Joel D Schwartz

List of Publications by Year
in descending order

515 papers	41,720 citations	2309 101 h-index	3941 183 g-index
525 all docs	525 docs citations	525 times ranked	33794 citing authors

#	Article	IF	Citations
1	Large-Scale Hypothesis Testing for Causal Mediation Effects with Applications in Genome-wide Epigenetic Studies. Journal of the American Statistical Association, 2022, 117, 67-81.	1.8	35
2	Prenatal exposure to wildfire-related air pollution and birth defects in Brazil. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 596-603.	1.8	11
3	Health effects of air pollutant mixtures on overall mortality among the elderly population using Bayesian kernel machine regression (BKMR). Chemosphere, 2022, 286, 131566.	4.2	12
4	Short- and intermediate-term exposure to ambient fine particulate elements and leukocyte epigenome-wide DNA methylation in older men: the Normative Aging Study. Environment International, 2022, 158, 106955.	4.8	11
5	In utero exposure to near-roadway air pollution and autism spectrum disorder in children. Environment International, 2022, 158, 106898.	4.8	18
6	Exposure to PM2.5 during Pregnancy and Fetal Growth in Eastern Massachusetts, USA. Environmental Health Perspectives, 2022, 130, 17004.	2.8	19
7	Exposure to unconventional oil and gas development and all-cause mortality in Medicare beneficiaries. Nature Energy, 2022, 7, 177-185.	19.8	14
8	Long-term effects of PM2.5 components on incident dementia in the northeastern United States. Innovation(China), 2022, 3, 100208.	5.2	13
9	Modification of associations between indoor particulate matter and systemic inflammation in individuals with COPD. Environmental Research, 2022, 209, 112802.	3.7	9
10	DunedinPACE, a DNA methylation biomarker of the pace of aging. ELife, 2022, 11, .	2.8	214
11	Prenatal Exposure to Air Pollution and Autism Spectrum Disorder: Sensitive Windows of Exposure and Sex Differences. Environmental Health Perspectives, 2022, 130, 17008.	2.8	41
12	Lead contamination of public drinking water and academic achievements among children in Massachusetts: a panel study. BMC Public Health, 2022, 22, 107.	1.2	17
13	Optimism, Daily Stressors, and Emotional Well-Being Over Two Decades in a Cohort of Aging Men. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2022, 77, 1373-1383.	2.4	2
14	Pregnancy exposure to phthalates and DNA methylation in male placenta â€" An epigenome-wide association study. Environment International, 2022, 160, 107054.	4.8	21
15	Evidence of susceptibility to autism risks associated with early life ambient air pollution: A systematic review. Environmental Research, 2022, 208, 112590.	3.7	16
16	Length of PM2.5 exposure and alterations in the serum metabolome among women undergoing infertility treatment. Environmental Epidemiology, 2022, 6, e191.	1.4	13
17	Joint associations between neighborhood walkability, greenness, and particulate air pollution on cardiovascular mortality among adults with a history of stroke or acute myocardial infarction. Environmental Epidemiology, 2022, 6, e200.	1.4	5
18	Comparison of weather station and climate reanalysis data for modelling temperature-related mortality. Scientific Reports, 2022, 12, 5178.	1.6	42

#	Article	IF	Citations
19	Pre- and Postnatal Fine Particulate Matter Exposure and Childhood Cognitive and Adaptive Function. International Journal of Environmental Research and Public Health, 2022, 19, 3748.	1.2	6
20	Fluctuating temperature modifies heat-mortality association around the globe. Innovation(China), 2022, 3, 100225.	5.2	7
21	Global mortality burden attributable to non-optimal temperatures. Lancet, The, 2022, 399, 1113.	6.3	5
22	Associations of short-term exposure to air pollution and increased ambient temperature with psychiatric hospital admissions in older adults in the USA: a caseâ€“crossover study. Lancet Planetary Health, The, 2022, 6, e331-e341.	5.1	25
23	Rapid rise in premature mortality due to anthropogenic air pollution in fast-growing tropical cities from 2005 to 2018. Science Advances, 2022, 8, eabm4435.	4.7	31
24	Short-term PM2.5 exposure and early-readmission risk: a retrospective cohort study in North Carolina heart failure patients. American Heart Journal, 2022, 248, 130-138.	1.2	9
25	Maternal exposure to black carbon and nitrogen dioxide during pregnancy and birth weight: Using machine-learning methods to achieve balance in inverse-probability weights. Environmental Research, 2022, 211, 112978.	3.7	7
26	PM2.5 exposure during pregnancy is associated with altered placental expression of lipid metabolic genes in a US birth cohort. Environmental Research, 2022, 211, 113066.	3.7	7
27	Low-Concentration Air Pollution and Mortality in American Older Adults: A National Cohort Analysis (2001â€“2017). Environmental Science & Technology, 2022, 56, 7194-7202.	4.6	29
28	Postnatal exposure to PM2.5 and weight trajectories in early childhood. Environmental Epidemiology, 2022, 6, e181.	1.4	3
29	Development and Evaluation of Spatio-Temporal Air Pollution Exposure Models and Their Combinations in the Greater London Area, UK. International Journal of Environmental Research and Public Health, 2022, 19, 5401.	1.2	3
30	Integrative analysis of clinical and epigenetic biomarkers of mortality. Aging Cell, 2022, 21, e13608.	3.0	8
31	Global, regional, and national burden of mortality associated with short-term temperature variability from 2000â€“19: a three-stage modelling study. Lancet Planetary Health, The, 2022, 6, e410-e421.	5.1	27
32	Quantile regression to examine the association of air pollution with subclinical atherosclerosis in an adolescent population. Environment International, 2022, 164, 107285.	4.8	7
33	The effect of long-term exposure to air pollution and seasonal temperature on hospital admissions with cardiovascular and respiratory disease in the United States: A difference-in-differences analysis. Science of the Total Environment, 2022, 843, 156855.	3.9	24
34	Examining PM2.5 concentrations and exposure using multiple models. Environmental Research, 2021, 196, 110432.	3.7	20
35	Schools exposure to air pollution sources in Brazil: A nationwide assessment of more than 180 thousand schools. Science of the Total Environment, 2021, 763, 143027.	3.9	14
36	Associations of Plasma Folate and Vitamin B6 With Blood DNA Methylation Age: An Analysis of One-Carbon Metabolites in the VA Normative Aging Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 760-769.	1.7	11

#	Article	IF	Citations
37	DNA methylation-based biomarkers of age acceleration and all-cause death, myocardial infarction, stroke, and cancer in two cohorts: The NAS, and KORA F4. EBioMedicine, 2021, 63, 103151.	2.7	42
38	Residential radon exposure and hypertensive disorders of pregnancy in Massachusetts, USA: A cohort study. Environment International, 2021, 146, 106285.	4.8	11
39	PM2.5 and hospital admissions among Medicare enrollees with chronic debilitating brain disorders. Science of the Total Environment, 2021, 755, 142524.	3.9	16
40	TWO AUTHORS REPLY. American Journal of Epidemiology, 2021, 190, 488-490.	1.6	1
41	Blood DNA methylation biomarkers of cumulative lead exposure in adults. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 108-116.	1.8	21
42	Associations between acute and long-term exposure to PM2.5 components and temperature with QT interval length in the VA Normative Aging Study. European Journal of Preventive Cardiology, 2021, , .	0.8	2
43	Exposure to PM2.5 and Obesity Prevalence in the Greater Mexico City Area. International Journal of Environmental Research and Public Health, 2021, 18, 2301.	1.2	21
44	Assessing additive effects of air pollutants on mortality rate in Massachusetts. Environmental Health, 2021, 20, 19.	1.7	2
45	Long-term Exposure to PM2.5 and Mortality for the Older Population: Effect Modification by Residential Greenness. Epidemiology, 2021, 32, 477-486.	1.2	18
46	Particulate Matter and Cardiovascular Risk in Adults with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 159-167.	2.5	24
47	A national difference in differences analysis of the effect of PM2.5 on annual death rates. Environmental Research, 2021, 194, 110649.	3.7	21
48	Ambient air pollution exposure and radiographic pulmonary vascular volumes. Environmental Epidemiology, 2021, 5, e143.	1.4	2
49	Association between short-term exposure to ambient fine particulate matter and myocardial injury in the CATHGEN cohort. Environmental Pollution, 2021, 275, 116663.	3.7	15
50	Global mortality from outdoor fine particle pollution generated by fossil fuel combustion: Results from GEOS-Chem. Environmental Research, 2021, 195, 110754.	3.7	391
51	Long-Term Association of Air Pollution and Hospital Admissions Among Medicare Participants Using a Doubly Robust Additive Model. Circulation, 2021, 143, 1584-1596.	1.6	78
52	Associations between PM2.5 metal components and QT interval length in the Normative Aging Study. Environmental Research, 2021, 195, 110827.	3.7	7
53	Spatio-temporal associations of air pollutant concentrations, GP respiratory consultations and respiratory inhaler prescriptions: a 5-year study of primary care in the borough of Lambeth, South London. Environmental Health, 2021, 20, 54.	1.7	13
54	A Direct Estimate of the Impact of PM2.5, NO2, and O3 Exposure on Life Expectancy Using Propensity Scores. Epidemiology, 2021, 32, 469-476.	1.2	9

