Flow with Water Droplets for Effective Removal of Indoor Fine Particulate Matters. SSRN Electronic Journal, 0, , .	0.4	0
4676	Bifunctional conjugated microporous polymer based filters for highly efficient PM and gaseous iodine capture. Polymer Chemistry, 2022, 13, 3681-3688.	3.9	2
4677	A Self-Priming Air Filtration System Based on Triboelectric Nanogenerators. SSRN Electronic Journal, 0, , .	0.4	0
4678	Fine Particulate Matter Injury Airway Barrier Through Oxidative Stress Promotes the Demethylase <i>FTO</i> Regulating <i>IKKβ</i> m6A Modification and <i>NF-βB</i> Activation in Asthma. SSRN Electronic Journal, 0, , .	0.4	0
4679	Spatial analysis of the particulate matter (PM10) an assessment of air pollution in the region of Madrid (Spain): spatial interpolation comparisons and results. International Journal of Environmental Studies, 0, , 1-11.	1.6	0
4680	Detection of Outliers and Extreme Events of Ground Level Particulate Matter Using DBSCAN Algorithm with Local Parameters. Water, Air, and Soil Pollution, 2022, 233, .	2.4	1
4681	Quantitative Evaluation of Psychological Tolerance under the Haze: A Case Study of Typical Provinces and Cities in China with Severe Haze. International Journal of Environmental Research and Public Health, 2022, 19, 6574.	2.6	5
4682	Deposition of trace metals associated with atmospheric particulate matter: Environmental fate and health risk assessment. Chemosphere, 2022, 303, 135051.	8.2	35
4683	Mechanistic Insights into the Impact of Air Pollution on Pneumococcal Pathogenesis and Transmission. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1070-1080.	5.6	12

#	Article	IF	CITATIONS
4684	Effects of the VACES particle concentrator on secondary organic aerosol and ambient particle composition. Aerosol Science and Technology, 2022, 56, 785-801.	3.1	0
4685	Levels of indoor particulate matter and association with asthma in children in Benin City, Nigeria. Environmental Monitoring and Assessment, 2022, 194, .	2.7	4
4686	Characteristics, formation, and sources of PM2.5 in 2020 in Suzhou, Yangtze River Delta, China. Environmental Research, 2022, 212, 113545.	7.5	6
4688	The Effect of Transportation and Wildfires on the Spatiotemporal Heterogeneity of PM <sub>2.5</sub> Mass in the New York-New Jersey Metropolitan Statistical Area. Environmental Health Insights, 2022, 16, 117863022211040.	1.7	0
4689	Effect of Particle Combination Characteristics on Pm2.5 Granular Bed Filtration Efficiency and Pressure Drop. SSRN Electronic Journal, 0, , .	0.4	0
4690	Human Advancement and Sustainable Natural Capital Use in the Middle East and North Africa. , 2022, , 7-55.		0
4691	Blue Skies for Healthy and Prosperous Cities. , 2022, , 57-180.		0
4692	Positive Effect of Air Purifier Intervention on Baroreflex Sensitivity and Biomarkers of Oxidative Stress in Patients with Coronary Artery Disease: A Randomized Crossover Intervention Trial. International Journal of Environmental Research and Public Health, 2022, 19, 7078.	2.6	4
4693	Isoprene–Chlorine Oxidation in the Presence of NO <i><sub>x</sub></i> and Implications for Urban Atmospheric Chemistry. Environmental Science & Technology, 2022, 56, 9251-9264.	10.0	3
4694	Nontarget Approach to Identify Complexing Agents in Atmospheric Aerosol and Rainwater Samples. Analytical Chemistry, 2022, 94, 8966-8974.	6.5	4
4695	Coarse Particulate Air Pollution and Daily Mortality: A Global Study in 205 Cities. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 999-1007.	5.6	28
4696	Low-emission zones, modes of transport and house prices: evidence from Berlin's commuter belt. Transportation, 0, , .	4.0	1
4697	Human health risk assessment of PM2.5-bound heavy metal of anthropogenic sources in the Khon Kaen Province of Northeast Thailand. Heliyon, 2022, 8, e09572.	3.2	24
4698	Evaluation of Measurement Procedures for Solid Particle Number (SPN) Measurements during the Periodic Technical Inspection (PTI) of Vehicles. International Journal of Environmental Research and Public Health, 2022, 19, 7602.	2.6	8
4699	Chemical Structure Regulates the Formation of Secondary Organic Aerosol and Brown Carbon in Nitrate Radical Oxidation of Pyrroles and Methylpyrroles. Environmental Science & Technology, 2022, 56, 7761-7770.	10.0	4
4700	Coupling Sr–Nd–Hf Isotope Ratios and Elemental Analysis to Accurately Quantify North African Dust Contributions to PM <sub>2.5</sub> in a Complex Urban Atmosphere by Reducing Mineral Dust Collinearity. Environmental Science & Technology, 2022, 56, 7729-7740.	10.0	3
4701	A grouped spatial-temporal model for PM <sub>2.5</sub> data and its applications on outlier detection. Communications in Statistics Part B: Simulation and Computation, 0, , 1-13.	1.2	0
4702	Comparison of size-resolved PM elements measured using aluminum foil and Teflon impaction substrates: Implications for ultrafine particle source apportionment and future sampling networks in California. Science of the Total Environment, 2022, 838, 156523.	8.0	0

#	Article	IF	CITATIONS
4703	Particulate Air Pollution in the Copenhagen Metro Part 2: Low-Cost Sensors and Micro-Environment Classification. SSRN Electronic Journal, 0, , .	0.4	1
4704	Integration of Indoor Air Quality Prediction into Healthy Building Design. Sustainability, 2022, 14, 7890.	3.2	8
4705	Influence of Multi-Scale Meteorological Processes on PM2.5 Pollution in Wuhan, Central China. Frontiers in Environmental Science, 0, 10, .	3.3	1
4706	Estimation of Source Apportionment for PM2.5 Data of Air Pollution Monitoring Site in Pohang Using the EPA-PMF Model. Journal of Korean Society for Atmospheric Environment, 2022, 38, 354-374.	1.1	3
4707	Particulate Matter (PM2.5) Characterization, Air Quality Level and Origin of Air Masses in an Urban Background in Pretoria. Archives of Environmental Contamination and Toxicology, 2022, 83, 77-94.	4.1	5
4708	Long-term trends of ultrafine and fine particle number concentrations in New York State: Apportioning between emissions and dispersion. Environmental Pollution, 2022, 310, 119797.	7.5	10
4709	Residential wood heating: An overview of U.S. impacts and regulations. Journal of the Air and Waste Management Association, 2022, 72, 619-628.	1.9	6
4710	The Non-Linear Impact of Financial Development on Environmental Quality and Sustainability: Evidence from G7 Countries. International Journal of Environmental Research and Public Health, 2022, 19, 8382.	2.6	14
4711	Air pollution and individual productivity: Evidence from the Ironman Triathlon results. Economics and Human Biology, 2022, 47, 101159.	1.7	2
4712	Impact of the Lubrizol factory fire in Rouen on coronary events: A retrospective study from the France PCI registry. Archives of Cardiovascular Diseases, 2022, 115, 467-475.	1.6	0
4713	Nucleation-accumulation mode trade-off in non-volatile particle emissions from a small non-road small diesel engine. Environmental Science and Pollution Research, 2022, 29, 89449-89468.	5.3	1
4714	Novel metal mesh filter equipped with pulse-jet regeneration for small-scale biomass boilers. Biomass and Bioenergy, 2022, 163, 106520.	5.7	2
4715	A surrogate-assisted measurement correction method for accurate and low-cost monitoring of particulate matter pollutants. Measurement: Journal of the International Measurement Confederation, 2022, 200, 111601.	5.0	3
4716	Exposures to low-levels of fine particulate matter are associated with acute changes in heart rate variability, cardiac repolarization, and circulating blood lipids in coronary artery disease patients. Environmental Research, 2022, 214, 113768.	7.5	3
4717	Exposure to fine particulate matter (PM2.5) during landscape fire events and the risk of cardiorespiratory emergency department attendances: a time-series study in Perth, Western Australia. Journal of Epidemiology and Community Health, 2022, 76, 809-818.	3.7	4
4718	Association of exposure to ambient particulate matter with maternal thyroid function in early pregnancy. Environmental Research, 2022, 214, 113942.	7.5	4
4719	Performance assessment of NOVA SDS011 low-cost PM sensor in various microenvironments. Environmental Monitoring and Assessment, 2022, 194, .	2.7	3
4720	Air Quality. , 2022, , 105-131.		0

