

Joel D Schwartz

List of Publications by Year in descending order

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Version: 2024-02-01

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	Mortality risk attributable to high and low ambient temperature: a multicountry observational study. <i>Lancet, The</i> , 2015, 386, 369-375.	6.3	1,676
2	Air Pollution and Mortality in the Medicare Population. <i>New England Journal of Medicine</i> , 2017, 376, 2513-2522.	13.9	1,038
3	Increasing CO2 threatens human nutrition. <i>Nature</i> , 2014, 510, 139-142.	13.7	1,024
4	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. <i>New England Journal of Medicine</i> , 2019, 381, 705-715.	13.9	978
5	Exposure measurement error in time-series studies of air pollution: concepts and consequences.. <i>Environmental Health Perspectives</i> , 2000, 108, 419-426.	2.8	965
6	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015, 16, 25.	3.8	928
7	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016, 8, 1844-1865.	1.4	786
8	Air Pollution and Daily Mortality: A Review and Meta Analysis. <i>Environmental Research</i> , 1994, 64, 36-52.	3.7	785
9	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. <i>Inhalation Toxicology</i> , 1995, 7, 1-18.	0.8	646
10	Low-Level Lead Exposure and Children's IQ: A Metaanalysis and Search for a Threshold. <i>Environmental Research</i> , 1994, 65, 42-55.	3.7	583
11	Projections of temperature-related excess mortality under climate change scenarios. <i>Lancet Planetary Health, The</i> , 2017, 1, e360-e367.	5.1	497
12	The Distributed Lag between Air Pollution and Daily Deaths. <i>Epidemiology</i> , 2000, 11, 320-326.	1.2	495
13	Air Pollution and Children's Health. <i>Pediatrics</i> , 2004, 113, 1037-1043.	1.0	480
14	Modifiers of the Temperature and Mortality Association in Seven US Cities. <i>American Journal of Epidemiology</i> , 2003, 157, 1074-1082.	1.6	455
15	Association of Short-term Exposure to Air Pollution With Mortality in Older Adults. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2446.	3.8	449
16	The burden of heat-related mortality attributable to recent human-induced climate change. <i>Nature Climate Change</i> , 2021, 11, 492-500.	8.1	400
17	Acute Effects of Ozone on Mortality from the "Air Pollution and Health. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 1080-1087.	2.5	397
18	Global mortality from outdoor fine particle pollution generated by fossil fuel combustion: Results from GEOS-Chem. <i>Environmental Research</i> , 2021, 195, 110754.	3.7	391