#	Article	IF	Citations
55	Estimation of excess mortality due to long-term exposure to PM2.5 in continental United States using a high-spatiotemporal resolution model. Environmental Research, 2021, 196, 110904.	3.7	14
56	Maternal Ambient Exposure to Atmospheric Pollutants during Pregnancy and Offspring Term Birth Weight in the Nationwide ELFE Cohort. International Journal of Environmental Research and Public Health, 2021, 18, 5806.	1.2	4
57	The burden of heat-related mortality attributable to recent human-induced climate change. Nature Climate Change, 2021, 11, 492-500.	8.1	400
58	Short-term air pollution, cognitive performance and nonsteroidal anti-inflammatory drug use in the Veterans Affairs Normative Aging Study. Nature Aging, 2021, 1, 430-437.	5.3	33
59	Prenatal Ambient Ultrafine Particle Exposure and Childhood Asthma in the Northeastern United States. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 788-796.	2.5	26
60	Particulate Air Pollution and Risk of Cardiovascular Events Among Adults With a History of Stroke or Acute Myocardial Infarction. Journal of the American Heart Association, 2021, 10, e019758.	1.6	24
61	City-level vulnerability to temperature-related mortality in the USA and future projections: a geographically clustered meta-regression. Lancet Planetary Health, The, 2021, 5, e338-e346.	5.1	17
62	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. Clinical Epigenetics, 2021, 13, 121.	1.8	13
63	The influence of fine particulate matter on the association between residential greenness and ovarian reserve. Environmental Research, 2021, 197, 111162.	3.7	12
64	Ambient PM2.5 species and ultrafine particle exposure and their differential metabolomic signatures. Environment International, 2021, 151, 106447.	4.8	41
65	Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. Lancet Planetary Health, The, 2021, 5, e415-e425.	5.1	284
66	Assessing mortality risk attributable to high ambient temperatures in Ahmedabad, 1987 to 2017. Environmental Research, 2021, 198, 111232.	3.7	15
67	Epigenome-wide DNA Methylation in Leukocyte and Toenail Metals: the Normative Aging Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
68	Association between chronic obstructive pulmonary disease and long-term ozone and PM2.5 exposure among Medicare participants: a national cohort study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
69	Prenatal Air Pollution, Maternal Immune Activation, and Autism Spectrum Disorders. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
70	Maternal exposure to traffic-related pollutants during pregnancy and birth weight: using machine-learning methods to achieve balance in inverse-probability weights. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
71	Long-term exposure to ambient PM2.5 leads to increased risk of Type 2 diabetes in urban Delhi and Chennai, India. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
72	Low-concentration air pollution and mortality in American older adults: A national cohort analysis (2001-2017). ISEE Conference Abstracts, 2021, 2021, .	0.0	0

#	Article	IF	Citations
73	Emulating causal dose-response relations between air pollutants and mortality in elders. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
74	Long-term air pollution exposure and incident stroke in American elderly population: a national cohort study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
75	Duration of PM2.5 exposure and alterations in the serum metabolome. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
76	The impact of air pollution on mortality risk in the older adults with Alzheimer's disease and related dementias (ADRD). ISEE Conference Abstracts, 2021, 2021, .	0.0	0
77	Exposure modelling for air pollution in India: Challenges and opportunities. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
78	Super-learning and ensemble weighted averaging models to predict hyperlocal long-term exposure to fine particulate matter components in the United States. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
79	Pregnancy exposure to phthalates and placental DNA methylation in the French EDEN cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
80	Placental gene networks at the interface between maternal PM2.5 exposure early in gestation and reduced infant birthweight. Environmental Research, 2021, 199, 111342.	3.7	24
81	The effect of prenatal temperature and PM2.5 exposure on birthweight: weekly windows of exposure throughout the pregnancy. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
82	Quantifying the short-term effects of air pollution on health in the presence of exposure measurement error: a simulation study of multi-pollutant model results. Environmental Health, 2021, 20, 94.	1.7	10
83	Air quality changed disproportionally across the world urban agglomerations, countries, and regions due to COVID-19 lockdown measures. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
84	Associations between long-term fine particulate matter exposure and hospital procedures in heart failure patients. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
85	Long-term Exposure to Air Pollution and Temperature and Hospital Admissions with Cardiovascular Disease in the United States. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
86	Acute exposures to air pollutants and asthma hospitalization in the Medicaid population. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
87	Ambient air pollution and academic achievements among US children: a panel study. ISEE Conference Abstracts, 2021, 2021, .	0.0	1
88	Solar activity and number of live births in Massachusetts neonates 2000-2015. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
89	A two-year assessment of particulate air pollution and sources in Kuwait. Environmental Pollution, 2021, 282, 117016.	3.7	22
90	Quantile regression to examine the association of air pollution with subclinical atherosclerosis in an adolescent population. ISEE Conference Abstracts, 2021, 2021, .	0.0	0

#	Article	IF	Citations
91	Exposure to PMâ„.â„... during pregnancy and ultrasound parameters of fetal growth in Massachusetts, USA. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
92	Long-term air pollution exposure and incident dementia in American elderly population: a national cohort study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
93	Embracing a â€œCompoundâ€•Exposome Approach to Better Understand Environment and DNA Methylation Age Relationships. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
94	Associations of Short-term Exposure to Air Pollution and Ambient Temperature Increase with Psychiatric Admissions in Elderly Adults. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
95	Geographical Variations of the Minimum Mortality Temperature at a Global Scale. Environmental Epidemiology, 2021, 5, e169.	1.4	28
96	Predictors of indoor radon levels in the Midwest United States. Journal of the Air and Waste Management Association, 2021, 71, 1515-1528.	0.9	4
97	Mortality risk attributable to wildfire-related PM2Â·5 pollution: a global time series study in 749 locations. Lancet Planetary Health, The, 2021, 5, e579-e587.	5.1	109
98	Periconception air pollution, metabolomic biomarkers, and fertility among women undergoing assisted reproduction. Environment International, 2021, 155, 106666.	4.8	35
99	The effect of prenatal temperature and PM2.5 exposure on birthweight: Weekly windows of exposure throughout the pregnancy. Environment International, 2021, 155, 106588.	4.8	32
100	A Co-Twin control study of fine particulate matter and the prevalence of metabolic syndrome risk factors. Environmental Research, 2021, 201, 111604.	3.7	1
101	Metabolomic signatures of the short-term exposure to air pollution and temperature. Environmental Research, 2021, 201, 111553.	3.7	14
102	Short-term exposure to PM2.5 components and renal health: Findings from the Veterans Affairs Normative Aging Study. Journal of Hazardous Materials, 2021, 420, 126557.	6.5	20
103	Impact of ambient temperature on ovarian reserve. Fertility and Sterility, 2021, 116, 1052-1060.	0.5	17
104	Temporal changes in associations between high temperature and hospitalizations by greenspace: Analysis in the Medicare population in 40 U.S. northeast counties. Environment International, 2021, 156, 106737.	4.8	13
105	A self-controlled approach to survival analysis, with application to air pollution and mortality. Environment International, 2021, 157, 106861.	4.8	5
106	Heat warnings, mortality, and hospital admissions among older adults in the United States. Environment International, 2021, 157, 106834.	4.8	26
107	Pregnancy exposure to synthetic phenols and placental DNA methylation â€” An epigenome-wide association study in male infants from the EDEN cohort. Environmental Pollution, 2021, 290, 118024.	3.7	24
108	Effects of particulate matter gamma radiation on oxidative stress biomarkers in COPD patients. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 727-735.	1.8	4

#	Article	IF	Citations
109	Long-term effect of exposure to lower concentrations of air pollution on mortality among US Medicare participants and vulnerable subgroups: a doubly-robust approach. Lancet Planetary Health, The, 2021, 5, e689-e697.	5.1	54
110	Do temporal trends of associations between short-term exposure to fine particulate matter (PM2.5) and risk of hospitalizations differ by sub-populations and urbanicityâ€"a study of 968 U.S. counties and the Medicare population. Environmental Research, 2021, , 112271.	3.7	4
111	Ambient air pollution associated with lower academic achievement among US children. Environmental Epidemiology, 2021, 5, e174.	1.4	16
112	Nationwide Study of Short-term Exposure to Fine Particulate Matter and Cardiovascular Hospitalizations Among Medicaid Enrollees. Epidemiology, 2021, 32, 6-13.	1.2	19
113	A national cohort study (2000â€"2018) of long-term air pollution exposure and incident dementia in older adults in the United States. Nature Communications, 2021, 12, 6754.	5.8	92
114	Health impacts of wildfire-related air pollution in Brazil: a nationwide study of more than 2 million hospital admissions between 2008 and 2018. Nature Communications, 2021, 12, 6555.	5.8	40
115	Health benefits of decreases in on-road transportation emissions in the United States from 2008 to 2017. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	34
116	Association of Outdoor Ambient Fine Particulate Matter With Intracellular White Matter Microstructural Properties Among Children. JAMA Network Open, 2021, 4, e2138300.	2.8	18
117	Long-Term Exposure to Low-Level NO2 and Mortality among the Elderly Population in the Southeastern United States. Environmental Health Perspectives, 2021, 129, 127009.	2.8	26
118	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. Nature Communications, 2021, 12, 7173.	5.8	8
119	Meta-analyses identify DNA methylation associated with kidney function and damage. Nature Communications, 2021, 12, 7174.	5.8	30
120	Short-term exposures to particulate matter gamma radiation activities and biomarkers of systemic inflammation and endothelial activation in COPD patients. Environmental Research, 2020, 180, 108841.	3.7	6
121	Early Life Exposure to Air Pollution and Autism Spectrum Disorder. Epidemiology, 2020, 31, 103-114.	1.2	48
122	Assessing NO₂ Concentration and Model Uncertainty with High Spatiotemporal Resolution across the Contiguous United States Using Ensemble Model Averaging. Environmental Science & Technology, 2020, 54, 1372-1384.	4.6	155
123	Children's acute respiratory symptoms associated with PM2.5 estimates in two sequential representative surveys from the Mexico City Metropolitan Area. Environmental Research, 2020, 180, 108868.	3.7	27
124	Associations of annual ambient PM2.5 components with DNAm PhenoAge acceleration in elderly men: The Normative Aging Study. Environmental Pollution, 2020, 258, 113690.	3.7	25
125	Comparing the performance of air pollution models for nitrogen dioxide and ozone in the context of a multilevel epidemiological analysis. Environmental Epidemiology, 2020, 4, e093.	1.4	16
126	Unconventional oil and gas development and ambient particle radioactivity. Nature Communications, 2020, 11, 5002.	5.8	20