#	Article	IF	CITATIONS
4721	Evaluation of organic aerosol filter sampling artefacts and implications to gravimetric PM2.5 mass at a COALESCE network site - Bhopal, India. Journal of Environmental Management, 2022, 319, 115749.	7.8	5
4723	McIntyre Powder and its potential contributions to cardiovascular disease risk: A literature review through the McIntyre Powder historical lens. American Journal of Industrial Medicine, 0, , .	2.1	2
4724	Air pollution exposure assessment at schools and playgrounds in Williamsburg Brooklyn NYC, with a view to developing a set of policy solutions. Journal of Environmental Studies and Sciences, 2022, 12, 838-852.	2.0	2
4725	Mediating Role of Fine Particles Abatement on Pediatric Respiratory Health During COVIDâ€19 Stayâ€atâ€Home Order in San Diego County, California. GeoHealth, 2022, 6, .	4.0	1
4726	Association between out-patient visits and air pollution in Chiang Mai, Thailand: Lessons from a unique situation involving a large data set showing high seasonal levels of air pollution. PLoS ONE, 2022, 17, e0272995.	2.5	4
4727	Barking up the right tree: Using tree bark to track airborne particles in school environment and link science to society. GeoHealth, 0, , .	4.0	1
4728	Comparison of Methods for Sampling Particulate Emissions from Tires under Different Test Environments. Atmosphere, 2022, 13, 1262.	2.3	6
4729	The Impact of Fine Particulate Matter 2.5 on the Cardiovascular System: A Review of the Invisible Killer. Nanomaterials, 2022, 12, 2656.	4.1	24
4730	Highlighting the role of earth observation Sentinel5P TROPOMI in monitoring volcanic eruptions: a report on Hunga Tonga, a Submarine Volcano. Remote Sensing Letters, 2022, 13, 912-923.	1.4	0
4732	Air Pollution Detection and Sports Club Environmental Responsibility Based on the RBF Neural Network. Computational Intelligence and Neuroscience, 2022, 2022, 1-8.	1.7	Ο
4733	A Review of Ambient Air Pollution Exposure Assessment Methods in Determining Childhood Respiratory Health Effects in Children under Five. Environments - MDPI, 2022, 9, 107.	3.3	1
4734	Validity of using ambient concentrations as surrogate exposures at the individual level for fine particle and black carbon: A systematic review and meta-analysis. Environmental Pollution, 2022, 312, 120030.	7.5	4
4735	Pump-inject antimicrobial and biodegradable aerogel as mask intermediate filter layer for medical protection of air filtration. Materials Today Sustainability, 2022, 19, 100211.	4.1	1
4736	Effect of environmental factors on the concentration distribution of bioaerosols with different particle sizes in an enclosed space. Indoor and Built Environment, 2023, 32, 408-424.	2.8	1
4737	Meteorological dependence, source identification, and carcinogenic risk assessment of PM2.5-bound Polycyclic Aromatic Hydrocarbons (PAHs) in high-traffic roadside, urban background, and remote suburban area. Journal of Environmental Health Science & Engineering, 2022, 20, 813-826.	3.0	3
4738	Measurement report: Size-resolved chemical characterisation of aerosols in low-income urban settlements in South Africa. Atmospheric Chemistry and Physics, 2022, 22, 10291-10317.	4.9	0
4739	Impacts of the COVID-19 lockdown measures on coarse and fine atmospheric aerosol particles (PM) in the city of Rome (Italy): compositional data analysis approach. Air Quality, Atmosphere and Health, 0, , .	3.3	0
4740	Protecting playgrounds: local-scale reduction of airborne particulate matter concentrations through particulate deposition on roadside †tredges' (green infrastructure). Scientific Reports, 2022, 12, .	3.3	8

#	Article	IF	CITATIONS
4741	Effect of atmospheric and operational variables on dispersion of bauxite particulates at Mormugaon Port, Goa, India. Materials Today: Proceedings, 2022, 67, 1190-1196.	1.8	0
4742	Analysis of the seasonal and fractional variability of metals bearing particles in an urban environment and their inhalability. Journal of Atmospheric Chemistry, 2023, 80, 77-101.	3.2	1
4743	Effect of particulate matter 2.5 on QT dispersion in patients with chronic respiratory disease. Scientific Reports, 2022, 12, .	3.3	0
4744	Evaluation of data preprocessing and feature selection process for prediction of hourly PM10 concentration using long short-term memory models. Environmental Pollution, 2022, 311, 119973.	7.5	9
4745	Impact of COVID-19 lockdown on carbonaceous aerosols in a polluted city: Composition characterization, source apportionment, influence factors of secondary formation. Chemosphere, 2022, 307, 136028.	8.2	8
4746	Spatial-temporal characterization of air pollutants using a hybrid deep learning/Kriging model incorporated with a weather normalization technique. Atmospheric Environment, 2022, 289, 119304.	4.1	10
4747	Factors affecting occupational black carbon exposure in enclosed railway stations. Atmospheric Environment, 2022, 289, 119301.	4.1	2
4748	Innovative experimental approach for spatial mapping of source-specific risk contributions of potentially toxic trace elements in PM10. Chemosphere, 2022, 307, 135871.	8.2	3
4749	Effects of soil surface degradation and vehicle momentum on dust emissions and visibility reduction from unpaved roads. Transportation Geotechnics, 2022, 37, 100842.	4.5	2
4750	Occupational health hazards of stone quarry workers of Nagaland, India. Human Biology and Public Health, 0, 1, .	0.0	1
4751	Influence of air inlet and cleaning chamber on the performance of mining cartridge filter. Advanced Powder Technology, 2022, 33, 103796.	4.1	1
4752	Association between short-term exposure to ambient air pollution and biomarkers of coagulation: A systematic review and meta-analysis. Environmental Research, 2022, 215, 114210.	7.5	2
4753	Estimation of daily ground-level PM2.5 concentrations over the Pearl River Delta using 1Âkm resolution MODIS AOD based on multi-feature BiLSTM. Atmospheric Environment, 2022, 290, 119362.	4.1	6
4754	A policy perspective on Nova Scotia's plans to reduce dependency on fossil fuels for electricity generation and improve air quality. Cleaner Production Letters, 2022, 3, 100017.	2.9	4
4755	Toxicological effects of fresh and aged gasoline exhaust particles in Hong Kong. Journal of Hazardous Materials, 2023, 441, 129846.	12.4	5
4756	Studying Phase Changes of Bioaerosol Clouds in the Atmosphere Using Hyperspectral Lif-Lidar. SSRN Electronic Journal, 0, , .	0.4	0
4757	Improving Performance of Low-Cost Sensors Using Machine Learning Calibration with a 2-Step Model. Studies in Computational Intelligence, 2022, , 373-386.	0.9	0
4758	Is Digital Goods Consumption Resilient to Air Pollution?. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	CITATIONS
4759	The Effect of Air Pollution on Chinese Green Bond Market: The Mediation Role of Public Concern. SSRN Electronic Journal, 0, , .	0.4	0
4760	Quantification and physical analysis of nanoparticle emissions from a marine engine using different fuels and a laboratory wet scrubber. Environmental Sciences: Processes and Impacts, 2022, 24, 1769-1781.	3.5	1
4761	A self-priming air filtration system based on triboelectric nanogenerator for active air purification. Chemical Engineering Journal, 2023, 452, 139428.	12.7	8
4762	Chemical characterization of sub-micron aerosols over the East Sea (Sea of Japan). Science of the Total Environment, 2023, 856, 159173.	8.0	3
4763	A Low Power System for Synchronising Buffered Air Quality Data. , 2022, , .		0
4764	Validation Test on a Light Duty Vehicle Equipped with a GDI Engine to Meet China 6b RDE Regulation for PN. , 0, , .		2
4765	Exposure to Source-Specific Particulate Matter and Health Effects: a Review of Epidemiological Studies. Current Pollution Reports, 2022, 8, 569-593.	6.6	3
4766	Simultaneous desulfurization and denitrification of flue gas enabled by hydrojet cyclone. Journal of Cleaner Production, 2022, 377, 134205.	9.3	10
4767	Magnetic and elemental characterization of the particulate matter deposited on leaves of urban trees in Santiago, Chile. Environmental Geochemistry and Health, 2023, 45, 2629-2643.	3.4	1
4768	Bioaerosol and microbial exposures from residential evaporative coolers and their potential health outcomes: A review. Indoor Air, 2022, 32, .	4.3	1
4769	Evaluation of City-Scale Disparities in PM <sub>2.5</sub> Exposure Using Hyper-Localized Taxi-Based Mobile Monitoring. Environmental Science & Technology, 2022, 56, 13584-13594.	10.0	2
4770	Quantifying residual elemental carbon by thermal-optical analysis using an extended IMPROVE_A protocol with higher maximum temperature. Journal of the Air and Waste Management Association, 2022, 72, 1316-1325.	1.9	0
4771	Infiltration of outdoor PM2.5 and influencing factors. Air Quality, Atmosphere and Health, 2022, 15, 2215-2230.	3.3	3
4772	Chemical Characterization of Nanoparticle Emissions from Brakes - The nPETS Project. , 0, , .		1
4773	Global premature mortality by dust and pollution PM2.5 estimated from aerosol reanalysis of the modern-era retrospective analysis for research and applications, version 2. Frontiers in Environmental Science, 0, 10, .	3.3	2
4774	A new hot-stage microscopy technique for measuring temperature-dependent viscosities of aerosol particles and its application to farnesene secondary organic aerosol. Atmospheric Measurement Techniques, 2022, 15, 5545-5561.	3.1	0
4775	Air Quality Assessment During Festivities in Shimla City, India. Lecture Notes in Civil Engineering, 2023, , 883-894.	0.4	0
4776	Measurement report: Characterisation and sources of the secondary organic carbon in a Chinese megacity over 5 years from 2016 to 2020. Atmospheric Chemistry and Physics, 2022, 22, 12789-12802.	4.9	6

ARTICLE IF CITATIONS Amine Volatilization from Herbicide Salts: Implications for Herbicide Formulations and Atmospheric 10.0 4 4777 Chemistry. Environmental Science & amp; Technology, 2022, 56, 13644-13653. Heating energy implications of utilizing gas-phase air cleaners in buildings' centralized air handling 4778 5.1 units. Results in Engineering, 2022, 16, 100619. Methods for assessing the impact of PM2.5 concentration on mortality while controlling for 4779 3.2 1 socio-economic factors. Heliyon, 2022, 8, e10729. Impact of airport operations and road traffic on the particle number concentration in the vicinity of a suburban airport. Frontiers in Environmental Science, 0, 10, . Project RISE: Recognizing Industrial Smoke Emissions. Proceedings of the AAAI Conference on 4781 4.9 10 Artificial Intelligence, 2021, 35, 14813-14821. Estimated timescales for wet deposition of organic compounds as a function of Henry's law constants. Environmental Science Atmospheres, 0, , . 2.4 Assessing Air Pollution and Determining the Composition of Airborne Dust in Urbanized Areas: 4783 2.30 Granulometric Characteristics. Atmosphere, 2022, 13, 1802. Contributions of primary sources to submicron organic aerosols in Delhi, India. Atmospheric 4784 4.9 Chemistry and Physics, 2022, 22, 13631-13657. An analysis of particulate pollution using urban aerosol pollution island intensity over Delhi, India. 4785 2.7 2 Environmental Monitoring and Assessment, 2022, 194, . Air Pollution (PM2.5) Negatively Affects Urban Livability in South Korea and China. International 2.6 Journal of Environmental Research and Public Health, 2022, 19, 13049. Effects of organic chemicals from diesel exhaust particles on adipocytes differentiated from human 4787 4 2.5 mesenchymal stem cells. Basic and Clinical Pharmacology and Toxicology, 2023, 132, 83-97. Effects of process variables for NO conversion by double-layered photocatalytic mortar with TiO2 4788 5.8 nanoparticles. Journal of Industrial and Engineering Chemistry, 2023, 117, 461-472. Excess mortality and protected areas during the COVID-19 pandemic: Evidence from Italian 4789 3.0 1 municipalities. Health Policy, 2022, 126, 1269-1276. Environmental Regulation and Chronic Conditions: Evidence from China's Air Pollution Prevention and Control Action Plan. International Journal of Environmental Research and Public Health, 2022, 19, 4790 2.6 12584. Do plant traits help to design green walls for urban air pollution control? A short review of 4791 scientific evidences and knowledge gaps. Environmental Science and Pollution Research, 2022, 29, 5.3 4 81210-81221. Sunlight can convert atmospheric aerosols into a glassy solid state and modify their environmental 4792 impacts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . Steppingstones for Ecological Modernization: A Case Evaluation of ESTs for Hog (Sus domesticus) 4793 1.7 0 Production. Agricultural Research, 0, , . Seasonal Variability of Large-Sized Particulate Matter Concentrations. Water, Air, and Soil Pollution, 4794 2.4 2022, 233, .