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19	The Effect of Ozone and PM10 on Hospital Admissions for Pneumonia and Chronic Obstructive Pulmonary Disease: A National Multicity Study. <i>American Journal of Epidemiology</i> , 2006, 163, 579-588.	1.6	381
20	What Are People Dying of on High Air Pollution Days?. <i>Environmental Research</i> , 1994, 64, 26-35.	3.7	379
21	An ensemble-based model of PM2.5 concentration across the contiguous United States with high spatiotemporal resolution. <i>Environment International</i> , 2019, 130, 104909.	4.8	370
22	Assessing PM _{2.5} Exposures with High Spatiotemporal Resolution across the Continental United States. <i>Environmental Science & Technology</i> , 2016, 50, 4712-4721.	4.6	360
23	Long-term PM _{2.5} Exposure and Neurological Hospital Admissions in the Northeastern United States. <i>Environmental Health Perspectives</i> , 2016, 124, 23-29.	2.8	353
24	Air pollution and children's health. <i>Pediatrics</i> , 2004, 113, 1037-43.	1.0	350
25	The concentration-response relation between PM(2.5) and daily deaths.. <i>Environmental Health Perspectives</i> , 2002, 110, 1025-1029.	2.8	333
26	Air Pollution and Hospital Admissions for Respiratory Disease. <i>Epidemiology</i> , 1996, 7, 20-28.	1.2	328
27	Methodological issues in studies of air pollution and daily counts of deaths or hospital admissions.. <i>Journal of Epidemiology and Community Health</i> , 1996, 50, S3-11.	2.0	327
28	Temporal Variation in Heat-Related Mortality Associations: A Multicountry Study. <i>Environmental Health Perspectives</i> , 2015, 123, 1200-1207.	2.8	326
29	Who is Sensitive to Extremes of Temperature?. <i>Epidemiology</i> , 2005, 16, 67-72.	1.2	324
30	Low-Concentration PM _{2.5} and Mortality: Estimating Acute and Chronic Effects in a Population-Based Study. <i>Environmental Health Perspectives</i> , 2016, 124, 46-52.	2.8	323
31	Heat Wave and Mortality: A Multicountry, Multicommunity Study. <i>Environmental Health Perspectives</i> , 2017, 125, 087006.	2.8	320
32	Long-Term Exposure to Air Pollution and Increased Risk of Membranous Nephropathy in China. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3739-3746.	3.0	316
33	Assessing temporally and spatially resolved PM2.5 exposures for epidemiological studies using satellite aerosol optical depth measurements. <i>Atmospheric Environment</i> , 2011, 45, 6267-6275.	1.9	303
34	Harvesting and Long Term Exposure Effects in the Relation between Air Pollution and Mortality. <i>American Journal of Epidemiology</i> , 2000, 151, 440-448.	1.6	286
35	Hospital Admissions for Heart Disease. <i>Epidemiology</i> , 2004, 15, 755-761.	1.2	285
36	Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. <i>Lancet Planetary Health</i> , The, 2021, 5, e415-e425.	5.1	284

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37	Association between psychosocial work characteristics and health functioning in American women: prospective study. <i>BMJ: British Medical Journal</i> , 2000, 320, 1432-1436.	2.4	277
38	Air pollution and blood markers of cardiovascular risk.. <i>Environmental Health Perspectives</i> , 2001, 109, 405-409.	2.8	272
39	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. <i>ELife</i> , 2020, 9, .	2.8	268
40	Short-term effects of nitrogen dioxide on mortality: an analysis within the APHEA project. <i>European Respiratory Journal</i> , 2006, 27, 1129-1138.	3.1	261
41	A new hybrid spatio-temporal model for estimating daily multi-year PM2.5 concentrations across northeastern USA using high resolution aerosol optical depth data. <i>Atmospheric Environment</i> , 2014, 95, 581-590.	1.9	259
42	Traffic related pollution and heart rate variability in a panel of elderly subjects. <i>Thorax</i> , 2005, 60, 455-461.	2.7	254
43	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , 2016, 17, 255.	3.8	251
44	The Effects of Air Pollution on Hospitalizations for Cardiovascular Disease in Elderly People in Australian and New Zealand Cities. <i>Environmental Health Perspectives</i> , 2006, 114, 1018-1023.	2.8	248
45	Generalized additive distributed lag models: quantifying mortality displacement. <i>Biostatistics</i> , 2000, 1, 279-292.	0.9	246
46	Quantifying excess deaths related to heatwaves under climate change scenarios: A multicountry time series modelling study. <i>PLoS Medicine</i> , 2018, 15, e1002629.	3.9	232
47	Association of Heart Rate Variability With Occupational and Environmental Exposure to Particulate Air Pollution. <i>Circulation</i> , 2001, 104, 986-991.	1.6	223
48	Air pollution and hospital admissions for the elderly in Detroit, Michigan.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1994, 150, 648-655.	2.5	218
49	Acute effects of fine particulate matter constituents on mortality: A systematic review and meta-regression analysis. <i>Environment International</i> , 2017, 109, 89-100.	4.8	218
50	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. <i>Environmental Science & Technology</i> , 2012, 46, 11913-11921.	4.6	217
51	DunedinPACE, a DNA methylation biomarker of the pace of aging. <i>ELife</i> , 2022, 11, .	2.8	214
52	Short-term Effects of Ambient Oxidant Exposure on Mortality: A Combined Analysis within the APHEA Project. <i>American Journal of Epidemiology</i> , 1997, 146, 177-185.	1.6	205
53	The concentration-response between long-term PM2.5 exposure and mortality; A meta-regression approach. <i>Environmental Research</i> , 2018, 166, 677-689.	3.7	205
54	Heat, Heat Waves, and Hospital Admissions among the Elderly in the United States, 1992â€“2006. <i>Environmental Health Perspectives</i> , 2014, 122, 1187-1192.	2.8	201