#	Article	IF	Citations
127	The Role of Ambient Particle Radioactivity in Inflammation and Endothelial Function in an Elderly Cohort. Epidemiology, 2020, 31, 499-508.	1.2	16
128	Ambient air pollution and risk of pregnancy loss among women undergoing assisted reproduction. Environmental Research, 2020, 191, 110201.	3.7	13
129	Long-term effects of PM2Â·5 on neurological disorders in the American Medicare population: a longitudinal cohort study. Lancet Planetary Health, The, 2020, 4, e557-e565.	5.1	151
130	Urban Air Pollution May Enhance COVID-19 Case-Fatality and Mortality Rates in the United States. Innovation(China), 2020, 1, 100047.	5.2	177
131	Building capacity for air pollution epidemiology in India. Environmental Epidemiology, 2020, 4, e117.	1.4	8
132	Prediction of PM2.5 concentrations at the locations of monitoring sites measuring PM10 and NOx, using generalized additive models and machine learning methods: A case study in London. Atmospheric Environment, 2020, 240, 117757.	1.9	24
133	Exposure to Air Pollution and Particle Radioactivity With the Risk of Ventricular Arrhythmias. Circulation, 2020, 142, 858-867.	1.6	18
134	Fine particulate matter exposure during childhood relates to hemispheric-specific differences in brain structure. Environment International, 2020, 143, 105933.	4.8	65
135	Association of Neutrophil to Lymphocyte Ratio With Pulmonary Function in a 30-Year Longitudinal Study of US Veterans. JAMA Network Open, 2020, 3, e2010350.	2.8	18
136	Term birthweight and critical windows of prenatal exposure to average meteorological conditions and meteorological variability. Environment International, 2020, 142, 105847.	4.8	20
137	Estimating the Combined Effects of Natural and Built Environmental Exposures on Birthweight among Urban Residents in Massachusetts. International Journal of Environmental Research and Public Health, 2020, 17, 8805.	1.2	11
138	Prenatal exposure to particulate air pollution and gestational age at delivery in Massachusetts neonates 2001â€“2015. Environmental Epidemiology, 2020, 4, e113.	1.4	10
139	The impact of measurement error in modeled ambient particles exposures on health effect estimates in multilevel analysis. Environmental Epidemiology, 2020, 4, e094.	1.4	17
140	Metabolomic signatures of lead exposure in the VA Normative Aging Study. Environmental Research, 2020, 190, 110022.	3.7	24
141	Age and mitochondrial DNA copy number influence the association between outdoor temperature and cognitive function. Environmental Epidemiology, 2020, 4, e0108.	1.4	8
142	Associations of smoking and air pollution with peripheral blood RNA N6-methyladenosine in the Beijing truck driver air pollution study. Environment International, 2020, 144, 106021.	4.8	25
143	Race or racial segregation? Modification of the PM2.5 and cardiovascular mortality association. PLoS ONE, 2020, 15, e0236479.	1.1	16
144	Seasonality of suicide: a multi-country multi-community observational study. Epidemiology and Psychiatric Sciences, 2020, 29, e163.	1.8	36

#	Article	IF	Citations
145	An Ensemble Learning Approach for Estimating High Spatiotemporal Resolution of Ground-Level Ozone in the Contiguous United States. Environmental Science & Technology, 2020, 54, 11037-11047.	4.6	114
146	Measurements of Gross Î±- and Î²-Activities of Archived PM2.5 and PM10 Teflon Filter Samples. Environmental Science & Technology, 2020, 54, 11780-11788.	4.6	10
147	Exposure to Particulate Matter Is Associated With Elevated Blood Pressure and Incident Hypertension in Urban India. Hypertension, 2020, 76, 1289-1298.	1.3	40
148	Racial Disparities in Associations between Neighborhood Demographic Polarization and Birth Weight. International Journal of Environmental Research and Public Health, 2020, 17, 3076.	1.2	1
149	Exposure to Particle Beta Radiation in Greater Massachusetts and Factors Influencing Its Spatial and Temporal Variability. Environmental Science & Technology, 2020, 54, 6575-6583.	4.6	8
150	Ambient particle radioactivity and gestational diabetes: A cohort study of more than 1 million pregnant women in Massachusetts, USA. Science of the Total Environment, 2020, 733, 139340.	3.9	9
151	Risk of Acute Respiratory Distress Syndrome Among Older Adults Living Near Construction and Manufacturing Sites. Epidemiology, 2020, 31, 468-477.	1.2	5
152	Causal Effects of Air Pollution on Mortality Rate in Massachusetts. American Journal of Epidemiology, 2020, 189, 1316-1323.	1.6	47
153	Leveraging Existing Cohorts to Study Health Effects of Air Pollution on Cardiometabolic Disorders: India Global Environmental and Occupational Health Hub. Environmental Health Insights, 2020, 14, 117863022091568.	0.6	5
154	Predicting Fine Particulate Matter (PM2.5) in the Greater London Area: An Ensemble Approach using Machine Learning Methods. Remote Sensing, 2020, 12, 914.	1.8	71
155	Short term association between ozone and mortality: global two stage time series study in 406 locations in 20 countries. BMJ, The, 2020, 368, m108.	3.0	109
156	Evaluating the impact of long-term exposure to fine particulate matter on mortality among the elderly. Science Advances, 2020, 6, eaba5692.	4.7	111
157	PM2.5 and NO2 exposure errors using proxy measures, including derived personal exposure from outdoor sources: A systematic review and meta-analysis. Environment International, 2020, 137, 105500.	4.8	43
158	Inverse probability weighted distributed lag effects of short-term exposure to PM2.5 and ozone on CVD hospitalizations in New England Medicare participants - Exploring the causal effects. Environmental Research, 2020, 182, 109095.	3.7	37
159	Ensemble averaging based assessment of spatiotemporal variations in ambient PM2.5 concentrations over Delhi, India, during 2010â€“2016. Atmospheric Environment, 2020, 224, 117309.	1.9	25
160	Short-term exposure to ambient particle gamma radioactivity is associated with increased risk for all-cause non-accidental and cardiovascular mortality. Science of the Total Environment, 2020, 721, 137793.	3.9	7
161	Association between ambient beta particle radioactivity and lower hemoglobin concentrations in a cohort of elderly men. Environment International, 2020, 139, 105735.	4.8	6
162	Individual species and cumulative mixture relationships of 24-hour urine metal concentrations with DNA methylation age variables in older men. Environmental Research, 2020, 186, 109573.	3.7	16

#	Article	IF	Citations
163	Air Conditioning and Heat-related Mortality. Epidemiology, 2020, 31, 779-787.	1.2	72
164	Biomarkers of aging and lung function in the normative aging study. Aging, 2020, 12, 11942-11966.	1.4	15
165	Blood DNA methylation sites predict death risk in a longitudinal study of 12, 300 individuals. Aging, 2020, 12, 14092-14124.	1.4	15
166	Accelerated epigenetic aging as a risk factor for chronic obstructive pulmonary disease and decreased lung function in two prospective cohort studies. Aging, 2020, 12, 16539-16554.	1.4	13
167	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. ELife, 2020, 9, .	2.8	268
168	Particulate air pollution and risk of subsequent cardiovascular events among those with a history of stroke or myocardial infarction. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
169	Short-term Exposure to Fine Particulate Matter and Myocardial Injury among Patients Undergoing Cardiac Catheterization. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
170	Neighborhood differences in the associations between PM2.5 exposure and hypertension among heart failure patients in North Carolina, USA. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
171	Prenatal Exposure to Particulate Air Pollution and Gestational Age at delivery in Massachusetts Neonates 2001-2015 - a Perspective of Causal Modeling and Health Disparities. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
172	Long-term PM2.5 exposure as a risk factor for 30-day hospital readmissions among heart failure patients. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
173	A Self-Controlled Approach to Survival Analysis, with application to Air Pollution and Mortality. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
174	The Long-term Effect of Exposure to Air Pollutants on Mortality among Medicare Participants: A National Study Using an Additive Hazards Model. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
175	Mixed metal exposures measured from toenail in relation to mini-mental state examination scores in the Normative Aging Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
176	Short-term Effects of Fine Particulate Matter on Heart Rate in Heart Failure Patients. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
177	Short-term Exposure to Ambient Particulate Elements and Epigenome-wide DNA Methylation in Older Men: the Normative Aging Study. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
178	The Causal Effect of PM2.5 Exposure on Hospital Admissions Among Medicare Enrollees with Chronic Debilitating Brain Disorders: A National Study.. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
179	Assessing the distribution of air pollution health risks within cities: a neighborhood-scale analysis leveraging high resolution datasets in the Bay Area, California.. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
180	Temporal trends of associations between short-term exposure to fine particulate matter (PM2.5) and risk of hospitalizations in understudied populations, with effect modification by sex and urbanicity in U.S. counties. ISEE Conference Abstracts, 2020, 2020, .	0.0	0

#	Article	IF	Citations
181	Association of Short-Term PM2.5 with Hospital Readmissions in Heart Failure Patients in North Carolina, USA. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
182	Long term exposure to ambient PM2.5 and its effects on lipid levels in an adult cohort in India. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
183	Long-term Effects of Fine Particulate Matter on Neurological Disorders in the US Medicare Population: A Nationwide Analysis. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
184	Impacts of Long-term Exposure to Fine Particulate Matter on Mortality Among the Elderly. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
185	Long-term effects of traffic-related air pollution on mortality in the Southeastern US. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
186	Higher levels of residential radon are associated with higher odds of PIH disorders in Massachusetts, USA. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
187	Association between ambient beta particle radioactivity and lower hemoglobin concentrations in a cohort of elderly men. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
188	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. Circulation, 2019, 140, 645-657.	1.6	151
189	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. New England Journal of Medicine, 2019, 381, 705-715.	13.9	978
190	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.	1.2	35
191	Smoking-Related DNA Methylation is Associated with DNA Methylation Phenotypic Age Acceleration: The Veterans Affairs Normative Aging Study. International Journal of Environmental Research and Public Health, 2019, 16, 2356.	1.2	22
192	Short-term ambient particle radioactivity level and renal function in older men: Insight from the Normative Aging Study. Environment International, 2019, 131, 105018.	4.8	13
193	Long-term effect of fine particulate matter on hospitalization with dementia. Environmental Pollution, 2019, 254, 112926.	3.7	35
194	Predicted temperature-increase-induced global health burden and its regional variability. Environment International, 2019, 131, 105027.	4.8	34
195	An ensemble-based model of PM2.5 concentration across the contiguous United States with high spatiotemporal resolution. Environment International, 2019, 130, 104909.	4.8	370
196	Air Quality and Health Impact of Future Fossil Fuel Use for Electricity Generation and Transport in Africa. Environmental Science & Technology, 2019, 53, 13524-13534.	4.6	44
197	Effects of Maternal Homelessness, Supplemental Nutrition Programs, and Prenatal PM2.5 on Birthweight. International Journal of Environmental Research and Public Health, 2019, 16, 4154.	1.2	19
198	Short-term associations between daily mortality and ambient particulate matter, nitrogen dioxide, and the air quality index in a Middle Eastern megacity. Environmental Pollution, 2019, 254, 113121.	3.7	56