#	Article	IF	CITATIONS
4795	Atmospheric micro (nano) plastics: future growing concerns for human health. Air Quality, Atmosphere and Health, 2023, 16, 233-262.	3.3	28
4796	Molecular composition and gas-particle partitioning of indoor cooking aerosol: Insights from a FIGAERO-CIMS and kinetic aerosol modeling. Aerosol Science and Technology, 2022, 56, 1156-1173.	3.1	4
4797	Associations between short-term exposure to ambient PM2.5 and incident cases of cerebrovascular disease in Yantai, China. Environmental Science and Pollution Research, 2023, 30, 21970-21977.	5.3	1
4798	Short-term exposure to ambient fine particulate matter and psoriasis: A time-series analysis in Beijing, China. Frontiers in Public Health, 0, 10, .	2.7	2
4799	High-resolution impacts of green areas on air quality in Madrid. Air Quality, Atmosphere and Health, 2023, 16, 37-48.	3.3	2
4800	Spatial Equity of PM2.5 Pollution Exposures in High-Density Metropolitan Areas Based on Remote Sensing, LBS and GIS Data: A Case Study in Wuhan, China. International Journal of Environmental Research and Public Health, 2022, 19, 12671.	2.6	1
4801	Effect of restricted emissions during COVID-19 on atmospheric aerosol chemistry in a Greater Cairo suburb: Characterization and enhancement of secondary inorganic aerosol production. Atmospheric Pollution Research, 2022, 13, 101587.	3.8	4
4802	The effect of air pollution on Chinese green bond market: The mediation role of public concern. Journal of Environmental Management, 2023, 325, 116522.	7.8	18
4803	Volumetric emission tomography for combustion processes. Progress in Energy and Combustion Science, 2023, 94, 101024.	31.2	29
4804	Spatiotemporal high-resolution imputation modeling of aerosol optical depth for investigating its full-coverage variation in China from 2003 to 2020. Atmospheric Research, 2023, 281, 106481.	4.1	9
4805	Seasonal Variability of Resuspension. MATEC Web of Conferences, 2022, 369, 02009.	0.2	0
4806	Living Closer to Major Roads May Increase the Risk of Cognitive Decline. , 2022, , 135-149.		0
4807	Evidence based public he alth - the example of air pollution. Swiss Medical Weekly, 0, , .	1.6	9
4808	The combined effect of carding and punching parameters on the structural, mechanical and functional properties of needle-punched nonwovens. Journal of Industrial Textiles, 2022, 52, 152808372211130.	2.4	1
4809	Evaluation of the annual economic costs associated with PM2.5-based health damage—a case study in Ho Chi Minh City, Vietnam. Air Quality, Atmosphere and Health, 2023, 16, 415-435.	3.3	6
4810	The effect of the averaging period for PMF analysis of aerosol mass spectrometer measurements during offline applications. Atmospheric Measurement Techniques, 2022, 15, 6419-6431.	3.1	2
4811	Smart Wireless Particulate Matter Sensor Node for IoT-Based Strategic Monitoring Tool of Indoor COVID-19 Infection Risk via Airborne Transmission. Sustainability, 2022, 14, 14433.	3.2	3
4812	Preparation of Nanofiber Bundles via Electrospinning Immiscible Polymer Blend for Oil/Water Separation and Air Filtration. Polymers, 2022, 14, 4722.	4.5	4

#	Article	IF	CITATIONS
4813	Seasonal Characteristics of Atmospheric PM2.5 in an Urban Area of Vietnam and the Influence of Regional Fire Activities. Atmosphere, 2022, 13, 1911.	2.3	1
4814	Research on Lidar Network Observation of Aerosol and Pollution in Beijing 2022 Winter Olympics. Atmosphere, 2022, 13, 1901.	2.3	1
4815	Particulate air pollution in the Copenhagen metro part 2: Low-cost sensors and micro-environment classification. Environment International, 2022, 170, 107645.	10.0	2
4816	Mortality Assessment Due to Fine-PM Exposure During 2019 Stubble Burning Season in Punjab, Haryana, and Delhi Using WHO AirQ+ model. Lecture Notes in Mechanical Engineering, 2023, , 630-640.	0.4	0
4817	Consequences of exposure to pollutants on respiratory health: From genetic correlations to causal relationships. PLoS ONE, 2022, 17, e0277235.	2.5	1
4818	The mortality impact of fine particulate matter in China: Evidence from trade shocks. Journal of Environmental Economics and Management, 2023, 117, 102759.	4.7	6
4820	Pollutant Levels at Cooking Place and Their Association with Respiratory Symptoms in Women in a Rural Area of Delhi-NCR. The Indian Journal of Chest Diseases & Allied Sciences, 2022, 57, 225-231.	0.1	13
4821	Identifying a suitable model for predicting hourly pollutant concentrations by using low-cost microstation data and machine learning. Scientific Reports, 2022, 12, .	3.3	1
4822	Experimental research of capture enhancement mechanism of submicron particles by designing two-stage electrostatic precipitators with various ratios of charger and collector units. Chemical Engineering Research and Design, 2023, 189, 52-63.	5.6	1
4823	Numerical modeling of thermal influence to pollutant dispersion and dynamics of particles motion with various sizes in idealized street canyon. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, .	1.0	0
4824	PM2.5 removal by urban trees in areas with different forestry conditions in São Paulo using a big-leaf modeling approach. Brazilian Journal of Environmental Sciences (Online), 2022, 57, 606-617.	0.4	1
4825	Effect of polycyclic aromatic hydrocarbons on immunity. Journal of Translational Autoimmunity, 2022, 5, 100177.	4.0	8
4826	Quantifying dust emission potential of playa and desert surfaces in the Salton Sea Air Basin, California, United States. Aeolian Research, 2023, 60, 100850.	2.7	1
4827	Pollution and cardiovascular health: A contemporary review of morbidity and implications for planetary health. American Heart Journal Plus, 2023, 25, 100231.	0.6	2
4828	The impact of air pollution on physical disability in a middle-aged and older Chinese population using regression discontinuity design. Health and Place, 2023, 79, 102958.	3.3	1
4829	Distribution patterns and influencing factors of population exposure risk to particulate matters based on cell phone signaling data. Sustainable Cities and Society, 2023, 89, 104346.	10.4	4
4830	A new filterless indoor air purifier for particulate matter and bioaerosol based on heterogeneous condensation. Environmental Research, 2023, 218, 115034.	7.5	6
4831	Climate, Urbanization and Environmental Pollution in West Africa. Sustainability, 2022, 14, 15602.	3.2	3
#	Article	IF	CITATIONS
------	---	------	-----------
4832	Environmental and Occupational Factors; Contribution and Perspectives on Difficult to Treat Asthma. , 0, , .		1
4833	Establishment of a City-Based Index to Communicate Air Pollution-Related Health Risks to the Public in Bangkok, Thailand. Sustainability, 2022, 14, 16702.	3.2	1
4834	Health and economic impacts of ambient air pollution on hospital admissions for overall and specific cardiovascular diseases in Panzhihua, Southwestern China. Journal of Global Health, 0, 12, .	2.7	3
4835	Health Effects of PM2.5 Exposure in China from 2004 to 2018: A Systematic Review and Meta-Analysis. Sustainability, 2023, 15, 224.	3.2	0
4836	Polyacrylonitrile@TiO2 nanofibrous membrane decorated by MOF for efficient filtration and green degradation of PM2.5. Journal of Colloid and Interface Science, 2023, 635, 598-610.	9.4	17
4837	An Air Quality Modeling and Disability-Adjusted Life Years (DALY) Risk Assessment Case Study: Comparing Statistical and Machine Learning Approaches for PM2.5 Forecasting. Sustainability, 2022, 14, 16641.	3.2	0
4838	Spatial epidemiology of acute respiratory infections in children under 5 years and associated risk factors in India: District-level analysis of health, household, and environmental datasets. Frontiers in Public Health, 0, 10, .	2.7	3
4839	Submicron Aerosol Composition and Source Contribution across the Kathmandu Valley, Nepal, in Winter. ACS Earth and Space Chemistry, 2023, 7, 49-68.	2.7	3
4840	Development of a CNN+LSTM Hybrid Neural Network for Daily PM2.5 Prediction. Atmosphere, 2022, 13, 2124.	2.3	8
4842	Deep Learning Implementation Using Long Short Term Memory Architecture for PM <sub>2.5</sub> Concentration Prediction: a Review. IOP Conference Series: Earth and Environmental Science, 2022, 1105, 012026.	0.3	1
4843	A novel ensemble-based statistical approach to estimate daily wildfire-specific PM2.5 in California (2006–2020). Environment International, 2023, 171, 107719.	10.0	20
4844	Nowcasting Applications of Geostationary Satellite Hourly Surface PM2.5 Data. Weather and Forecasting, 2022, 37, 2313-2329.	1.4	1
4845	Prenatal and postnatal exposure to <scp>PM<sub>2</sub></scp> <sub>.5</sub> and the risk of tic disorders. Paediatric and Perinatal Epidemiology, 2023, 37, 191-200.	1.7	0
4846	Effect of Airborne Particulate Matter on Cardiovascular Diseases. Atmosphere, 2022, 13, 2030.	2.3	0
4847	The Road to Malignant Cell Transformation after Particulate Matter Exposure: From Oxidative Stress to Genotoxicity. International Journal of Molecular Sciences, 2023, 24, 1782.	4.1	5
4848	Laser-Induced Incandescence and Other Particle Diagnostics. , 2023, , 633-776.		0
4849	CFD Modeling of Waste Heat Recovery System to Dry Sand Mold at G-7 Trading and Industry PLC, Ethiopia. Applied Mechanics and Materials, 0, 911, 69-76.	0.2	0
4850	Full Coverage Hourly PM2.5 Concentrations' Estimation Using Himawari-8 and MERRA-2 AODs in China. International Journal of Environmental Research and Public Health, 2023, 20, 1490.	2.6	2