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55	Long-Term Exposure to Fine Particulate Matter, Residential Proximity to Major Roads and Measures of Brain Structure. <i>Stroke</i> , 2015, 46, 1161-1166.	1.0	198
56	Prenatal particulate air pollution and neurodevelopment in urban children: Examining sensitive windows and sex-specific associations. <i>Environment International</i> , 2016, 87, 56-65.	4.8	190
57	Glutathione-S-Transferase M1, Obesity, Statins, and Autonomic Effects of Particles. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1529-1533.	2.5	184
58	The Effect of Dose and Timing of Dose on the Association between Airborne Particles and Survival. <i>Environmental Health Perspectives</i> , 2008, 116, 64-69.	2.8	181
59	Episodes of high coarse particle concentrations are not associated with increased mortality.. <i>Environmental Health Perspectives</i> , 1999, 107, 339-342.	2.8	177
60	Urban Air Pollution May Enhance COVID-19 Case-Fatality and Mortality Rates in the United States. <i>Innovation(China)</i> , 2020, 1, 100047.	5.2	177
61	Short term fluctuations in air pollution and hospital admissions of the elderly for respiratory disease.. <i>Thorax</i> , 1995, 50, 531-538.	2.7	172
62	Is daily mortality associated specifically with fine particles?. <i>Journal of the Air and Waste Management Association</i> , 1996, 46, 927-39.	0.9	170
63	Using High-Resolution Satellite Aerosol Optical Depth To Estimate Daily PM _{2.5} Geographical Distribution in Mexico City. <i>Environmental Science & Technology</i> , 2015, 49, 8576-8584.	4.6	165
64	PM ₁₀ Ozone, and Hospital Admissions for the Elderly in Minneapolis-St. Paul, Minnesota. <i>Archives of Environmental Health</i> , 1994, 49, 366-374.	0.4	162
65	Blood Epigenetic Age may Predict Cancer Incidence and Mortality. <i>EBioMedicine</i> , 2016, 5, 68-73.	2.7	162
66	US power plant carbon standards and clean air and health co-benefits. <i>Nature Climate Change</i> , 2015, 5, 535-540.	8.1	160
67	Air pollution and gene-specific methylation in the Normative Aging Study. <i>Epigenetics</i> , 2014, 9, 448-458.	1.3	159
68	Short-Term Effects of Air Pollution on Hospital Admissions of Respiratory Diseases in Europe: A Quantitative Summary of APHEA Study Results. <i>Archives of Environmental Health</i> , 1998, 53, 54-64.	0.4	158
69	Health effects of air pollution exposure on children and adolescents in São Paulo, Brazil. <i>Pediatric Pulmonology</i> , 2001, 31, 106-113.	1.0	157
70	Assessing NO ₂ Concentration and Model Uncertainty with High Spatiotemporal Resolution across the Contiguous United States Using Ensemble Model Averaging. <i>Environmental Science & Technology</i> , 2020, 54, 1372-1384.	4.6	155
71	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017, 101, 888-902.	2.6	154
72	Blood Leukocyte DNA Methylation Predicts Risk of Future Myocardial Infarction and Coronary Heart Disease. <i>Circulation</i> , 2019, 140, 645-657.	1.6	151