#	Article	IF	Citations
199	Optimism is not associated with two indicators of DNA methylation aging. Aging, 2019, 11, 4970-4989.	1.4	6
200	The Role of Humidity in Associations of High Temperature with Mortality: A Multicountry, Multicity Study. Environmental Health Perspectives, 2019, 127, 97007.	2.8	84
201	Long-term exposure to PM2.5 and ozone and hospital admissions of Medicare participants in the Southeast USA. Environment International, 2019, 130, 104879.	4.8	89
202	Long-Term PM10 Exposure and Cause-Specific Mortality in the Latium Region (Italy): A Difference-in-Differences Approach. Environmental Health Perspectives, 2019, 127, 67004.	2.8	37
203	Short-term effects of particle gamma radiation activities on pulmonary function in COPD patients. Environmental Research, 2019, 175, 221-227.	3.7	13
204	Associations between ambient particle radioactivity and lung function. Environment International, 2019, 130, 104795.	4.8	29
205	County-level radon exposure and all-cause mortality risk among Medicare beneficiaries. Environment International, 2019, 130, 104865.	4.8	12
206	Impact of Long-Term Exposures to Ambient PM2.5 and Ozone on ARDS Risk for Older Adults in the United States. Chest, 2019, 156, 71-79.	0.4	51
207	Comparative validation of an epigenetic mortality risk score with three aging biomarkers for predicting mortality risks among older adult males. International Journal of Epidemiology, 2019, 48, 1958-1971.	0.9	25
208	Pathway analysis of a genome-wide gene by air pollution interaction study in asthmatic children. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 539-547.	1.8	13
209	Impacts of air pollution, temperature, and relative humidity on leukocyte distribution: An epigenetic perspective. Environment International, 2019, 126, 395-405.	4.8	52
210	How urban characteristics affect vulnerability to heat and cold: a multi-country analysis. International Journal of Epidemiology, 2019, 48, 1101-1112.	0.9	131
211	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.	1.2	59
212	Correlation over time of toenail metals among participants in the VA normative aging study from 1992 to 2014. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 663-673.	1.8	16
213	Associations between seasonal temperature and dementia-associated hospitalizations in New England. Environment International, 2019, 126, 228-233.	4.8	46
214	Fine Particulate Air Pollution and Birthweight: Differences in Associations Along the Birthweight Distribution. Epidemiology, 2019, 30, 617-623.	1.2	22
215	Suicide and Ambient Temperature: A Multi-Country Multi-City Study. Environmental Health Perspectives, 2019, 127, 117007.	2.8	102
216	Change in PM2.5 exposure and mortality among Medicare recipients. Environmental Epidemiology, 2019, 3, e054.	1.4	12

#	Article	IF	Citations
217	Neighborhood Sociodemographic Effects on the Associations Between Long-term PM2.5 Exposure and Cardiovascular Outcomes and Diabetes Mellitus. Environmental Epidemiology, 2019, 3, e038.	1.4	20
218	Estimating the causal effect of annual PM2.5 exposure on mortality rates in the Northeastern and mid-Atlantic states. Environmental Epidemiology, 2019, 3, e052.	1.4	23
219	Exposure to Fine Particulate Matter and Ovarian Reserve Among Women from a Fertility Clinic. Epidemiology, 2019, 30, 486-491.	1.2	51
220	Comparison of temperature-mortality associations estimated with different exposure metrics. Environmental Epidemiology, 2019, 3, e072.	1.4	26
221	Air pollution, neighborhood deprivation, and autism spectrum disorder in the Study to Explore Early Development. Environmental Epidemiology, 2019, 3, e067.	1.4	19
222	Mediation analysis for common binary outcomes. Statistics in Medicine, 2019, 38, 512-529.	0.8	29
223	Association of outdoor temperature with lung function in a temperate climate. European Respiratory Journal, 2019, 53, 1800612.	3.1	19
224	Association of long-term PM2.5 exposure with traditional and novel lipid measures related to cardiovascular disease risk. Environment International, 2019, 122, 193-200.	4.8	83
225	Short-term exposure to ambient air pollution and circulating biomarkers of endothelial cell activation: The Framingham Heart Study. Environmental Research, 2019, 171, 36-43.	3.7	20
226	Effect modification of ambient particle mortality by radon: A time series analysis in 108 U.S. cities. Journal of the Air and Waste Management Association, 2019, 69, 266-276.	0.9	26
227	TOC GENERATION TEST: Suicide and Ambient Temperature: A Multi-Country Multi-City Study. Environmental Health Perspectives, 2019, 127, 117007.	2.8	3
228	Assessing Adverse Health Effects of Long-Term Exposure to Low Levels of Ambient Air Pollution: Phase 1. Research Report (health Effects Institute), 2019, , 1-51.	1.6	5
229	miRNA-Processing Gene Methylation and Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2018, 27, 550-557.	1.1	19
230	Lifetime air pollution exposure and asthma in a pediatric birth cohort. Journal of Allergy and Clinical Immunology, 2018, 141, 1932-1934.e7.	1.5	30
231	Lung function association with outdoor temperature and relative humidity and its interaction with air pollution in the elderly. Environmental Research, 2018, 165, 110-117.	3.7	62
232	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor Î±. JAMA Cardiology, 2018, 3, 463.	3.0	33
233	Effectiveness of National Weather Service heat alerts in preventing mortality in 20 US cities. Environment International, 2018, 116, 30-38.	4.8	51
234	The association between air pollution and the incidence of idiopathic pulmonary fibrosis in Northern Italy. European Respiratory Journal, 2018, 51, 1700397.	3.1	96

#	Article	IF	Citations
235	A multi-country analysis on potential adaptive mechanisms to cold and heat in a changing climate. Environment International, 2018, 111, 239-246.	4.8	125
236	Prenatal particulate matter exposure and mitochondrial dysfunction at the maternal-fetal interface: Effect modification by maternal lifetime trauma and child sex. Environment International, 2018, 112, 49-58.	4.8	70
237	Ambient air pollution, adipokines, and glucose homeostasis: The Framingham Heart Study. Environment International, 2018, 111, 14-22.	4.8	44
238	Meta-analysis of epigenome-wide association studies of cognitive abilities. Molecular Psychiatry, 2018, 23, 2133-2144.	4.1	68
239	Accounting for adaptation and intensity in projecting heat wave-related mortality. Environmental Research, 2018, 161, 464-471.	3.7	51
240	Prenatal fine particulate exposure associated with reduced childhood lung function and nasal epithelia GSTP1 hypermethylation: Sex-specific effects. Respiratory Research, 2018, 19, 76.	1.4	32
241	Cumulative exposure to environmental pollutants during early pregnancy and reduced fetal growth: the Project Viva cohort. Environmental Health, 2018, 17, 19.	1.7	29
242	Indoor black carbon of outdoor origin and oxidative stress biomarkers in patients with chronic obstructive pulmonary disease. Environment International, 2018, 115, 188-195.	4.8	27
243	Associations Between Ambient Particle Radioactivity and Blood Pressure: The NAS (Normative Aging) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	34
244	The Inflammatory Potential of Dietary Manganese in a Cohort of Elderly Men. Biological Trace Element Research, 2018, 183, 49-57.	1.9	19
245	Prenatal fine particulate exposure and early childhood asthma: Effect of maternal stress and fetal sex. Journal of Allergy and Clinical Immunology, 2018, 141, 1880-1886.	1.5	116
246	Accelerated DNA methylation age and the use of antihypertensive medication among older adults. Aging, 2018, 10, 3210-3228.	1.4	21
247	Analysis of repeated leukocyte DNA methylation assessments reveals persistent epigenetic alterations after an incident myocardial infarction. Clinical Epigenetics, 2018, 10, 161.	1.8	20
248	Estimating the Effects of PM2.5 on Life Expectancy Using Causal Modeling Methods. Environmental Health Perspectives, 2018, 126, 127002.	2.8	35
249	A National Multicity Analysis of the Causal Effect of Local Pollution, NO2, and PM2.5 on Mortality. Environmental Health Perspectives, 2018, 126, 87004.	2.8	56
250	Residential Proximity to Major Roadways at Birth, DNA Methylation at Birth and Midchildhood, and Childhood Cognitive Test Scores: Project Viva(Massachusetts, USA). Environmental Health Perspectives, 2018, 126, 97006.	2.8	15
251	Short-term effects of fine particulate matter and ozone on the cardiac conduction system in patients undergoing cardiac catheterization. Particle and Fibre Toxicology, 2018, 15, 38.	2.8	26
252	Recent exposure to particle radioactivity and biomarkers of oxidative stress and inflammation: The Framingham Heart Study. Environment International, 2018, 121, 1210-1216.	4.8	27