#	Article	IF	CITATIONS
4851	Large mitigation potential of smoke PM <sub>2.5</sub> in the US from human-ignited fires. Environmental Research Letters, 2023, 18, 014002.	5.2	1
4852	A benchmark dataset for binary segmentation and quantification of dust emissions from unsealed roads. Scientific Data, 2023, 10, .	5.3	2
4853	In vitro assessment of the pulmonary toxicity of particulate matter emitted during haze events in Chiang Mai, Thailand via investigation of macrophage responses. , 2023, 1, 025002.		1
4854	Version 2 of the global catalogue of large anthropogenic and volcanic SO <sub>2</sub> sources and emissions derived from satellite measurements. Earth System Science Data, 2023, 15, 75-93.	9.9	14
4855	Long-term planetary boundary layer features and associated PM2.5 pollution anomalies in Beijing during the past 40Ayears. Theoretical and Applied Climatology, 2023, 151, 1787-1804.	2.8	3
4856	Can Regional Eco-Efficiency Forecast the Changes in Local Public Health: Evidence Based on Statistical Learning in China. International Journal of Environmental Research and Public Health, 2023, 20, 1381.	2.6	0
4857	The impact of greenspace on air pollution: Empirical evidence from China. Ecological Indicators, 2023, 146, 109881.	6.3	10
4858	An ensemble mixed spatial model in estimating long-term and diurnal variations of PM2.5 in Taiwan. Science of the Total Environment, 2023, 866, 161336.	8.0	7
4859	Evaluation of Emission Characteristics and Microstructure of Particulate Matters from Excavation and Restoration Work on Asphalt Concrete Pavement. Applied Sciences (Switzerland), 2023, 13, 323.	2.5	0
4860	Particulate matter 2.5, metropolitan status, and heart failure outcomes in US counties: A nationwide ecologic analysis. PLoS ONE, 2022, 17, e0279777.	2.5	0
4861	Air Pollution and Health. , 2013, , 244-267.		0
4862	Triboelectric Nanogenerator for Particle Filtering. , 2023, , 1-32.		0
4864	Mining association rules between lichens and air quality to support urban air quality monitoring in Nigeria. Heliyon, 2023, 9, e13073.	3.2	3
4865	Unexpected Performance Improvements of Nitrogen Dioxide and Ozone Sensors by Including Carbon Monoxide Sensor Signal. ACS Omega, 2023, 8, 5917-5924.	3.5	5
4866	Association between long-term air pollution exposure and COVID-19 mortality in Latin America. PLoS ONE, 2023, 18, e0280355.	2.5	4
4867	Wildfires Impact Assessment on PM Levels Using Generalized Additive Mixed Models. Atmosphere, 2023, 14, 231.	2.3	0
4868	Long-term monitoring of cloud water chemistry at Whiteface Mountain: the emergence of a new chemical regime. Atmospheric Chemistry and Physics, 2023, 23, 1619-1639.	4.9	6
4869	Predicting the Protective Behavioral Intentions for Parents with Young Children Living in Taipei City and New Taipei City Using the Theory of Planned Behavior for Air Polluted with PM2.5. International Journal of Environmental Research and Public Health, 2023, 20, 2518.	2.6	0

#	Article	IF	CITATIONS
4870	Accumulation of Black Carbon Particles in Placenta, Cord Blood, and Childhood Urine in Association with the Intestinal Microbiome Diversity and Composition in Four- to Six-Year-Old Children in the ENVIR <i>ON</i>	6.0	5
4871	Releasing the killer from the kitchen? Ventilation and air pollution from biomass cooking. Development Engineering, 2023, 8, 100108.	1.8	4
4872	Actividad mutagénica y genotóxica en el material particulado fracción respirable MP2,5 en Pamplona, Norte de Santander, Colombia. latreia, 2012, 25, 347-356.	0.1	4
4873	Deposition of Potassium on Chimney Wall from Wood Stove Smoke: Implication for the Influence of Domestic Biomass Burning on Atmospheric Aerosols. Atmosphere, 2023, 14, 484.	2.3	0
4874	Comprehensive Kinetics on the C <sub>7</sub> H <sub>7</sub> Potential Energy Surface under Combustion Conditions. Journal of Physical Chemistry A, 2023, 127, 1941-1959.	2.5	6
4876	Laboratory measurements with solid particle number instruments designed for periodic technical inspection (PTI) of vehicles. Measurement: Journal of the International Measurement Confederation, 2023, 215, 112839.	5.0	3
4877	Machine Learning Reveals the Parameters Affecting the Gaseous Sulfuric Acid Distribution in a Coastal City: Model Construction and Interpretation. Environmental Science and Technology Letters, 2023, 10, 1045-1051.	8.7	1
4878	Investigating the vertical and spatial extent of radon-based classification of the atmospheric mixing state and impacts on seasonal urban air quality. Science of the Total Environment, 2023, 872, 162126.	8.0	6
4879	Human personal air pollution clouds in a naturally ventilated office during the COVID-19 pandemic. Building and Environment, 2023, 236, 110280.	6.9	4
4880	A baseline characterization of fine particulate matter (PM2.5) concentration and releases in Nova Scotia, Canada. Atmospheric Pollution Research, 2023, 14, 101757.	3.8	2
4881	A new strategy for risk assessment of PM2.5-bound elements by considering the influence of wind regimes. Science of the Total Environment, 2023, 872, 162131.	8.0	1
4882	Effect of heatwaves on PM2.5 levels in apartments of low-income elderly population. A case study using low-cost air quality monitors. Atmospheric Environment, 2023, 301, 119697.	4.1	3
4883	Long-term trends and sensitivities of PM2.5 pH and aerosol liquid water to chemical composition changes and meteorological parameters in Hong Kong, South China: Insights from 10-year records from three urban sites. Atmospheric Environment, 2023, 302, 119725.	4.1	3
4884	Characterization, risk assessment, and source estimation of PM10-bound polycyclic aromatic hydrocarbons during wintertime in the ambient air of Basrah City, Iraq. Chemosphere, 2023, 326, 138444.	8.2	1
4885	Using a Statistical Model to Estimate the Effect of Wildland Fire Smoke on Ground Level PM2.5 and Asthma in California, USA. Fire, 2023, 6, 159.	2.8	1
4886	The causal links between long-term exposure to major PM2.5 components and the burden of tuberculosis in China. Science of the Total Environment, 2023, 870, 161745.	8.0	4
4887	Accelerated settling velocity of airborne particulate matter on hairy plant leaves. Journal of Environmental Management, 2023, 332, 117313.	7.8	3
4888	Methanol, isobutanol, kerosene, dimethylfuran, ethanol, and isopropanol additives effects on soot concentration at hydrogen-enriched methane flames. Biofuels, 2023, 14, 793-804.	2.4	0

#	Article	IF	CITATIONS
4889	Investigation of the Exposure of Schoolchildren to Ultrafine Particles (PM0.1) during the COVID-19 Pandemic in a Medium-Sized City in Indonesia. International Journal of Environmental Research and Public Health, 2023, 20, 2947.	2.6	2
4890	Development and evaluation of a low-cost aerosol generator for experimental inhalation exposure to particulate matter. International Journal of Environmental Science and Technology, 0, , .	3.5	0
4891	Genotoxic effects of particulate matter on larvae of a common and widespread butterfly along an urbanization gradient. Ecotoxicology and Environmental Safety, 2023, 252, 114638.	6.0	0
4892	Spatial Differentiation of PM2.5 Concentration and Analysis of Atmospheric Health Patterns in the Xiamen-Zhangzhou-QuanZhou Urban Agglomeration. International Journal of Environmental Research and Public Health, 2023, 20, 3340.	2.6	0
4893	Lidar Profiling of Aerosol Vertical Distribution in the Urbanized French Alpine Valley of Annecy and Impact of a Saharan Dust Transport Event. Remote Sensing, 2023, 15, 1070.	4.0	2
4895	Outdoor Air Pollution and Childhood Respiratory Disease: The Role of Oxidative Stress. International Journal of Molecular Sciences, 2023, 24, 4345.	4.1	9
4896	Indoor Air Quality and Smoking Control in Healthcare Environments in Northern China. Sustainability, 2023, 15, 4041.	3.2	0
4897	Phytoremediation for the indoor environment: a state-of-the-art review. Reviews in Environmental Science and Biotechnology, 2023, 22, 249-280.	8.1	13
4898	Aerosols as Vectors for Contaminants: A Perspective Based on Outdoor Aerosol Data from Kuwait. Atmosphere, 2023, 14, 470.	2.3	3
4899	Predicting Air Quality from Measured and Forecast Meteorological Data: A Case Study in Southern Italy. Atmosphere, 2023, 14, 475.	2.3	1
4900	Quantification of the Inhaled Deposited Dose During Sand and Dust Storms. Emerging Contaminants and Associated Treatment Technologies, 2023, , 17-30.	0.7	0
4901	Electric charge effect of micro-droplets generated by electrospray atomization on removal of indoor fine particulate matter. Atmospheric Pollution Research, 2023, 14, 101711.	3.8	3
4902	Theory and technology of air filtration: review. Material Science & Engineering International Journal, 2022, 6, 6-12.	0.1	1
4903	Characteristics of PM2.5 and Its Reactive Oxygen Species in Heating Energy Transition and Estimation of Its Impact on the Environment and Health in China—A Case Study in the Fenwei Plain. Advances in Atmospheric Sciences, 2023, 40, 1175-1186.	4.3	2
4905	The morbidity costs of air pollution through the Lens of Health Spending in China. Journal of Population Economics, 2023, 36, 1269-1292.	5.6	3
4906	MEDEA randomised intervention study protocol in Cyprus, Greece and Israel for mitigation of desert dust health effects in adults with atrial fibrillation. BMJ Open, 2023, 13, e069809.	1.9	1
4907	Air Quality Modeling of Cooking Stove Emissions and Exposure Assessment in Rural Areas. Sustainability, 2023, 15, 5676.	3.2	0
4908	Long-term exposure to particulate matter on cardiovascular and respiratory diseases in low- and middle-income countries: A systematic review and meta-analysis. Frontiers in Public Health, 0, 11, .	2.7	Ο