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73	Long-term effects of PM _{2.5} on neurological disorders in the American Medicare population: a longitudinal cohort study. <i>Lancet Planetary Health</i> , The, 2020, 4, e557-e565.	5.1	151
74	Assessing confounding, effect modification, and thresholds in the association between ambient particles and daily deaths. <i>Environmental Health Perspectives</i> , 2000, 108, 563-568.	2.8	147
75	Predicting spatiotemporal mean air temperature using MODIS satellite surface temperature measurements across the Northeastern USA. <i>Remote Sensing of Environment</i> , 2014, 150, 132-139.	4.6	146
76	Impacts of temperature and its variability on mortality in New England. <i>Nature Climate Change</i> , 2015, 5, 988-991.	8.1	146
77	Lead, Blood Pressure, and Cardiovascular Disease in Men. <i>Archives of Environmental Health</i> , 1995, 50, 31-37.	0.4	140
78	Transitional Regression Models, with Application to Environmental Time Series. <i>Journal of the American Statistical Association</i> , 2000, 95, 16-27.	1.8	133
79	Temperature, Myocardial Infarction, and Mortality. <i>Epidemiology</i> , 2013, 24, 439-446.	1.2	133
80	A hybrid prediction model for PM _{2.5} mass and components using a chemical transport model and land use regression. <i>Atmospheric Environment</i> , 2016, 131, 390-399.	1.9	131
81	How urban characteristics affect vulnerability to heat and cold: a multi-country analysis. <i>International Journal of Epidemiology</i> , 2019, 48, 1101-1112.	0.9	131
82	Estimating daily PM _{2.5} and PM ₁₀ across the complex geo-climate region of Israel using MAIAC satellite-based AOD data. <i>Atmospheric Environment</i> , 2015, 122, 409-416.	1.9	130
83	Long-term Exposure to PM _{2.5} and Mortality Among Older Adults in the Southeastern US. <i>Epidemiology</i> , 2017, 28, 207-214.	1.2	127
84	Long-term exposure to air pollution is associated with biological aging. <i>Oncotarget</i> , 2016, 7, 74510-74525.	0.8	126
85	Baseline Repeated Measures from Controlled Human Exposure Studies: Associations between Ambient Air Pollution Exposure and the Systemic Inflammatory Biomarkers IL-6 and Fibrinogen. <i>Environmental Health Perspectives</i> , 2010, 118, 120-124.	2.8	125
86	A multi-country analysis on potential adaptive mechanisms to cold and heat in a changing climate. <i>Environment International</i> , 2018, 111, 239-246.	4.8	125
87	Estimating Causal Effects of Long-Term PM _{2.5} Exposure on Mortality in New Jersey. <i>Environmental Health Perspectives</i> , 2016, 124, 1182-1188.	2.8	124
88	Ambient air pollution, lung function, and airway responsiveness in asthmatic children. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 390-399.	1.5	119
89	Estimated Effects of Future Atmospheric CO ₂ Concentrations on Protein Intake and the Risk of Protein Deficiency by Country and Region. <i>Environmental Health Perspectives</i> , 2017, 125, 087002.	2.8	119
90	The effects of particulate air pollution on daily deaths: a multi-city case crossover analysis. <i>Occupational and Environmental Medicine</i> , 2004, 61, 956-961.	1.3	116