#	Article	IF	Citations
253	Extracellular vesicle-enriched microRNAs interact in the association between long-term particulate matter and blood pressure in elderly men. Environmental Research, 2018, 167, 640-649.	3.7	43
254	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. Climatic Change, 2018, 150, 391-402.	1.7	107
255	â€œTransparencyâ€•as Mask? The EPAâ€™s Proposed Rule on Scientific Data. New England Journal of Medicine, 2018, 379, 1496-1497.	13.9	6
256	Air Pollution and Mortality in the Medicare Populationâ€”Reply. JAMA - Journal of the American Medical Association, 2018, 319, 2135.	3.8	2
257	Indoor black carbon and biomarkers of systemic inflammation and endothelial activation in COPD patients. Environmental Research, 2018, 165, 358-364.	3.7	32
258	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.	3.9	72
259	Association between particulate air pollution exposure during pregnancy and postpartum maternal psychological functioning. PLoS ONE, 2018, 13, e0195267.	1.1	33
260	Development of a modeling approach to estimate indoor-to-outdoor sulfur ratios and predict indoor PM2.5 and black carbon concentrations for Eastern Massachusetts households. Journal of Exposure Science and Environmental Epidemiology, 2018, 28, 125-130.	1.8	28
261	Pregnancy exposure to atmospheric pollution and meteorological conditions and placental DNA methylation. Environment International, 2018, 118, 334-347.	4.8	93
262	Iron-processing genotypes, nutrient intakes, and cadmium levels in the Normative Aging Study: Evidence of sensitive subpopulations in cadmium risk assessment. Environment International, 2018, 119, 527-535.	4.8	7
263	Quantifying excess deaths related to heatwaves under climate change scenarios: A multicountry time series modelling study. PLoS Medicine, 2018, 15, e1002629.	3.9	232
264	The concentration-response between long-term PM2.5 exposure and mortality; A meta-regression approach. Environmental Research, 2018, 166, 677-689.	3.7	205
265	Residential Greenness and Birthweight in the State of Massachusetts, USA. International Journal of Environmental Research and Public Health, 2018, 15, 1248.	1.2	41
266	Relation of Prenatal Air Pollutant and Nutritional Exposures with Biomarkers of Allergic Disease in Adolescence. Scientific Reports, 2018, 8, 10578.	1.6	19
267	Prenatal nitrate air pollution exposure and reduced child lung function: Timing and fetal sex effects. Environmental Research, 2018, 167, 591-597.	3.7	29
268	Exposures to Air Pollution and Risk of Acute-onset Placental Abruption. Epidemiology, 2018, 29, 631-638.	1.2	22
269	Promoter methylation of PGC1A and PGC1B predicts cancer incidence in a veteran cohort. Epigenomics, 2018, 10, 733-743.	1.0	12
270	DNA Methylation of Telomere-Related Genes and Cancer Risk. Cancer Prevention Research, 2018, 11, 511-522.	0.7	12

#	Article	IF	Citations
271	Prenatal Exposure to Traffic Pollution and Childhood Body Mass Index Trajectory. Frontiers in Endocrinology, 2018, 9, 771.	1.5	26
272	Modelling spatio-temporally resolved air temperature across the complex geo-climate area of France using satellite-derived land surface temperature data. International Journal of Climatology, 2017, 37, 296-304.	1.5	30
273	A hybrid model for spatially and temporally resolved ozone exposures in the continental United States. Journal of the Air and Waste Management Association, 2017, 67, 39-52.	0.9	100
274	Science, Politics, and Health. Epidemiology, 2017, 28, 316-319.	1.2	3
275	Empirical comparison of reduced representation bisulfite sequencing and Infinium BeadChip reproducibility and coverage of DNA methylation in humans. Npj Genomic Medicine, 2017, 2, 13.	1.7	26
276	Editorâ€™s Highlight: Modifying Role of Endothelial Function Gene Variants on the Association of Long-Term PM2.5 Exposure With Blood DNA Methylation Age: The VA Normative Aging Study. Toxicological Sciences, 2017, 158, 116-126.	1.4	10
277	Impacts of the Mitochondrial Genome on the Relationship of Long-Term Ambient Fine Particle Exposure with Blood DNA Methylation Age. Environmental Science & Technology, 2017, 51, 8185-8195.	4.6	16
278	Associations between long-term exposure to PM2.5 component species and blood DNA methylation age in the elderly: The VA normative aging study. Environment International, 2017, 102, 57-65.	4.8	58
279	Long-term Exposure to PM2.5 and Mortality Among Older Adults in the Southeastern US. Epidemiology, 2017, 28, 207-214.	1.2	127
280	Short-term effects of air temperature and mitochondrial DNA lesions within an older population. Environment International, 2017, 103, 23-29.	4.8	3
281	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.	0.8	13
282	Traffic-derived particulate matter exposure and histone H3 modification: A repeated measures study. Environmental Research, 2017, 153, 112-119.	3.7	52
283	Fine-scale spatial and temporal variation in temperature and arrhythmia episodes in the VA Normative Aging Study. Journal of the Air and Waste Management Association, 2017, 67, 96-104.	0.9	12
284	Differential DNA methylation and PM_{2.5} species in a 450K epigenome-wide association study. Epigenetics, 2017, 12, 139-148.	1.3	52
285	A spatio-temporal prediction model based on support vector machine regression: Ambient Black Carbon in three New England States. Environmental Research, 2017, 159, 427-434.	3.7	35
286	Testing for the indirect effect under the null for genomeâ€wide mediation analyses. Genetic Epidemiology, 2017, 41, 824-833.	0.6	60
287	Acute effects of fine particulate matter constituents on mortality: A systematic review and meta-regression analysis. Environment International, 2017, 109, 89-100.	4.8	218
288	Air Pollution and Mortality in the Medicare Population. New England Journal of Medicine, 2017, 377, 1497-1499.	13.9	30

#	Article	IF	Citations
289	Doubly Robust Additive Hazards Models to Estimate Effects of a Continuous Exposure on Survival. Epidemiology, 2017, 28, 771-779.	1.2	24
290	Prenatal exposure to PM 2.5 and birth weight: A pooled analysis from three North American longitudinal pregnancy cohort studies. Environment International, 2017, 107, 173-180.	4.8	36
291	Projected temperature-related deaths in ten large U.S. metropolitan areas under different climate change scenarios. Environment International, 2017, 107, 196-204.	4.8	74
292	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. Environmental Research, 2017, 159, 16-23.	3.7	63
293	Short-Term Exposure to Ambient Air Pollution and Biomarkers of Systemic Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1793-1800.	1.1	109
294	Prenatal particulate air pollution exposure and body composition in urban preschool children: Examining sensitive windows and sex-specific associations. Environmental Research, 2017, 158, 798-805.	3.7	56
295	Prenatal particulate matter exposure and wheeze in Mexican children. Annals of Allergy, Asthma and Immunology, 2017, 119, 232-237.e1.	0.5	41
296	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. American Journal of Human Genetics, 2017, 101, 888-902.	2.6	154
297	Association of air particulate pollution with bone loss over time and bone fracture risk: analysis of data from two independent studies. Lancet Planetary Health, The, 2017, 1, e337-e347.	5.1	96
298	miRNA processing gene polymorphisms, blood DNA methylation age and long-term ambient PM_{2.5} exposure in elderly men. Epigenomics, 2017, 9, 1529-1542.	1.0	15
299	Projections of temperature-related excess mortality under climate change scenarios. Lancet Planetary Health, The, 2017, 1, e360-e367.	5.1	497
300	Histone 3 modifications and blood pressure in the Beijing Truck Driver Air Pollution Study. Biomarkers, 2017, 22, 584-593.	0.9	16
301	Air Pollution and Mortality in the Medicare Population. New England Journal of Medicine, 2017, 376, 2513-2522.	13.9	1,038
302	Developing particle emission inventories using remote sensing (PEIRS). Journal of the Air and Waste Management Association, 2017, 67, 53-63.	0.9	4
303	Trends and spatial patterns of fine-resolution aerosol optical depthâ€“derived PM2.5 emissions in the Northeast United States from 2002 to 2013. Journal of the Air and Waste Management Association, 2017, 67, 64-74.	0.9	10
304	Association of Short-term Exposure to Air Pollution With Mortality in Older Adults. JAMA - Journal of the American Medical Association, 2017, 318, 2446.	3.8	449
305	Impact of Particulate Matter Exposure and Surrounding â€œGreennessâ€•on Chronic Absenteeism in Massachusetts Public Schools. International Journal of Environmental Research and Public Health, 2017, 14, 207.	1.2	42
306	Monte Carlo simulation-based estimation for the minimum mortality temperature in temperature-mortality association study. BMC Medical Research Methodology, 2017, 17, 137.	1.4	20

#	Article	IF	Citations
307	Estimating Causal Effects of Local Air Pollution on Daily Deaths: Effect of Low Levels. Environmental Health Perspectives, 2017, 125, 23-29.	2.8	83
308	Longer-Term Impact of High and Low Temperature on Mortality: An International Study to Clarify Length of Mortality Displacement. Environmental Health Perspectives, 2017, 125, 107009.	2.8	52
309	Estimated Effects of Future Atmospheric CO2 Concentrations on Protein Intake and the Risk of Protein Deficiency by Country and Region. Environmental Health Perspectives, 2017, 125, 087002.	2.8	119
310	Heat Wave and Mortality: A Multicountry, Multicommunity Study. Environmental Health Perspectives, 2017, 125, 087006.	2.8	320
311	Blood pressure and expression of microRNAs in whole blood. PLoS ONE, 2017, 12, e0173550.	1.1	12
312	Long-term PM _{2.5} Exposure and Neurological HospitalAdmissions in the Northeastern United States. Environmental Health Perspectives, 2016, 124, 23-29.	2.8	353
313	Estimating Causal Effects of Long-Term PM _{2.5} Exposure on Mortality in New Jersey. Environmental Health Perspectives, 2016, 124, 1182-1188.	2.8	124
314	Fine Particulate Matter, Residential Proximity to Major Roads, and Markers of Small Vessel Disease in a Memory Study Population. Journal of Alzheimer's Disease, 2016, 53, 1315-1323.	1.2	39
315	Long-Term Exposure to Air Pollution and Increased Risk of Membranous Nephropathy in China. Journal of the American Society of Nephrology: JASN, 2016, 27, 3739-3746.	3.0	316
316	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. Genome Biology, 2016, 17, 255.	3.8	251
317	On Negative Outcome Control of Unobserved Confounding as a Generalization of Difference-in-Differences. Statistical Science, 2016, 31, 348-361.	1.6	43
318	Assessing PM_{2.5} Exposures with High Spatiotemporal Resolution across the Continental United States. Environmental Science & Technology, 2016, 50, 4712-4721.	4.6	360
319	Wind turbines and idiopathic symptoms: The confounding effect of concurrent environmental exposures. Neurotoxicology and Teratology, 2016, 55, 50-57.	1.2	11
320	The Year of Ozone. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1077-1079.	2.5	15
321	Shortâ€Term Exposure to Air Pollution and Biomarkers of Oxidative Stress: The Framingham Heart Study. Journal of the American Heart Association, 2016, 5, .	1.6	109
322	Study on the association between ambient temperature and mortality using spatially resolved exposure data. Environmental Research, 2016, 151, 610-617.	3.7	76
323	APOE Îµ4 allele modifies the association of lead exposure with age-related cognitive decline in older individuals. Environmental Research, 2016, 151, 101-105.	3.7	10
324	Cognitive function and short-term exposure to residential air temperature: A repeated measures study based on spatiotemporal estimates of temperature. Environmental Research, 2016, 150, 446-451.	3.7	35