#	Article	IF	CITATIONS
4909	Brown Coal and Logwood Combustion in a Modern Heating Appliance: The Impact of Combustion Quality and Fuel on Organic Aerosol Composition. Environmental Science & Technology, 2023, 57, 5532-5543.	10.0	4
4911	Environmental issues: emissions, pollution control, assessment, and management. , 2023, , 31-76.		1
4912	Coupling Coordination Degree of AOD and Air Pollutants in Shandong Province from 2015 to 2020. Atmosphere, 2023, 14, 654.	2.3	0
4913	AIX Implementation in Image-Based PM2.5 Estimation: Toward an AI Model for Better Understanding. , 2023, , .		6
4914	Modeling pressure drop values across ultra-thin nanofiber filters with various ranges of filtration parameters under an aerodynamic slip effect. Scientific Reports, 2023, 13, .	3.3	3
4915	Toxic External Exposure Leading to Ocular Surface Injury. Vision (Switzerland), 2023, 7, 32.	1.2	3
4916	Airflow Simulation and Measurement of Brake Wear Particle Emissions with a Novel Test Rig. Jurnal Kejuruteraan, 2020, si3, 95-101.	0.3	0
4917	Source apportionment of PM10 and health risk assessment related in a narrow tropical valley. Study case: Metropolitan area of Aburrá Valley (Colombia). Environmental Science and Pollution Research, 0, , .	5.3	0
4918	Willingness to Pay for Renewably-Sourced Home Heating in the Fairbanks North Star Borough. Energies, 2023, 16, 3413.	3.1	0
4919	Inside Information: Black Carbon Exposure and the Early-Childhood Gut Microbiome. Environmental Health Perspectives, 2023, 131, .	6.0	0
4920	An Investigation on the Possible Application Areas of Low-Cost PM Sensors for Air Quality Monitoring. Sensors, 2023, 23, 3976.	3.8	5
4921	Maternal exposure to ultrafine particles enhances influenza infection during pregnancy. Particle and Fibre Toxicology, 2023, 20, .	6.2	1
4922	The Representativeness of Outdoor Particulate Matter Concentrations for Estimating Personal Dose and Health Risk Assessment of School Children in Lisbon. International Journal of Environmental Research and Public Health, 2023, 20, 5564.	2.6	0
4923	A hybrid model for estimating the number concentration of ultrafine particles based on machine learning algorithms in central Taiwan. Environment International, 2023, 175, 107937.	10.0	3
4924	Impact of lifetime air pollution exposure patterns on the risk of chronic disease. Environmental Research, 2023, 229, 115957.	7.5	3
4925	Interactions between wind erosion and soil organic carbon. , 2023, , 163-179.		0
4926	Health consequences of exposure to aircraft contaminated air and fume events: a narrative review and medical protocol for the investigation of exposed aircrew and passengers. Environmental Health, 2023, 22, .	4.0	5
4927	Exploring Regional Fine Particulate Matter (PM <sub>2.5</sub> ) Exposure Reduction Pathways Using an Optimal Power Flow Model: The Case of the Illinois Power Grid. Environmental Science & Technology, 2023, 57, 7989-8001.	10.0	3

#	Article	IF	CITATIONS
4928	Investigation of Gas-Phase Products from the NO <sub>3</sub> Radical Oxidation of Δ-3-Carene. ACS Earth and Space Chemistry, 2023, 7, 1097-1106.	2.7	1
4929	Assessment of detected in situ and modeled PM10/2.5 concentration levels during the urban transformation process in Novi Sad, Serbia. Thermal Science, 2023, , 108-108.	1.1	1
4930	Spatiotemporally continuous estimates of daily 1-km PM2.5 concentrations and their long-term exposure in China from 2000 to 2020. Journal of Environmental Management, 2023, 342, 118145.	7.8	8
4932	Dispersion of ultrafine particles in the wake of a square back Ahmed body. Environmental Fluid Mechanics, 2023, 23, 735-756.	1.6	1
4933	Secondary Organic Aerosol (SOA) through Uptake of Isoprene Hydroxy Hydroperoxides (ISOPOOH) and its Oxidation Products. ACS Earth and Space Chemistry, 2023, 7, 1025-1037.	2.7	1
4934	Online chemical characterization of atmospheric fine secondary aerosols and organic nitrates in summer Nanjing, China. Atmospheric Research, 2023, 290, 106783.	4.1	2
4935	The impact of building regulations on indoor environmental quality: the case of detached housesÂin Jordan. Archnet-IJAR, 0, , .	1.5	0
4936	Energy-focused predictive control for particulate matter concentration and thermal comfort indoors in Delhi. Journal of Building Engineering, 2023, 73, 106745.	3.4	0
4937	Chemical composition, levels, and I/O ratios of PM10 and PM2.5 in the laboratory near the copper smelter in Bor, Serbia. Thermal Science, 2023, , 106-106.	1.1	1
4938	PM10 within Indian standard is achievable by mitigating the sources of PM1: A thirteen years (2009–2021) long study and future prediction (2024) over the eastern Himalayas, India. Atmospheric Environment, 2023, 306, 119845.	4.1	2
4939	Air pollution and daily public transportation ridership: The case of Seoul city. Energy and Environment, 0, , 0958305X2311740.	4.6	1
4940	Determining Air Pollution Level withÂMachine Learning Algorithms: The Case ofÂIndia. , 2023, , 560-581.		0
4941	Absorbing Aerosol Optical Properties and Radiative Effects on Near-Surface Photochemistry in East Asia. Remote Sensing, 2023, 15, 2779.	4.0	2
4942	Impact of shipping emissions regulation on urban aerosol composition changes revealed by receptor and numerical modelling. Npj Climate and Atmospheric Science, 2023, 6, .	6.8	1
4943	The effect of research on COVID-19 and PM2.5 on the localization of humanitarian aid. Environmental Monitoring and Assessment, 2023, 195, .	2.7	1
4944	SURVEY OF INDOOR ENVIRONMENTAL QUALITY IN OFFICES DURING THE COVID-19 PANDEMIC (PART 1): COMPARISON OF INDOOR ENVIRONMENT AT TWO POINTS AND ASSOCIATION WITH COVID-19 COUNTERMEASURES. Journal of Environmental Engineering (Japan), 2023, 88, 547-555.	0.4	1
4945	The evolution of atmospheric particulate matter in an urban landscape since the Industrial Revolution. Scientific Reports, 2023, 13, .	3.3	3
4946	Emissions from ships' activities in the anchorage zone: A potential source of sub-micron aerosols in port areas. Journal of Hazardous Materials, 2023, 457, 131775.	12.4	0

#	ARTICLE	IF	Citations
4947	Assessment of concentration of the potentially toxic elements and associated human health risk from particulate matter exposure along road intersections in Ibadan, southwestern Nigeria. , 2023, 1, .		1
4948	Hierarchical isoporous membrane filters for simultaneous reduction of pressure drop and efficient removal of nanoscale airborne contaminants. Applied Materials Today, 2023, 33, 101856.	4.3	0
4949	Characteristics and control strategies of indoor particles: An updated review. Energy and Buildings, 2023, 294, 113232.	6.7	4
4950	A Coupled Volatility and Molecular Composition Based Source Apportionment of Atmospheric Organic Aerosol. ACS Earth and Space Chemistry, 0, , .	2.7	0
4951	Evaluation of the health risk using multi-pollutant air quality health index: case study in Tianjin, China. Frontiers in Public Health, 0, 11, .	2.7	0
4952	A new oxidation flow reactor for the measurements of secondary aerosol formation: Characterisation and a case study. Atmospheric Environment, 2023, 309, 119886.	4.1	1
4954	Study of Electron Collisions with Isoprene, 1,2-Butadiene, and Their Isomers. Journal of Physical Chemistry A, 2023, 127, 5414-5423.	2.5	2
4955	Chronic exposure to fine particles (PM2.5) and mortality: Evidence from Chile. Environmental Epidemiology, 2023, 7, e253.	3.0	0
4956	When blood pressure refuses to budge: exploring the complexity of resistant hypertension. Frontiers in Cardiovascular Medicine, 0, 10, .	2.4	1
4957	A new method for the quantification of ambient particulate-matter emission fluxes. Atmospheric Chemistry and Physics, 2023, 23, 6941-6961.	4.9	0
4958	A 1-year aerosol chemical speciation monitor (ACSM) source analysis of organic aerosol particle contributions from anthropogenic sources after long-range transport at the TROPOS research station Melpitz. Atmospheric Chemistry and Physics, 2023, 23, 6963-6988.	4.9	1
4959	Exposure and health risk assessment of PM2.5-bound polycyclic aromatic hydrocarbons during winter at residential homes: A case study in four Chinese cities. Science of the Total Environment, 2023, 895, 165111.	8.0	1
4960	Characterization of atmospheric aerosols by SEM-EDX in a rural-continental environment-a seasonal approach. Materials Today: Proceedings, 2023, , .	1.8	1
4961	Brake Particle PN and PM Emissions of a Hybrid Light Duty Vehicle Measured on the Chassis Dynamometer. Atmosphere, 2023, 14, 784.	2.3	3
4962	Size-segregated Aerosol Chemical Characteristics in According with Pathways of the Asian Dust Observed in 2014 and 2015 in Jeju, Korea. Journal of Korean Society for Atmospheric Environment, 2023, 39, 202-216.	1.1	0
4963	PAN/PAN-FPU Double-Layer Composite Nanofiber Air Filter Fabricated by Electrospinning for Filtering Oil and Salt Particles. ACS Applied Nano Materials, 2023, 6, 7619-7628.	5.0	2
4964	Association between short-term air pollution exposure and traumatic intracranial hemorrhage: pilot evidence from Taiwan. Frontiers in Neurology, 0, 14, .	2.4	0
4965	Air Quality Variation Associated with Particulate Matter in Major North Indian Cities During Diwali 2020: Susceptible Vehicle for SARS CoV-2 Transmission. , 2023, , 47-66.		0