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91	Prenatal fine particulate exposure and early childhood asthma: Effect of maternal stress and fetal sex. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1880-1886.	1.5	116
92	An Ensemble Learning Approach for Estimating High Spatiotemporal Resolution of Ground-Level Ozone in the Contiguous United States. <i>Environmental Science & Technology</i> , 2020, 54, 11037-11047.	4.6	114
93	How Sensitive Is the Association between Ozone and Daily Deaths to Control for Temperature?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 627-631.	2.5	111
94	Evaluating the impact of long-term exposure to fine particulate matter on mortality among the elderly. <i>Science Advances</i> , 2020, 6, eaba5692.	4.7	111
95	Short-Term Exposure to Air Pollution and Biomarkers of Oxidative Stress: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	109
96	Short-Term Exposure to Ambient Air Pollution and Biomarkers of Systemic Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1793-1800.	1.1	109
97	Short term association between ozone and mortality: global two stage time series study in 406 locations in 20 countries. <i>BMJ, The</i> , 2020, 368, m108.	3.0	109
98	Mortality risk attributable to wildfire-related PM _{2.5} pollution: a global time series study in 749 locations. <i>Lancet Planetary Health, The</i> , 2021, 5, e579-e587.	5.1	109
99	Effects of Ambient Particulate Matter and Ozone on Daily Mortality in Rotterdam, the Netherlands. <i>Archives of Environmental Health</i> , 1997, 52, 455-463.	0.4	108
100	Lifetime Exposure to Ambient Pollution and Lung Function in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 193, 881-888.	2.5	108
101	The relationship of dietary fish intake to level of pulmonary function in the first National Health and Nutrition Survey (NHANES I). <i>European Respiratory Journal</i> , 1994, 7, 1821-1824.	3.1	107
102	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. <i>Climatic Change</i> , 2018, 150, 391-402.	1.7	107
103	Repetitive element DNA methylation and circulating endothelial and inflammation markers in the VA normative aging study. <i>Epigenetics</i> , 2010, 5, 222-228.	1.3	106
104	Changes in Susceptibility to Heat During the Summer: A Multicountry Analysis. <i>American Journal of Epidemiology</i> , 2016, 183, 1027-1036.	1.6	106
105	Drinking water turbidity and gastrointestinal illness in the elderly of Philadelphia. <i>Journal of Epidemiology and Community Health</i> , 2000, 54, 45-51.	2.0	104
106	Pulmonary Function Levels as Predictors of Mortality in a National Sample of US Adults. <i>American Journal of Epidemiology</i> , 1998, 147, 1011-1018.	1.6	103
107	Suicide and Ambient Temperature: A Multi-Country Multi-City Study. <i>Environmental Health Perspectives</i> , 2019, 127, 117007.	2.8	102
108	A hybrid model for spatially and temporally resolved ozone exposures in the continental United States. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 39-52.	0.9	100

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109	Ambient particulate matter and microRNAs in extracellular vesicles: a pilot study of older individuals. <i>Particle and Fibre Toxicology</i> , 2015, 13, 13.	2.8	96
110	Association of air particulate pollution with bone loss over time and bone fracture risk: analysis of data from two independent studies. <i>Lancet Planetary Health</i> , The, 2017, 1, e337-e347.	5.1	96
111	The association between air pollution and the incidence of idiopathic pulmonary fibrosis in Northern Italy. <i>European Respiratory Journal</i> , 2018, 51, 1700397.	3.1	96
112	Associations between prenatal traffic-related air pollution exposure and birth weight: Modification by sex and maternal pre-pregnancy body mass index. <i>Environmental Research</i> , 2015, 137, 268-277.	3.7	95
113	Air pollution and hospital admissions for heart disease in eight U.S. counties. <i>Epidemiology</i> , 1999, 10, 17-22.	1.2	95
114	Total suspended particulate matter and daily mortality in Cincinnati, Ohio.. <i>Environmental Health Perspectives</i> , 1994, 102, 186-189.	2.8	94
115	What weather variables are important in predicting heat-related mortality? A new application of statistical learning methods. <i>Environmental Research</i> , 2014, 132, 350-359.	3.7	94
116	Pregnancy exposure to atmospheric pollution and meteorological conditions and placental DNA methylation. <i>Environment International</i> , 2018, 118, 334-347.	4.8	93
117	A national cohort study (2000â€“2018) of long-term air pollution exposure and incident dementia in older adults in the United States. <i>Nature Communications</i> , 2021, 12, 6754.	5.8	92
118	Winter season mortality: will climate warming bring benefits?. <i>Environmental Research Letters</i> , 2015, 10, 064016.	2.2	91
119	Long-term exposure to PM2.5 and ozone and hospital admissions of Medicare participants in the Southeast USA. <i>Environment International</i> , 2019, 130, 104879.	4.8	89
120	Analysis of health outcome time series data in epidemiological studies. <i>Environmetrics</i> , 2004, 15, 101-117.	0.6	88
121	Short Term Effects of Particle Exposure on Hospital Admissions in the Mid-Atlantic States: A Population Estimate. <i>PLoS ONE</i> , 2014, 9, e88578.	1.1	87
122	The Role of Humidity in Associations of High Temperature with Mortality: A Multicountry, Multicity Study. <i>Environmental Health Perspectives</i> , 2019, 127, 97007.	2.8	84
123	Estimating Causal Effects of Local Air Pollution on Daily Deaths: Effect of Low Levels. <i>Environmental Health Perspectives</i> , 2017, 125, 23-29.	2.8	83
124	Association of long-term PM2.5 exposure with traditional and novel lipid measures related to cardiovascular disease risk. <i>Environment International</i> , 2019, 122, 193-200.	4.8	83
125	Ozone and Survival in Four Cohorts with Potentially Predisposing Diseases. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 836-841.	2.5	82
126	Association between long-term exposure to traffic particles and blood pressure in the Veterans Administration Normative Aging Study. <i>Occupational and Environmental Medicine</i> , 2012, 69, 422-427.	1.3	81