#	Article	IF	Citations
325	Delineation of body mass index trajectory predicting lowest risk ofÂmortality in U.S. men using generalized additive mixed model. Annals of Epidemiology, 2016, 26, 698-703.e2.	0.9	12
326	Residential Proximity to Major Roads, Exposure to Fine Particulate Matter, and Coronary Artery Calcium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1679-1685.	1.1	32
327	Long-term ambient particle exposures and blood DNA methylation age: findings from the VA normative aging study. Environmental Epigenetics, 2016, 2, dvw006.	0.9	68
328	Distributional changes in gene-specific methylation associated with temperature. Environmental Research, 2016, 150, 38-46.	3.7	14
329	Residential proximity to major roadways, fine particulate matter, and adiposity: The framingham heart study. Obesity, 2016, 24, 2593-2599.	1.5	55
330	Heat stroke admissions during heat waves in 1,916 US counties for the period from 1999 to 2010 and their effect modifiers. Environmental Health, 2016, 15, 83.	1.7	39
331	Chronic effects of temperature on mortality in the Southeastern USA using satellite-based exposure metrics. Scientific Reports, 2016, 6, 30161.	1.6	33
332	Dietary anthocyanin intake and age-related decline in lung function: longitudinal findings from the VA Normative Aging Study. American Journal of Clinical Nutrition, 2016, 103, 542-550.	2.2	29
333	Three Authors Reply. American Journal of Epidemiology, 2016, 183, 595-596.	1.6	0
334	CpGFilter: model-based CpG probe filtering with replicates for epigenome-wide association studies. Bioinformatics, 2016, 32, 469-471.	1.8	27
335	Changes in Susceptibility to Heat During the Summer: A Multicountry Analysis. American Journal of Epidemiology, 2016, 183, 1027-1036.	1.6	106
336	Air pollution exposure and gestational diabetes mellitus among pregnant women in Massachusetts: a cohort study. Environmental Health, 2016, 15, 40.	1.7	74
337	Estimating and projecting the effect of cold waves on mortality in 209 US cities. Environment International, 2016, 94, 141-149.	4.8	61
338	Prenatal and childhood traffic-related air pollution exposure and childhood executive function and behavior. Neurotoxicology and Teratology, 2016, 57, 60-70.	1.2	65
339	Prospective changes in global DNA methylation and cancer incidence and mortality. British Journal of Cancer, 2016, 115, 465-472.	2.9	41
340	Low-Concentration PM _{2.5} and Mortality: Estimating Acute and Chronic Effects in a Population-Based Study. Environmental Health Perspectives, 2016, 124, 46-52.	2.8	323
341	Spatio-temporal behavior of brightness temperature in Tel-Aviv and its application to air temperature monitoring. Environmental Pollution, 2016, 208, 153-160.	3.7	16
342	Traffic-Related Air Pollution, Blood Pressure, and Adaptive Response of Mitochondrial Abundance. Circulation, 2016, 133, 378-387.	1.6	77

#	Article	IF	Citations
343	Prenatal particulate air pollution and neurodevelopment in urban children: Examining sensitive windows and sex-specific associations. Environment International, 2016, 87, 56-65.	4.8	190
344	Psychological factors and DNA methylation of genes related to immune/inflammatory system markers: the VA Normative Aging Study. BMJ Open, 2016, 6, e009790.	0.8	45
345	Blood Epigenetic Age may Predict Cancer Incidence and Mortality. EBioMedicine, 2016, 5, 68-73.	2.7	162
346	A hybrid prediction model for PM2.5 mass and components using a chemical transport model and land use regression. Atmospheric Environment, 2016, 131, 390-399.	1.9	131
347	Vulnerability to renal, heat and respiratory hospitalizations during extreme heat among U.S. elderly. Climatic Change, 2016, 136, 631-645.	1.7	77
348	Long-term exposure to black carbon, cognition and single nucleotide polymorphisms in microRNA processing genes in older men. Environment International, 2016, 88, 86-93.	4.8	21
349	Estimating daily air temperature across the Southeastern United States using high-resolution satellite data: A statistical modeling study. Environmental Research, 2016, 146, 51-58.	3.7	58
350	Fine particles, genetic pathways, and markers of inflammation and endothelial dysfunction: Analysis on particulate species and sources. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 415-421.	1.8	41
351	Lifetime Exposure to Ambient Pollution and Lung Function in Children. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 881-888.	2.5	108
352	Acute effect of fine particulate matter on mortality in three Southeastern states from 2007â€“2011. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 173-179.	1.8	30
353	Spatiotemporal prediction of fine particulate matter using high-resolution satellite images in the Southeastern US 2003â€“2011. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 377-384.	1.8	78
354	Ambient air pollution, lung function, and airway responsiveness in asthmatic children. Journal of Allergy and Clinical Immunology, 2016, 137, 390-399.	1.5	119
355	Air pollution influences on exhaled nitric oxide among people with type II diabetes. Air Quality, Atmosphere and Health, 2016, 9, 265-273.	1.5	10
356	Lead-Related Genetic Loci, Cumulative Lead Exposure and Incident Coronary Heart Disease: The Normative Aging Study. PLoS ONE, 2016, 11, e0161472.	1.1	29
357	DNA methylation-based measures of biological age: meta-analysis predicting time to death. Aging, 2016, 8, 1844-1865.	1.4	786
358	Long-term exposure to air pollution is associated with biological aging. Oncotarget, 2016, 7, 74510-74525.	0.8	126
359	Daily air pollution exposures over large geographical areas. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
360	Ambient particulate matter and microRNAs in extracellular vesicles: a pilot study of older individuals. Particle and Fibre Toxicology, 2015, 13, 13.	2.8	96

#	Article	IF	Citations
361	The Impact of Multi-pollutant Clusters on the Association between Fine Particulate Air Pollution and Microvascular Function. Epidemiology, 2015, 27, 1.	1.2	12
362	Exposure to sub-chronic and long-term particulate air pollution and heart rate variability in an elderly cohort: the Normative Aging Study. Environmental Health, 2015, 14, 87.	1.7	45
363	The impact of weather changes on air quality and health in the United States in 1994â€“2012. Environmental Research Letters, 2015, 10, 084009.	2.2	62
364	Individual Effect Modifiers of Dust Exposure Effect on Cardiovascular Morbidity. PLoS ONE, 2015, 10, e0137714.	1.1	51
365	Temporal Variation in Heatâ€“Mortality Associations: A Multicountry Study. Environmental Health Perspectives, 2015, 123, 1200-1207.	2.8	326
366	Mortality risk attributable to high and low ambient temperature: a multicountry observational study. Lancet, The, 2015, 386, 369-375.	6.3	1,676
367	Changing patterns of the temperatureâ€“mortality association by time and location in the US, and implications for climate change. Environment International, 2015, 81, 80-86.	4.8	78
368	Associations between air pollution and perceived stress: the Veterans Administration Normative Aging Study. Environmental Health, 2015, 14, 10.	1.7	65
369	Effect modification by vitamin D receptor genetic polymorphisms in the association between cumulative lead exposure and pulse pressure: a longitudinal study. Environmental Health, 2015, 14, 5.	1.7	14
370	Projections of temperature-attributable premature deaths in 209 U.S. cities using a cluster-based Poisson approach. Environmental Health, 2015, 14, 85.	1.7	63
371	Associations between prenatal traffic-related air pollution exposure and birth weight: Modification by sex and maternal pre-pregnancy body mass index. Environmental Research, 2015, 137, 268-277.	3.7	95
372	The effect of oxidative stress polymorphisms on the association between long-term black carbon exposure and lung function among elderly men. Thorax, 2015, 70, 133-137.	2.7	18
373	Can air pollution trigger an onset of atrial fibrillation: a population-based study. Air Quality, Atmosphere and Health, 2015, 8, 413-420.	1.5	8
374	Using High-Resolution Satellite Aerosol Optical Depth To Estimate Daily PM_{2.5} Geographical Distribution in Mexico City. Environmental Science & Technology, 2015, 49, 8576-8584.	4.6	165
375	Weather and triggering of ventricular arrhythmias in patients with implantable cardioverter-defibrillators. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 175-181.	1.8	20
376	Characterization of particulate matter 2.5 in an urban tertiary care hospital in the Philippines. Building and Environment, 2015, 92, 432-439.	3.0	22
377	Impacts of temperature and its variability on mortality in New England. Nature Climate Change, 2015, 5, 988-991.	8.1	146
378	Response to comments by Mage regarding â€œIs daily mortality associated specifically with fine particles?â€. Journal of the Air and Waste Management Association, 2015, 65, 514-514.	0.9	0

#	Article	IF	Citations
379	Back-Extrapolating a Land Use Regression Model for Estimating Past Exposures to Traffic-Related Air Pollution. Environmental Science & Technology, 2015, 49, 3603-3610.	4.6	40
380	Blood Telomere Length Attrition and Cancer Development in the Normative Aging Study Cohort. EBioMedicine, 2015, 2, 591-596.	2.7	62
381	Long-Term Exposure to Fine Particulate Matter, Residential Proximity to Major Roads and Measures of Brain Structure. Stroke, 2015, 46, 1161-1166.	1.0	198
382	Cardiac Autonomic Dysfunction: Particulate Air Pollution Effects Are Modulated by Epigenetic Immunoregulation of Tollâ€like Receptor 2 and Dietary Flavonoid Intake. Journal of the American Heart Association, 2015, 4, e001423.	1.6	40
383	DNA methylation age of blood predicts all-cause mortality in later life. Genome Biology, 2015, 16, 25.	3.8	928
384	US power plant carbon standards and clean air and health co-benefits. Nature Climate Change, 2015, 5, 535-540.	8.1	160
385	Exposure to traffic and early life respiratory infection: A cohort study. Pediatric Pulmonology, 2015, 50, 252-259.	1.0	31
386	Altered miRNA expression in the cervix during pregnancy associated with lead and mercury exposure. Epigenomics, 2015, 7, 885-896.	1.0	53
387	Winter season mortality: will climate warming bring benefits?. Environmental Research Letters, 2015, 10, 064016.	2.2	91
388	Estimating daily PM 2.5 and PM 10 across the complex geo-climate region of Israel using MAIAC satellite-based AOD data. Atmospheric Environment, 2015, 122, 409-416.	1.9	130
389	Longitudinal Study of DNA Methylation of Inflammatory Genes and Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 1531-1538.	1.1	26
390	Estimating Causal Associations of Fine Particles With Daily Deaths in Boston: Table 1.. American Journal of Epidemiology, 2015, 182, 644-650.	1.6	46
391	Traffic-related air pollution and sleep in the Boston Area Community Health Survey. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 451-456.	1.8	54
392	Cardiorespiratory treatments as modifiers of the relationship between particulate matter and health: A case-only analysis on hospitalized patients in Italy. Environmental Research, 2015, 136, 491-499.	3.7	7
393	Consequences of kriging and land use regression for PM2.5 predictions in epidemiologic analyses: insights into spatial variability using high-resolution satellite data. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 138-144.	1.8	62
394	Ozone trends and their relationship to characteristic weather patterns. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 532-542.	1.8	21
395	Climate change impacts on extreme temperature mortality in select metropolitan areas in the United States. Climatic Change, 2015, 131, 83-95.	1.7	45
396	Associations between Changes in City and Address Specific Temperature and QT Interval - The VA Normative Aging Study. PLoS ONE, 2014, 9, e106258.	1.1	14