#	Article	IF	CITATIONS
4966	Inferring a Causal Relationship between Environmental Factors and Respiratory Infections Using Convergent Cross-Mapping. Entropy, 2023, 25, 807.	2.2	1
4967	Collision-sticking rates of acid–base clusters in the gas phase determined from atomistic simulation and a novel analytical interacting hard-sphere model. Atmospheric Chemistry and Physics, 2023, 23, 5993-6009.	4.9	0
4968	Reconstructing PM2.5 Data Record for the Kathmandu Valley Using a Machine Learning Model. Atmosphere, 2023, 14, 1073.	2.3	2
4969	Association of Long-Term Exposure to Ambient Fine Particulate Matter with Atherosclerotic Cardiovascular Disease Incidence Varies across Populations with Different Predicted Risks: The China-PAR Project. Environmental Science & Technology, 2023, 57, 9934-9942.	10.0	0
4970	Estimation of secondary organic aerosol formation parameters for the volatility basis set combining thermodenuder, isothermal dilution, and yield measurements. Atmospheric Measurement Techniques, 2023, 16, 3155-3172.	3.1	0
4971	Effect of short-term exposure to ambient air pollutants on non-accidental mortality in emergency department visits: a time-series study. Frontiers in Public Health, 0, 11, .	2.7	0
4972	Analysis of metals in particulate matter suspended in air by total reflection xâ€ray fluorescence. X-Ray Spectrometry, 2023, 52, 423-429.	1.4	0
4973	Magnetic Levitation System Isolates and Purifies Airborne Viruses. ACS Nano, 2023, 17, 13393-13407.	14.6	0
4974	Spatiotemporal analysis of fine particulate matter for India (1980–2021) from MERRA-2 using ensemble machine learning. Atmospheric Pollution Research, 2023, 14, 101834.	3.8	1
4976	Sub-23 nm Particles Dominate Non-Volatile Particle Number Emissions of Road Traffic. Environmental Science & Technology, 2023, 57, 10763-10772.	10.0	4
4977	Visual analysis of global air pollution impact research: a bibliometric review (1996–2022). Environmental Science and Pollution Research, 0, , .	5.3	1
4978	Public Transport Subsidization and Air Pollution: Evidence from the 9-Euro-Ticket in Germany. SSRN Electronic Journal, 0, , .	0.4	0
4979	PM2.5 Characterization and Source Apportionment Using Positive Matrix Factorization at San Luis Potosi City, Mexico, during the Years 2017–2018. Atmosphere, 2023, 14, 1160.	2.3	2
4980	Technical note: Improved synthetic routes to <i>cis</i> - and <i>trans</i> -(2-methyloxirane-2,3-diyl)dimethanol ( <i>cis</i> - and <i>trans</i> - <i>β</i> -isoprene) Tj ETQq1 1 0.7	′8 <b>43</b> 01.4 rgl	3T¢Overloc
4981	Review on the Effects of Herbal Medicine on Respiratory Diseases in <i>In Vivo</i> Particulate Matter Models. The Journal of Internal Korean Medicine, 2023, 44, 418-438.	0.3	0
4982	History of Mediterranean Aerosol Observations. , 2023, , 145-252.		2
4983	Forecasting air pollutants using classification models: a case study in the Bay of Algeciras (Spain). Stochastic Environmental Research and Risk Assessment, 2023, 37, 4359-4383.	4.0	1
4984	Chemical Composition and Levels of Concentrations of Aerosols in the Mediterranean. , 2023, , 253-311.		4

#	Article	IF	CITATIONS
4985	Development and Application of a Novel Snow Peak Sighting Forecast System over Chengdu. Atmosphere, 2023, 14, 1181.	2.3	0
4986	Lichen - air quality association rule mining for urban environments in the tropics. International Journal of Environmental Health Research, 2024, 34, 1713-1724.	2.7	0
4987	Air Quality Estimation Using Nonhomogeneous Markov Chains: A Case Study Comparing Two Rules Applied to Mexico City Data. Journal of Environmental Protection, 2023, 14, 561-582.	0.7	0
4988	A Deep Learning Approach to Increase the Value of Satellite Data for PM2.5 Monitoring in China. Remote Sensing, 2023, 15, 3724.	4.0	0
4990	The impact of extremely high levels of PM2.5 on surface ozone during massive dust storms. Kuwait Journal of Science, 2023, , .	0.6	0
4991	Superior performance in passive NOx adsorption over an Al-rich Beta zeolite supported palladium. Applied Catalysis B: Environmental, 2023, 339, 123127.	20.2	0
4992	Characterization, Sources, and Chemical Processes of Submicron Aerosols at a Mountain Site in Central China. Journal of Geophysical Research D: Atmospheres, 2023, 128, .	3.3	0
4993	Environmental PM 2.5, Physical Activity Levels, and Aerobic Capacity, of Smokers and Non-Smokers. , 2023, 4, 057-062.		0
4994	A machine learning modelling approach to characterize the background pollution in the Western Macedonia region in northwest Greece. Atmospheric Pollution Research, 2023, 14, 101877.	3.8	0
4995	Characterizing the effects of structural fires on fine particulate matter with a dense sensing network. Scientific Reports, 2023, 13, .	3.3	0
4996	Urban climate and cardiovascular health: Focused on seasonal variation of urban temperature, relative humidity, and PM2.5 air pollution. Ecotoxicology and Environmental Safety, 2023, 263, 115358.	6.0	0
4997	Predictive Modeling of Indoor Environmental Parameters for Assessing Comfort Conditions in a Kindergarten Setting. Toxics, 2023, 11, 709.	3.7	2
4998	A similarity distance-based space-time random forest model for estimating PM2.5 concentrations over China. Atmospheric Environment, 2023, 313, 120043.	4.1	3
4999	Regional classification of high PM10 concentrations in the Seoul metropolitan and Chungcheongnam-do areas, Republic of Korea. Environmental Monitoring and Assessment, 2023, 195, .	2.7	0
5000	The Contribution of Carbonaceous Aerosols to Air Pollution and Excess Mortality in Europe. , 0, , .		0
5001	Evaluation of PM Emissions from Internal Combustion Engines, Electric and Plug-In Hybrid Vehicles by Using Emission Factors. , 0, , .		0
5002	Korean Red Ginseng Prevents the Deterioration of Lung and Brain Function in Chronic PM2.5-Exposed Mice by Regulating Systemic Inflammation. International Journal of Molecular Sciences, 2023, 24, 13266.	4.1	0
5003	A national crowdsourced network of low-cost fine particulate matter and aerosol optical depth monitors: results from the 2021 wildfire season in the United States. Environmental Science Atmospheres, 2023, 3, 1563-1575.	2.4	0

#	Article	IF	CITATIONS
5004	Ammonia emissions of an open-lot dairy in North China Plain: Field experiments and source inversion. Agricultural and Forest Meteorology, 2023, 341, 109633.	4.8	0
5005	The impact of air pollution on environmentally friendly behavior: evidence from China. Energy Efficiency, 2023, 16, .	2.8	0
5006	Causality of particulate matter on cardiovascular diseases and cardiovascular biomarkers. Frontiers in Public Health, 0, 11, .	2.7	3
5007	Machine Learning Techniques for Vertical Lidar-Based Detection, Characterization, and Classification of Aerosols and Clouds: A Comprehensive Survey. Remote Sensing, 2023, 15, 4318.	4.0	2
5008	Beyond here and now: Evaluating pollution estimation across space and time from street view images with deep learning. Science of the Total Environment, 2023, 903, 166168.	8.0	1
5009	Evaluating emission sources of ambient PM2.5-bound polycyclic aromatic hydrocarbons and their potential health risks for residents at an urban location in Northern Taiwan. Air Quality, Atmosphere and Health, 0, , .	3.3	0
5010	Potential Impacts of Energy and Vehicle Transformation Through 2050 on Oxidative Stressâ€Inducing PM <sub>2.5</sub> Metals Concentration in Japan. GeoHealth, 2023, 7, .	4.0	0
5011	Influence of anthropogenic emissions on the composition of highly oxygenated organic molecules in Helsinki: a street canyon and urban background station comparison. Atmospheric Chemistry and Physics, 2023, 23, 12965-12983.	4.9	0
5013	Black Carbon in a City of the Atacama Desert before and after the Start of the COVID-19 Lockdown: Ground Measurements and MERRA-2 Reanalysis. Remote Sensing, 2023, 15, 4702.	4.0	0
5014	Fine and nano particles in the school environments and the respiratory deposition doses to schoolchildren in a Middle City of Jambi, Indonesia. IOP Conference Series: Earth and Environmental Science, 2023, 1199, 012026.	0.3	0
5015	An overview of atmospheric aerosol and their effects on human health. Environmental Science and Pollution Research, 2023, 30, 125347-125369.	5.3	5
5016	Air pollution-induced brain drain: Evidence from inventor mobility. International Review of Financial Analysis, 2024, 91, 102976.	6.6	1
5018	Particle combination characteristics on PM2.5 granular bed filtration efficiency and pressure drop. Powder Technology, 2023, 430, 118993.	4.2	0
5019	Environmental effects of dust release from oil, gas, and petrochemical units. , 2023, , 335-354.		0
5020	Volatility of a Ship's Emissions in the Baltic Sea Using Modelling and Measurements in Real-World Conditions. Atmosphere, 2023, 14, 1175.	2.3	0
5021	Polycyclic aromatic hydrocarbons (PAHs) in ambient air of Guangzhou city: Exposure levels, health effects and cytotoxicity. Ecotoxicology and Environmental Safety, 2023, 262, 115308.	6.0	2
5022	Experimental study on the removal of submicron droplets by fibrous filter media in a sound field. Powder Technology, 2023, 429, 118902.	4.2	2
5023	Assessment of Bacteria, Morphological Characteristics, and Elemental Composition of Dust Fallout. Journal of Geoscience and Environment Protection, 2023, 11, 114-130.	0.5	1