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127	Respiratory Effects of Environmental Tobacco Smoke in a Panel Study of Asthmatic and Symptomatic Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 161, 802-806.	2.5	78
128	Effects of prenatal community violence and ambient air pollution on childhood wheeze in an urban population. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 713-722.e4.	1.5	78
129	Changing patterns of the temperature-mortality association by time and location in the US, and implications for climate change. <i>Environment International</i> , 2015, 81, 80-86.	4.8	78
130	Spatiotemporal prediction of fine particulate matter using high-resolution satellite images in the Southeastern US 2003-2011. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 377-384.	1.8	78
131	Long-Term Association of Air Pollution and Hospital Admissions Among Medicare Participants Using a Doubly Robust Additive Model. <i>Circulation</i> , 2021, 143, 1584-1596.	1.6	78
132	The concentration-response relation between air pollution and daily deaths.. <i>Environmental Health Perspectives</i> , 2001, 109, 1001-1006.	2.8	77
133	Traffic-Related Air Pollution, Blood Pressure, and Adaptive Response of Mitochondrial Abundance. <i>Circulation</i> , 2016, 133, 378-387.	1.6	77
134	Vulnerability to renal, heat and respiratory hospitalizations during extreme heat among U.S. elderly. <i>Climatic Change</i> , 2016, 136, 631-645.	1.7	77
135	Air pollution exposure and lung function in highly exposed subjects in Beijing, China: a repeated-measure study. <i>Particle and Fibre Toxicology</i> , 2014, 11, 51.	2.8	76
136	Study on the association between ambient temperature and mortality using spatially resolved exposure data. <i>Environmental Research</i> , 2016, 151, 610-617.	3.7	76
137	Repetitive element hypomethylation in blood leukocyte DNA and cancer incidence, prevalence, and mortality in elderly individuals: the Normative Aging Study. <i>Cancer Causes and Control</i> , 2011, 22, 437-447.	0.8	74
138	Air pollution exposure and gestational diabetes mellitus among pregnant women in Massachusetts: a cohort study. <i>Environmental Health</i> , 2016, 15, 40.	1.7	74
139	Projected temperature-related deaths in ten large U.S. metropolitan areas under different climate change scenarios. <i>Environment International</i> , 2017, 107, 196-204.	4.8	74
140	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. <i>Science of the Total Environment</i> , 2018, 639, 868-875.	3.9	72
141	Air Conditioning and Heat-related Mortality. <i>Epidemiology</i> , 2020, 31, 779-787.	1.2	72
142	The relationship between blood lead and blood pressure in the NHANES II survey.. <i>Environmental Health Perspectives</i> , 1988, 78, 15-22.	2.8	71
143	Air Pollution and Cause-Specific Mortality in Milan, Italy, 1980-1989. <i>Archives of Environmental Health</i> , 1999, 54, 158-164.	0.4	71
144	Predicting Fine Particulate Matter (PM2.5) in the Greater London Area: An Ensemble Approach using Machine Learning Methods. <i>Remote Sensing</i> , 2020, 12, 914.	1.8	71