#	Article	IF	Citations
397	Association between length of gestation and cervical DNA methylation ofPTGER2and LINE 1-HS. Epigenetics, 2014, 9, 1083-1091.	1.3	29
398	Air pollution exposure and lung function in highly exposed subjects in Beijing, China: a repeated-measure study. Particle and Fibre Toxicology, 2014, 11, 51.	2.8	76
399	The impact of source contribution uncertainty on the effects of source-specific PM2.5 on hospital admissions: A case study in Boston, MA. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 365-371.	1.8	44
400	Air pollution and gene-specific methylation in the Normative Aging Study. Epigenetics, 2014, 9, 448-458.	1.3	159
401	Heat, Heat Waves, and Hospital Admissions among the Elderly in the United States, 1992â€“2006. Environmental Health Perspectives, 2014, 122, 1187-1192.	2.8	201
402	Short-Term Changes in Ambient Temperature and Risk of Ischemic Stroke. Cerebrovascular Diseases Extra, 2014, 4, 9-18.	0.5	55
403	Isolated and synergistic effects of PM10 and average temperature on cardiovascular and respiratory mortality. Revista De Saude Publica, 2014, 48, 881-888.	0.7	42
404	Lead exposure and rate of change in cognitive function in older women. Environmental Research, 2014, 129, 69-75.	3.7	36
405	Relation of Long-Term Exposure to Air Pollution to Brachial Artery Flow-Mediated Dilation and Reactive Hyperemia. American Journal of Cardiology, 2014, 113, 2057-2063.	0.7	50
406	Pessimistic orientation in relation to telomere length in older men: The VA Normative Aging Study. Psychoneuroendocrinology, 2014, 42, 68-76.	1.3	26
407	Increasing CO2 threatens human nutrition. Nature, 2014, 510, 139-142.	13.7	1,024
408	A new hybrid spatio-temporal model for estimating daily multi-year PM2.5 concentrations across northeastern USA using high resolution aerosol optical depth data. Atmospheric Environment, 2014, 95, 581-590.	1.9	259
409	Respiratory and sensory irritation symptoms among residents exposed to low-to-moderate air pollution from biodegradable wastes. Journal of Exposure Science and Environmental Epidemiology, 2014, 24, 388-397.	1.8	29
410	Health effects of multi-pollutant profiles. Environment International, 2014, 71, 13-19.	4.8	67
411	Effect of atmospheric mixing layer depth variations on urban air quality and daily mortality during Saharan dust outbreaks. Science of the Total Environment, 2014, 494-495, 283-289.	3.9	61
412	High resolution aerosol data from MODIS satellite for urban air quality studies. Open Geosciences, 2014, 6, .	0.6	17
413	What is the impact of systematically missing exposure data on air pollution health effect estimates?. Air Quality, Atmosphere and Health, 2014, 7, 415-420.	1.5	5
414	The impact of desert dust exposures on hospitalizations due to exacerbation of chronic obstructive pulmonary disease. Air Quality, Atmosphere and Health, 2014, 7, 433-439.	1.5	64

#	Article	IF	Citations
415	What weather variables are important in predicting heat-related mortality? A new application of statistical learning methods. Environmental Research, 2014, 132, 350-359.	3.7	94
416	Effects of prenatal community violence and ambient air pollution on childhood wheeze in an urban population. Journal of Allergy and Clinical Immunology, 2014, 133, 713-722.e4.	1.5	78
417	Drinking water quality and hospital admissions of elderly people for gastrointestinal illness in Eastern Massachusetts, 1998â€“2008. Water Research, 2014, 52, 188-198.	5.3	33
418	Predicting spatiotemporal mean air temperature using MODIS satellite surface temperature measurements across the Northeastern USA. Remote Sensing of Environment, 2014, 150, 132-139.	4.6	146
419	Nonlinear predictive latent process models for integrating spatio-temporal exposure data from multiple sources. Annals of Applied Statistics, 2014, 8, 1538-1560.	0.5	7
420	Short Term Effects of Particle Exposure on Hospital Admissions in the Mid-Atlantic States: A Population Estimate. PLoS ONE, 2014, 9, e88578.	1.1	87
421	A Novel Genetic Score Approach Using Instruments to Investigate Interactions between Pathways and Environment: Application to Air Pollution. PLoS ONE, 2014, 9, e96000.	1.1	30
422	The Association of Meningococcal Disease with Influenza in the United States, 1989â€“2009. PLoS ONE, 2014, 9, e107486.	1.1	45
423	Long-term Exposure to Black Carbon and Carotid Intima-Media Thickness: The Normative Aging Study. Environmental Health Perspectives, 2013, 121, 1061-1067.	2.8	67
424	Temperature, Myocardial Infarction, and Mortality. Epidemiology, 2013, 24, 439-446.	1.2	133
425	Heatwaves and mortality in Ireland, planning for the future. Irish Geography, 2013, 46, 203-211.	0.2	9
426	Association between long-term exposure to traffic particles and blood pressure in the Veterans Administration Normative Aging Study. Occupational and Environmental Medicine, 2012, 69, 422-427.	1.3	81
427	Incorporating Local Land Use Regression And Satellite Aerosol Optical Depth In A Hybrid Model Of Spatiotemporal PM_{2.5} Exposures In The Mid-Atlantic States. Environmental Science & Technology, 2012, 46, 11913-11921.	4.6	217
428	Residential exposure to outdoor air pollution from livestock operations and perceived annoyance among citizens. Environment International, 2012, 40, 44-50.	4.8	53
429	Long-term exposure to traffic-related PM10 and decreased heart rate variability: Is the association restricted to subjects taking ACE inhibitors?. Environment International, 2012, 48, 9-16.	4.8	17
430	Exploring Potential Sources of Differential Vulnerability and Susceptibility in Risk From Environmental Hazards to Expand the Scope of Risk Assessment. American Journal of Public Health, 2011, 101, S94-S101.	1.5	38
431	Expanding the Scope of Environmental Risk Assessment to Better Include Differential Vulnerability and Susceptibility. American Journal of Public Health, 2011, 101, S88-S93.	1.5	31
432	Expanding the Scope of Risk Assessment: Methods of Studying Differential Vulnerability and Susceptibility. American Journal of Public Health, 2011, 101, S102-S109.	1.5	17

#	Article	IF	Citations
433	Assessing temporally and spatially resolved PM2.5 exposures for epidemiological studies using satellite aerosol optical depth measurements. Atmospheric Environment, 2011, 45, 6267-6275.	1.9	303
434	Repetitive element hypomethylation in blood leukocyte DNA and cancer incidence, prevalence, and mortality in elderly individuals: the Normative Aging Study. Cancer Causes and Control, 2011, 22, 437-447.	0.8	74
435	Ozone and Survival in Four Cohorts with Potentially Predisposing Diseases. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 836-841.	2.5	82
436	US local action on heat and health: are we prepared for climate change?. International Journal of Public Health, 2010, 55, 105-112.	2.7	36
437	Baseline Repeated Measures from Controlled Human Exposure Studies: Associations between Ambient Air Pollution Exposure and the Systemic Inflammatory Biomarkers IL-6 and Fibrinogen. Environmental Health Perspectives, 2010, 118, 120-124.	2.8	125
438	Repetitive element DNA methylation and circulating endothelial and inflammation markers in the VA normative aging study. Epigenetics, 2010, 5, 222-228.	1.3	106
439	Environmental Particulate Matter and Genetic Alterations: Tarantini et al. Respond. Environmental Health Perspectives, 2009, 117, .	2.8	0
440	Environmental Cadmium: Arora et al. Respond. Environmental Health Perspectives, 2009, 117, .	2.8	2
441	The Effect of Dose and Timing of Dose on the Association between Airborne Particles and Survival. Environmental Health Perspectives, 2008, 116, 64-69.	2.8	181
442	Secondary Sulfate Effects: Schwartz Responds. Environmental Health Perspectives, 2007, 115, .	2.8	1
443	Infant Mental Development Index: Hu et al. Respond. Environmental Health Perspectives, 2007, 115, .	2.8	0
444	Effects of exposure measurement error on particle matter epidemiology: a simulation using data from a panel study in Baltimore, MD. Journal of Exposure Science and Environmental Epidemiology, 2007, 17, S2-S10.	1.8	41
445	The Effect of Ozone and PM10 on Hospital Admissions for Pneumonia and Chronic Obstructive Pulmonary Disease: A National Multicity Study. American Journal of Epidemiology, 2006, 163, 579-588.	1.6	381
446	Modifying Effects of GST Polymorphisms on the Lead and Cognitive Function Association. American Journal of Epidemiology, 2006, 163, S117-S117.	1.6	0
447	Prospective Study of Lead and Psychiatric Symptoms and the Modifying Influence of the Î´-Aminolevulinic Acid Dehydratase (ALAD) Polymorphism: The Normative Aging Study. American Journal of Epidemiology, 2006, 163, S238-S238.	1.6	0
448	The Effects of Air Pollution on Hospitalizations for Cardiovascular Diseasein Elderly People in Australian and New Zealand Cities. Environmental Health Perspectives, 2006, 114, 1018-1023.	2.8	248
449	Short-term effects of nitrogen dioxide on mortality: an analysis within the APHEA project. European Respiratory Journal, 2006, 27, 1129-1138.	3.1	261
450	Invited Commentary: Ripeness Is All. American Journal of Epidemiology, 2006, 164, 434-436.	1.6	5