#	Article	IF	CITATIONS
5024	Triboelectric Nanogenerator for Particle Filtering. , 2023, , 1283-1314.		0
5025	Numerical study on the design of multi-staged, opposing pulsed-jet cleaning (M-OPJC) for pleated filter cartridges. Separation and Purification Technology, 2023, 327, 124978.	7.9	4
5026	P14-32: Toxicity of real-world subway emissions in an ALI exposure model. Toxicology Letters, 2023, 384, S182.	0.8	0
5027	Be nice to the air: Severe haze pollution and mutual fund risk. Global Finance Journal, 2023, 58, 100893.	5.1	1
5028	Meteorology-driven PM2.5 interannual variability over East Asia. Science of the Total Environment, 2023, 904, 166911.	8.0	1
5029	Investigation of urban air quality affected by the pandemic of COVID-19: case studies in Iran. Arabian Journal of Geosciences, 2023, 16, .	1.3	0
5032	Influence of subway entrance layout on indoor and outdoor environments in street canyons with different geometric form. Journal of Cleaner Production, 2023, 425, 138784.	9.3	0
5033	Diurnal source apportionment of organic and inorganic atmospheric particulate matter at a high-altitude mountain site under summer conditions (Sierra Nevada; Spain). Science of the Total Environment, 2023, 905, 167178.	8.0	1
5034	Heavy Metal Pollution in the Environment: Impact on Air Quality and Human Health Implications. , 2023, , 75-103.		1
5035	Effect of diesel injection pressure for enhancing combustion and reducing mechanical vibration and noise emissions in a non-road diesel engine. European Mechanical Science, 2023, 7, 199-208.	0.9	1
5037	PM <sub>2.5</sub> data inputs alter identification of disadvantaged communities. Environmental Research Letters, 2023, 18, 114008.	5.2	0
5038	Is biomagnetic leaf monitoring still an effective method for monitoring the heavy metal pollution of atmospheric particulate matter in clean cities?. Science of the Total Environment, 2024, 906, 167564.	8.0	3
5039	PM10 and Pseudomonas aeruginosa: effects on corneal epithelium. Frontiers in Cellular and Infection Microbiology, 0, 13, .	3.9	1
5040	Spatial and temporal variability of urban cyclists' exposure to PM2.5 in MedellÃn, Colombia. Atmospheric Pollution Research, 2024, 15, 101946.	3.8	0
5042	Simulating the effect of urban sprawl on air quality and outdoor human thermal comfort in a cold city, Erzurum, Turkey. Environmental Monitoring and Assessment, 2023, 195, .	2.7	1
5044	The influence of plant species, leaf morphology, height and season on PM capture efficiency in living wall systems. Science of the Total Environment, 2023, 905, 167808.	8.0	1
5045	Climatological assessment of the vertically resolved optical and microphysical aerosol properties by lidar measurements, sun photometer, and in situ observations over 17 years at Universitat PolitÃ"cnica de Catalunya (UPC) Barcelona. Atmospheric Chemistry and Physics, 2023, 23, 12887-12906.	4.9	1
5046	Improve removal efficiency of PM 1 depending on collision enhancement and agglomeration effect. Fuel Processing Technology, 2023, 252, 107981.	7.2	0

#	Article	IF	Citations
5047	Meteorological variables and PM10 exceedances effect on aerosol particles in a low emission zone using compositional data analysis. Journal of Geochemical Exploration, 2023, 255, 107322.	3.2	0
5048	Effect of summer air temperature on the concentration of microparticles according to the data from the Mikhnevo observatory. , 2023, , .		0
5049	Urban and suburban's airborne magnetic particles accumulated on Tillandsia capillaris. Science of the Total Environment, 2024, 907, 167890.	8.0	0
5050	Numerical simulation and evaluation of global ultrafine particle concentrations at the Earth's surface. Atmospheric Chemistry and Physics, 2023, 23, 13191-13215.	4.9	1
5051	The mediating role of physical activity and health status between a health-supportive environment and well-being: a cross-sectional study. Frontiers in Public Health, 0, 11, .	2.7	0
5052	Study of ground ozone and precursors along with particulate matter at residential sites in the vicinity of power plant. Waste Disposal & Sustainable Energy, 0, , .	2.5	0
5054	Logistique urbaine durableÂ: des choix de distribution contraints par le politique. , 2021, Nº 4, 157-168.		0
5055	Potential for Particulate Reduction by Use of eFuels in MPFI Engines. , 0, , .		0
5056	Indoor PM <sub>2.5</sub> concentrations in various retail stores in an urban city: Levels, sources and health risk assessment. Indoor and Built Environment, 2024, 33, 534-550.	2.8	0
5057	Long-Term Assessment of PurpleAir Low-Cost Sensor for PM2.5 in California, USA. Pollutants, 2023, 3, 477-493.	2.1	0
5058	Feinstaubemissionen aus U-Bahn-Bremsen am Beispiel der Metro Lissabon. Proceedings, 2023, , 18-40.	0.3	0
5059	Particulate Matter Emissions from Metro Brakes using the Example of the Lisbon Metro. Proceedings, 2023, , 110-130.	0.3	0
5060	Air pollution control policies and impacts: A review. Renewable and Sustainable Energy Reviews, 2024, 191, 114071.	16.4	6
5061	Trace elements in PM <sub>2.5</sub> aerosols in East Asian outflow in the spring of 2018: emission, transport, and source apportionment. Atmospheric Chemistry and Physics, 2023, 23, 14609-14626.	4.9	0
5062	Insight into Secondary Inorganic Aerosol (SIA) production enhanced by domestic ozone using a machine learning technique. Atmospheric Environment, 2024, 316, 120194.	4.1	1
5063	Distributed lag effects and vulnerable groups of PM and active pulmonary TB in Qingdao, China. International Journal of Biometeorology, 0, , .	3.0	0
5064	Morphological and chemical characterisation of indoor quasi-ultrafine particles. Atmospheric Environment, 2024, 318, 120245.	4.1	1
5065	Spatiotemporal Variability of Urban Air Pollution in Bucharest City. Atmosphere, 2023, 14, 1759.	2.3	0

#	Article	IF	CITATIONS
5066	Relationship between fine particulate matter (PM2.5) concentration and risk of hospitalization due to chronic obstructive pulmonary disease: a systematic review and meta-analysis. BMC Public Health, 2023, 23, .	2.9	0
5069	Hidden in snow: Selected aspects of chemical composition of an urban snow cover (Kielce, SE Poland). Ochrona Srodowiska I Zasobow Naturalnych, 2023, .	0.3	0
5071	Wildland Fires Worsened Population Exposure to PM <sub>2.5</sub> Pollution in the Contiguous United States. Environmental Science & Technology, 2023, 57, 19990-19998.	10.0	1
5072	Operando investigation of deposition characteristics of submicron particles in electric-flow coupled fields combined with object detection. Fuel, 2024, 358, 130348.	6.4	0
5073	PM2.5 Prediction using Heterogeneous Ensemble Learning. Journal of Artificial Intelligence and Capsule Networks, 2023, 5, 481-498.	2.5	0
5074	Trace Gases over Land and Ocean Surfaces of China: Hotspots, Trends, and Source Contributions. Earth Systems and Environment, 0, , .	6.2	1
5075	Suspended particles concentrations in the secondary schools in Bor (Serbia) in heating season. Mining and Metallurgy Engineering Bor, 2023, , 47-54.	0.1	0
5076	Effect of Coal Mining on Health Outcomes Between Male and Female Miners in Southern West Virginia: A Brief Report. Cureus, 2023, , .	0.5	0
5077	Adverse effects of air pollution on human health predicted from tree-ring reductions – A conceptualization of a new ecosystem service. Ecosystem Services, 2023, 64, 101573.	5.4	0
5078	Complete Mechanism for NO <sub><i>x</i></sub> Adsorption and Release on Atomically Dispersed Palladium in Pd-CHA. ACS ES&T Engineering, 0, , .	7.6	0
5079	Geometry of commutes in the universality of percolating traffic flows. Physical Review E, 2023, 108, .	2.1	1
5080	SURFATM: A model for the exchanges of energy, ammonia, ozone, and pesticides between soil, vegetation, and atmosphere at the field scale. Software Impacts, 2024, 19, 100600.	1.4	0
5081	Effects of air purifiers and ventilation on particulate matter concentration at semi-outdoor space. Journal of Cleaner Production, 2024, 434, 139903.	9.3	0
5082	Analysis of PM2.5 inorganic and organic constituents to resolve contributing sources in Seoul, South Korea and Beijing, China and their possible associations with cytokine IL-8. Environmental Research, 2024, 243, 117860.	7.5	0
5083	Investigating methods to quantifying uncertainty in PM2.5 emission rates from cooking by toasting bread. Building and Environment, 2024, 248, 111106.	6.9	0
5084	Association Between Exposure to Ozone (O3) and the Short-Term Effect on Tuberculosis Outpatient Visits: A Time-Series Study in 16 Cities of Anhui Province, China. Journal of Multidisciplinary Healthcare, 0, Volume 16, 2045-2055.	2.7	0
5085	Hyper-local to regional exposure contrast of source-resolved PM2.5 components across the contiguous United States: implications for health assessment. Journal of Exposure Science and Environmental Epidemiology, 0, , .	3.9	1
5086	Aromatic Hydrocarbon Receptor Repressor (AHRR) is a biomarker of ambient air pollution exposure and Coronary Artery Disease (CAD). Environmental Toxicology and Pharmacology, 2024, 105, 104344.	4.0	0