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145	Prenatal particulate matter exposure and mitochondrial dysfunction at the maternal-fetal interface: Effect modification by maternal lifetime trauma and child sex. <i>Environment International</i> , 2018, 112, 49-58.	4.8	70
146	Long-term ambient particle exposures and blood DNA methylation age: findings from the VA normative aging study. <i>Environmental Epigenetics</i> , 2016, 2, dww006.	0.9	68
147	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018, 23, 2133-2144.	4.1	68
148	Long-term Exposure to Black Carbon and Carotid Intima-Media Thickness: The Normative Aging Study. <i>Environmental Health Perspectives</i> , 2013, 121, 1061-1067.	2.8	67
149	Health effects of multi-pollutant profiles. <i>Environment International</i> , 2014, 71, 13-19.	4.8	67
150	Associations between air pollution and perceived stress: the Veterans Administration Normative Aging Study. <i>Environmental Health</i> , 2015, 14, 10.	1.7	65
151	Prenatal and childhood traffic-related air pollution exposure and childhood executive function and behavior. <i>Neurotoxicology and Teratology</i> , 2016, 57, 60-70.	1.2	65
152	Fine particulate matter exposure during childhood relates to hemispheric-specific differences in brain structure. <i>Environment International</i> , 2020, 143, 105933.	4.8	65
153	The impact of desert dust exposures on hospitalizations due to exacerbation of chronic obstructive pulmonary disease. <i>Air Quality, Atmosphere and Health</i> , 2014, 7, 433-439.	1.5	64
154	Projections of temperature-attributable premature deaths in 209 U.S. cities using a cluster-based Poisson approach. <i>Environmental Health</i> , 2015, 14, 85.	1.7	63
155	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. <i>Environmental Research</i> , 2017, 159, 16-23.	3.7	63
156	The impact of weather changes on air quality and health in the United States in 1994â€”2012. <i>Environmental Research Letters</i> , 2015, 10, 084009.	2.2	62
157	Blood Telomere Length Attrition and Cancer Development in the Normative Aging Study Cohort. <i>EBioMedicine</i> , 2015, 2, 591-596.	2.7	62
158	Consequences of kriging and land use regression for PM2.5 predictions in epidemiologic analyses: insights into spatial variability using high-resolution satellite data. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 138-144.	1.8	62
159	Lung function association with outdoor temperature and relative humidity and its interaction with air pollution in the elderly. <i>Environmental Research</i> , 2018, 165, 110-117.	3.7	62
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475	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
476	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
477	Low-concentration air pollution and mortality in American older adults: A national cohort analysis (2001-2017). ISEE Conference Abstracts, 2021, 2021, .	0.0	0
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480	Duration of PM2.5 exposure and alterations in the serum metabolome. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
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486	Associations between long-term fine particulate matter exposure and hospital procedures in heart failure patients. ISEE Conference Abstracts, 2021, 2021, .	0.0	0

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498	Neighborhood differences in the associations between PM _{2.5} exposure and hypertension among heart failure patients in North Carolina, USA. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
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503	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
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506	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
507	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
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509	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
510	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
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512	Impacts of Long-term Exposure to Fine Particulate Matter on Mortality Among the Elderly. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
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514	Higher levels of residential radon are associated with higher odds of PIH disorders in Massachusetts, USA. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
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