#	Article	IF	Citations
451	Long-term effects of exposure to particulate air pollution. Clinics in Occupational and Environmental Medicine, 2006, 5, 837-48.	0.5	8
452	Pesticides and Health Effects: Karpati et al. Respond. Environmental Health Perspectives, 2005, 113, .	2.8	0
453	181: Inflammatory Markers and Air Pollution: Characterizing the Pathway to Disease. American Journal of Epidemiology, 2005, 161, S46-S46.	1.6	0
454	186-S: Modifying Effects of the Hemochromatosis Variants on Lead Burden and Cognitive Decline. American Journal of Epidemiology, 2005, 161, S47-S47.	1.6	0
455	183: Î”-Aminolevulinic Acid Dehydratase Variant, Lead Exposure and Cognition in Older Men. American Journal of Epidemiology, 2005, 161, S46-S46.	1.6	0
456	Glutathione-S-Transferase M1, Obesity, Statins, and Autonomic Effects of Particles. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1529-1533.	2.5	184
457	How Sensitive Is the Association between Ozone and Daily Deaths to Control for Temperature?. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 627-631.	2.5	111
458	Who is Sensitive to Extremes of Temperature?. Epidemiology, 2005, 16, 67-72.	1.2	324
459	Traffic related pollution and heart rate variability in a panel of elderly subjects. Thorax, 2005, 60, 455-461.	2.7	254
460	Alert Threshold Algorithms and Malaria Epidemic Detection. Emerging Infectious Diseases, 2004, 10, 1220-1226.	2.0	45
461	Acute Effects of Ozone on Mortality from the â€œAir Pollution and Health. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1080-1087.	2.5	397
462	Is the association of airborne particles with daily deaths confounded by gaseous air pollutants? An approach to control by matching.. Environmental Health Perspectives, 2004, 112, 557-561.	2.8	56
463	The effects of particulate air pollution on daily deaths: a multi-city case crossover analysis. Occupational and Environmental Medicine, 2004, 61, 956-961.	1.3	116
464	Hierarchical bivariate time series models: a combined analysis of the effects of particulate matter on morbidity and mortality. Biostatistics, 2004, 5, 341-360.	0.9	17
465	Hospital Admissions for Heart Disease. Epidemiology, 2004, 15, 755-761.	1.2	285
466	Analysis of health outcome time series data in epidemiological studies. Environmetrics, 2004, 15, 101-117.	0.6	88
467	Air Pollution and Childrenâ€™s Health. Pediatrics, 2004, 113, 1037-1043.	1.0	480
468	Air pollution and children's health. Pediatrics, 2004, 113, 1037-43.	1.0	350

#	Article	IF	Citations
469	Control for confounding in the presence of measurement error in hierarchical models. Biostatistics, 2003, 4, 539-553.	0.9	27
470	Modifiers of the Temperature and Mortality Association in Seven US Cities. American Journal of Epidemiology, 2003, 157, 1074-1082.	1.6	455
471	The Use of Epidemiology in Environmental Risk Assessment. Human and Ecological Risk Assessment (HERA), 2002, 8, 1253-1265.	1.7	4
472	Predictors of Methacholine Responsiveness in a General Population. Chest, 2002, 122, 812-820.	0.4	57
473	The concentration-response relation between PM(2.5) and daily deaths.. Environmental Health Perspectives, 2002, 110, 1025-1029.	2.8	333
474	Air pollution and blood markers of cardiovascular risk.. Environmental Health Perspectives, 2001, 109, 405-409.	2.8	272
475	The concentration-response relation between air pollution and daily deaths.. Environmental Health Perspectives, 2001, 109, 1001-1006.	2.8	77
476	Association of Heart Rate Variability With Occupational and Environmental Exposure to Particulate Air Pollution. Circulation, 2001, 104, 986-991.	1.6	223
477	Health effects of air pollution exposure on children and adolescents in SÃ£o Paulo, Brazil. Pediatric Pulmonology, 2001, 31, 106-113.	1.0	157
478	Association of environmental tobacco smoke at work and forced expiratory lung function among never smoking asthmatics and non-asthmatics. International Journal of Public Health, 2000, 45, 208-217.	2.7	24
479	Exposure measurement error in time-series studies of air pollution: concepts and consequences.. Environmental Health Perspectives, 2000, 108, 419-426.	2.8	965
480	Assessing confounding, effect modification, and thresholds in the association between ambient particles and daily deaths.. Environmental Health Perspectives, 2000, 108, 563-568.	2.8	147
481	Harvesting and Long Term Exposure Effects in the Relation between Air Pollution and Mortality. American Journal of Epidemiology, 2000, 151, 440-448.	1.6	286
482	Respiratory Effects of Environmental Tobacco Smoke in a Panel Study of Asthmatic and Symptomatic Children. American Journal of Respiratory and Critical Care Medicine, 2000, 161, 802-806.	2.5	78
483	Drinking water turbidity and gastrointestinal illness in the elderly of Philadelphia. Journal of Epidemiology and Community Health, 2000, 54, 45-51.	2.0	104
484	Daily deaths are associated with combustion particles rather than SO2 in Philadelphia. Occupational and Environmental Medicine, 2000, 57, 692-697.	1.3	23
485	Association between psychosocial work characteristics and health functioning in American women: prospective study. BMJ: British Medical Journal, 2000, 320, 1432-1436.	2.4	277
486	Generalized additive distributed lag models: quantifying mortality displacement. Biostatistics, 2000, 1, 279-292.	0.9	246

#	Article	IF	Citations
487	Transitional Regression Models, with Application to Environmental Time Series. Journal of the American Statistical Association, 2000, 95, 16-27.	1.8	133
488	The Distributed Lag between Air Pollution and Daily Deaths. Epidemiology, 2000, 11, 320-326.	1.2	495
489	Episodes of high coarse particle concentrations are not associated with increased mortality.. Environmental Health Perspectives, 1999, 107, 339-342.	2.8	177
490	Air Pollution and Cause-Specific Mortality in Milan, Italy, 1980â€“1989. Archives of Environmental Health, 1999, 54, 158-164.	0.4	71
491	Air pollution and hospital admissions for heart disease in eight U.S. counties. Epidemiology, 1999, 10, 17-22.	1.2	95
492	Short-Term Effects of Air Pollution on Hospital Admissions of Respiratory Diseases in Europe: A Quantitative Summary of APHEA Study Results. Archives of Environmental Health, 1998, 53, 54-64.	0.4	158
493	Pulmonary Function Levels as Predictors of Mortality in a National Sample of US Adults. American Journal of Epidemiology, 1998, 147, 1011-1018.	1.6	103
494	Chronic Respiratory Symptoms, Skin Test Results, and Lung Function as Predictors of Peak Flow Variability. American Journal of Respiratory and Critical Care Medicine, 1997, 156, 776-782.	2.5	22
495	Effects of Ambient Particulate Matter and Ozone on Daily Mortality in Rotterdam, the Netherlands. Archives of Environmental Health, 1997, 52, 455-463.	0.4	108
496	Short-term Effects of Ambient Oxidant Exposure on Mortality: A Combined Analysis within the APHEA Project. American Journal of Epidemiology, 1997, 146, 177-185.	1.6	205
497	Air Pollution and Hospital Admissions for Respiratory Disease. Epidemiology, 1996, 7, 20-28.	1.2	328
498	Methodological issues in studies of air pollution and daily counts of deaths or hospital admissions.. Journal of Epidemiology and Community Health, 1996, 50, S3-11.	2.0	327
499	Is daily mortality associated specifically with fine particles?. Journal of the Air and Waste Management Association, 1996, 46, 927-39.	0.9	170
500	Relationship of skin test reactivity to decrements in pulmonary function in children with asthma or frequent wheezing.. American Journal of Respiratory and Critical Care Medicine, 1995, 152, 2176-2180.	2.5	51
501	Short term fluctuations in air pollution and hospital admissions of the elderly for respiratory disease.. Thorax, 1995, 50, 531-538.	2.7	172
502	Lead, Blood Pressure, and Cardiovascular Disease in Men. Archives of Environmental Health, 1995, 50, 31-37.	0.4	140
503	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. Inhalation Toxicology, 1995, 7, 1-18.	0.8	646
504	Total suspended particulate matter and daily mortality in Cincinnati, Ohio.. Environmental Health Perspectives, 1994, 102, 186-189.	2.8	94

#	Article	IF	Citations
505	PM₁₀Ozone, and Hospital Admissions for the Elderly in Minneapolis-St. Paul, Minnesota. Archives of Environmental Health, 1994, 49, 366-374.	0.4	162
506	Air pollution and hospital admissions for the elderly in Detroit, Michigan.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 648-655.	2.5	218
507	What Are People Dying of on High Air Pollution Days?. Environmental Research, 1994, 64, 26-35.	3.7	379
508	Air Pollution and Daily Mortality: A Review and Meta Analysis. Environmental Research, 1994, 64, 36-52.	3.7	785
509	Low-Level Lead Exposure and Childrenâ€²s IQ: A Metaanalysis and Search for a Threshold. Environmental Research, 1994, 65, 42-55.	3.7	583
510	The relationship of dietary fish intake to level of pulmonary function in the first National Health and Nutrition Survey (NHANES I). European Respiratory Journal, 1994, 7, 1821-1824.	3.1	107
511	Beyond LOEL's, p values, and vote counting: methods for looking at the shapes and strengths of associations. NeuroToxicology, 1993, 14, 237-46.	1.4	33
512	Alternative Pathways of T-Cell Activation and Positive Clonal Selection. Immunological Reviews, 1990, 116, 85-100.	2.8	3
513	Air Pollution and Morbidity: A Further Analysis of the Los Angeles Student Nurses Data. Japca, 1988, 38, 158-162.	0.3	15
514	The relationship between blood lead and blood pressure in the NHANES II survey.. Environmental Health Perspectives, 1988, 78, 15-22.	2.8	71
515	Transitional Regression Models, with Application to Environmental Time Series. , 0, .		33