#	Article	IF	CITATIONS
5088	Fossil fuel taxes for health: a critical analytical review. SSRN Electronic Journal, 0, , .	0.4	0
5089	Characterization of spatial-temporal distribution and microenvironment source contribution of PM2.5 concentrations using a low-cost sensor network with artificial neural network/kriging techniques. Environmental Research, 2024, 244, 117906.	7.5	1
5090	Experimentation of a device collecting at source airborne particles issued from rolling stocks brakes systems. Transportation Research Procedia, 2023, 72, 1334-1342.	1.5	0
5092	Decreasing trends of ammonia emissions over Europe seen from remote sensing and inverse modelling. Atmospheric Chemistry and Physics, 2023, 23, 15235-15252.	4.9	0
5093	Identifying urban emission sources and their contribution to the oxidative potential of fine particulate matter (PM2.5) in Kuwait Environmental Pollution, 2024, 343, 123165.	7.5	0
5094	Evaluation of PM2.5 spatio-temporal variability and hotspot formation using low-cost sensors across urban-rural landscape in lucknow, India. Atmospheric Environment, 2024, 319, 120302.	4.1	0
5095	Infiltration of Outdoor PM2.5 Pollution into Homes with Evaporative Coolers in Utah County. Sustainability, 2024, 16, 177.	3.2	0
5096	Exposure to outdoor particulate matter and risk of respiratory diseases: a systematic review and meta-analysis. Environmental Geochemistry and Health, 2024, 46, .	3.4	0
5097	Feasibility on equivalence ratio measurement via OH*, CH*, and C2* chemiluminescence and study of soot emissions in co-flow non-premixed DME/C1–C2 hydrocarbon flames. , 0, 1, .		0
5098	Photoactivation of Chlorine and Its Catalytic Role in the Formation of Sulfate Aerosols. Journal of the American Chemical Society, 2024, 146, 1467-1475.	13.7	0
5099	Characteristics of Spatial Distributions of Ultrafine Particles and PM2.5 on the Roadways around Busan North Port: Effects of Traffic Composition and Local Meteorology. Journal of Korean Society for Atmospheric Environment, 2023, 39, 947-967.	1.1	0
5100	Quantifying particulate matter optical properties and flow rate in industrial stack plumes from the PRISMA hyperspectral imager. Atmospheric Measurement Techniques, 2024, 17, 57-71.	3.1	0
5101	Sources of atmospheric light-absorbing fine aerosols: Insights from optical source apportionment utilizing measurements made during COVID-19 lockdowns at a COALESCE network site - Bhopal, India. Atmospheric Environment, 2024, 321, 120343.	4.1	0
5102	Evaluation of characteristics on the indoor dwelling environments of traditional villages in Hehuang area of China based on basic environmental parameters under remote sensing technology. Physics and Chemistry of the Earth, 2024, 134, 103547.	2.9	0
5103	Addressing Structural Racism Through Public Policy Advocacy: A Policy Statement From the American Heart Association. Circulation, 2024, 149, .	1.6	0
5104	Mitigation strategies to reduce particulate matter concentrations in civil engineering laboratories. Environmental Science and Pollution Research, 2024, 31, 12340-12350.	5.3	0
5105	Evaluation of a Partector Pro for atmospheric particle number size distribution and number concentration measurements at an urban background site. , 2024, 2, 1-12.		0
5106	Review of Smog Chamber Experiments for Secondary Organic Aerosol Formation. Atmosphere, 2024, 15, 115.	2.3	0

#	Article	IF	CITATIONS
5107	Prenatal Exposure to Air Pollution and Respiratory Distress in Term Newborns: Results from the MIREC Prospective Pregnancy Cohort. Environmental Health Perspectives, 2024, 132, .	6.0	1
5109	Effect of H/C ratio of feedstock composition on particle size distribution of soot in C2 hydrocarbon pyrolysis. International Journal of Hydrogen Energy, 2024, 58, 1020-1029.	7.1	0
5110	Electrospinning dual energy-saving design of PVDF-HFP nanofiber films for passive radiant cooling and air filtration. AIP Advances, 2024, 14, .	1.3	0
5111	Urban mine tailings and efflorescent crusts: unveiling health implications in Nacozari de GarcÃa, Mexico. Environmental Earth Sciences, 2024, 83, .	2.7	0
5112	Transboundary transport of air pollution in eastern Canada. Environmental Science Advances, 2024, 3, 448-469.	2.7	0
5113	Air quality and public health co-benefits of 100% renewable electricity adoption and electrification pathways in Los Angeles. Environmental Research Letters, 2024, 19, 034015.	5.2	0
5115	The contribution of residential wood combustion to the PM <sub>2.5</sub> concentrations in the Helsinki metropolitan area. Atmospheric Chemistry and Physics, 2024, 24, 1489-1507.	4.9	0
5116	Airborne Suspended Particulate Matter and the Prevalence of Allergic Conjunctivitis in Japan. Cureus, 2024, , .	0.5	0
5117	Photothermal-driven flow with water droplets for effective removal of indoor fine particulate matters. Journal of Cleaner Production, 2024, 442, 140891.	9.3	0
5118	Identification of sources of coarse mode aerosol particles (PM10) using ATR-FTIR and SEM-EDX spectroscopy over the Himalayan Region of India. Environmental Science and Pollution Research, 2024, 31, 15788-15808.	5.3	1
5119	Advances of polyolefins from fiber to nanofiber: fabrication and recent applications. , 2024, 19, .		0
5121	Air Pollution in the United States and Misstatements in Financial Reporting. SSRN Electronic Journal, 0, , .	0.4	0
5122	City-scale Pollution Aware Traffic Routing by Sampling Multiple Max Flows Using MCMC. , 2023, , .		0
5123	JUE insight: Ticket to paradise? The effect of a public transport subsidy on air quality. Journal of Urban Economics, 2024, , 103643.	4.4	0
5124	Mineralogical Characteristics and Sources of Coarse Mode Particulate Matter in Central Himalayas. Aerosol Science and Engineering, 0, , .	1.9	0
5125	Tri-layer gradient structured micro/nanofibrous nonwovens for high filtration efficiency and low air resistance. Textile Reseach Journal, 0, , .	2.2	0
5126	Developing cellulose nanofibrils/Na-montmorillonite composite air filter with efficient filtration ability for PM2.5 and adsorption of formaldehyde. Applied Surface Science, 2024, 657, 159737.	6.1	0
5127	Aerosols PM2.5 and PM10. , 2024, , .		0

#	Article	IF	CITATIONS
5128	Personal exposure to ultrafine particles in multiple microenvironments among adolescents. Journal of Exposure Science and Environmental Epidemiology, 0, , .	3.9	0
5129	Long-term air pollution exposure is associated with higher incidence of ST-elevation myocardial infarction and in-hospital cardiogenic shock. Scientific Reports, 2024, 14, .	3.3	0
5130	HIPTox—Hazard Identification Platform to Assess the Health Impacts from Indoor and Outdoor Air Pollutant Exposures, through Mechanistic Toxicology: A Single-Centre Double-Blind Human Exposure Trial Protocol. International Journal of Environmental Research and Public Health, 2024, 21, 284.	2.6	0
5131	Applications of geochemistry to medical geology. , 2024, , 619-656.		0
5132	Investigation of the Effect of Aerosol Deposition by Applying Electrostatic Fields. Advances in Environmental and Engineering Research, 2024, 05, 1-37.	0.8	0
5133	Implications for new particle formation in air of the use of monoethanolamine in carbon capture and storage. Physical Chemistry Chemical Physics, 2024, 26, 9005-9020.	2.8	0
5134	Synoptic circulation factors associated with wintertime high-PM2.5 concentrations in seoul, Republic of Korea: Their interpretations and applications. Atmospheric Environment, 2024, 325, 120444.	4.1	0
5135	Pyrolysis temperature and time of rice husk biochar potentially control ammonia emissions and Chinese cabbage yield from urea-fertilized soils. Scientific Reports, 2024, 14, .	3.3	0
5136	Development of an openable small cyclone for atmospheric particulate matter sampling for toxicological experiments. Aerosol Science and Technology, 2024, 58, 681-693.	3.1	0
5137	Morphological classification of fine particles in transmission electron microscopy images by using pre-trained convolution neural networks. Aerosol Science and Technology, 2024, 58, 657-666.	3.1	Ο
5138	Particulate matter reduction efficiency analysis of sprinkler system as targeted control measures for construction activity. Heliyon, 2024, 10, e27765.	3.2	0
5139	Variations in the Concentration of Microparticles in the Atmospheric Surface Layer in the Summer Periods of 2021 and 2022 According to the Mikhnevo Observatory. Izvestiya - Atmospheric and Oceanic Physics, 2023, 59, 1663-1669.	0.9	Ο
5140	Predicting Personal Exposure to PM2.5 Using Different Determinants and Machine Learning Algorithms in Two Megacities, China. Indoor Air, 2024, 2024, 1-11.	4.3	0
5141	Country-based modelling of COVID-19 case fatality rate: A multiple regression analysis. World Journal of Virology, 0, 13, .	2.9	0
5142	Development and Testing of a Rocket-Based Sensor for Atmospheric Sensing Using an Unmanned Aerial System. Sensors, 2024, 24, 1768.	3.8	0
5143	Environmental friendly energy resources improving air quality in urban area. Energy Reports, 2024, 11, 3383-3394.	5.1	0
5144	Emission of Particulate Inorganic Substances from Prescribed Open Grassland Burning in Hirado, Akiyoshidai, and Aso, Japan. , 2024, 2, 61-72.		0
5145	Image based analytical approaches for study of particulate matter (PM) in air. Frontiers in Environmental Science, 0, 12, .	3.3	0

#	Article	IF	CITATIONS
5146	Aerosol Types Identification over the Arabian Peninsula Using AERONET Products: Evaluation with Multisource Datasets. Earth Systems and Environment, 0, , .	6.2	0
5147	Simulation of Submicron Particulate Matter (PM1) Dispersion Due to Traffic Rerouting to Establish a Walkable Cultural Tourism Route in Ratchaburi's Old Town, Thailand. Atmosphere, 2024, 15, 377.	2.3	0