

Joel D Schwartz

List of Publications by Year in descending order

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Version: 2024-02-01

515
papers

41,720
citations

1994

101
h-index

3407

183
g-index

525
all docs

525
docs citations

525
times ranked

30727
citing authors

#	ARTICLE	IF	CITATIONS
1	Mortality risk attributable to high and low ambient temperature: a multicountry observational study. <i>Lancet</i> , The, 2015, 386, 369-375.	13.7	1,676
2	Air Pollution and Mortality in the Medicare Population. <i>New England Journal of Medicine</i> , 2017, 376, 2513-2522.	27.0	1,038
3	Increasing CO2 threatens human nutrition. <i>Nature</i> , 2014, 510, 139-142.	27.8	1,024
4	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. <i>New England Journal of Medicine</i> , 2019, 381, 705-715.	27.0	978
5	Exposure measurement error in time-series studies of air pollution: concepts and consequences.. <i>Environmental Health Perspectives</i> , 2000, 108, 419-426.	6.0	965
6	DNA methylation age of blood predicts all-cause mortality in later life. <i>Genome Biology</i> , 2015, 16, 25.	8.8	928
7	DNA methylation-based measures of biological age: meta-analysis predicting time to death. <i>Aging</i> , 2016, 8, 1844-1865.	3.1	786
8	Air Pollution and Daily Mortality: A Review and Meta Analysis. <i>Environmental Research</i> , 1994, 64, 36-52.	7.5	785
9	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. <i>Inhalation Toxicology</i> , 1995, 7, 1-18.	1.6	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.	7.5	583
11	Projections of temperature-related excess mortality under climate change scenarios. <i>Lancet Planetary Health</i> , The, 2017, 1, e360-e367.	11.4	497
12	The Distributed Lag between Air Pollution and Daily Deaths. <i>Epidemiology</i> , 2000, 11, 320-326.	2.7	495
13	Air Pollution and Children's Health. <i>Pediatrics</i> , 2004, 113, 1037-1043.	2.1	480
14	Modifiers of the Temperature and Mortality Association in Seven US Cities. <i>American Journal of Epidemiology</i> , 2003, 157, 1074-1082.	3.4	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.	7.4	449
16	The burden of heat-related mortality attributable to recent human-induced climate change. <i>Nature Climate Change</i> , 2021, 11, 492-500.	18.8	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.	5.6	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.	7.5	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. American Journal of Epidemiology, 2006, 163, 579-588.	3.4	381
20	What Are People Dying of on High Air Pollution Days?. Environmental Research, 1994, 64, 26-35.	7.5	379
21	An ensemble-based model of PM2.5 concentration across the contiguous United States with high spatiotemporal resolution. Environment International, 2019, 130, 104909.	10.0	370
22	Assessing PM _{2.5} Exposures with High Spatiotemporal Resolution across the Continental United States. Environmental Science & Technology, 2016, 50, 4712-4721.	10.0	360
23	Long-term PM _{2.5} Exposure and Neurological Hospital Admissions in the Northeastern United States. Environmental Health Perspectives, 2016, 124, 23-29.	6.0	353
24	Air pollution and children's health. Pediatrics, 2004, 113, 1037-43.	2.1	350
25	The concentration-response relation between PM(2.5) and daily deaths.. Environmental Health Perspectives, 2002, 110, 1025-1029.	6.0	333
26	Air Pollution and Hospital Admissions for Respiratory Disease. Epidemiology, 1996, 7, 20-28.	2.7	328
27	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.	3.7	327
28	Temporal Variation in Heatâ€Mortality Associations: A Multicountry Study. Environmental Health Perspectives, 2015, 123, 1200-1207.	6.0	326
29	Who is Sensitive to Extremes of Temperature?. Epidemiology, 2005, 16, 67-72.	2.7	324
30	Low-Concentration PM _{2.5} and Mortality: Estimating Acute and Chronic Effects in a Population-Based Study. Environmental Health Perspectives, 2016, 124, 46-52.	6.0	323
31	Heat Wave and Mortality: A Multicountry, Multicommunity Study. Environmental Health Perspectives, 2017, 125, 087006.	6.0	320
32	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.	6.1	316
33	Assessing temporally and spatially resolved PM2.5 exposures for epidemiological studies using satellite aerosol optical depth measurements. Atmospheric Environment, 2011, 45, 6267-6275.	4.1	303
34	Harvesting and Long Term Exposure Effects in the Relation between Air Pollution and Mortality. American Journal of Epidemiology, 2000, 151, 440-448.	3.4	286
35	Hospital Admissions for Heart Disease. Epidemiology, 2004, 15, 755-761.	2.7	285
36	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.	11.4	284

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37	Association between psychosocial work characteristics and health functioning in American women: prospective study. BMJ: British Medical Journal, 2000, 320, 1432-1436.	2.3	277
38	Air pollution and blood markers of cardiovascular risk.. Environmental Health Perspectives, 2001, 109, 405-409.	6.0	272
39	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. ELife, 2020, 9, .	6.0	268
40	Short-term effects of nitrogen dioxide on mortality: an analysis within the APHEA project. European Respiratory Journal, 2006, 27, 1129-1138.	6.7	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. Atmospheric Environment, 2014, 95, 581-590.	4.1	259
42	Traffic related pollution and heart rate variability in a panel of elderly subjects. Thorax, 2005, 60, 455-461.	5.6	254
43	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. Genome Biology, 2016, 17, 255.	8.8	251
44	The Effects of Air Pollution on Hospitalizations for Cardiovascular Disease in Elderly People in Australian and New Zealand Cities. Environmental Health Perspectives, 2006, 114, 1018-1023.	6.0	248
45	Generalized additive distributed lag models: quantifying mortality displacement. Biostatistics, 2000, 1, 279-292.	1.5	246
46	Quantifying excess deaths related to heatwaves under climate change scenarios: A multicountry time series modelling study. PLoS Medicine, 2018, 15, e1002629.	8.4	232
47	Association of Heart Rate Variability With Occupational and Environmental Exposure to Particulate Air Pollution. Circulation, 2001, 104, 986-991.	1.6	223
48	Air pollution and hospital admissions for the elderly in Detroit, Michigan.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 648-655.	5.6	218
49	Acute effects of fine particulate matter constituents on mortality: A systematic review and meta-regression analysis. Environment International, 2017, 109, 89-100.	10.0	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. Environmental Science & Technology, 2012, 46, 11913-11921.	10.0	217
51	DunedinPACE, a DNA methylation biomarker of the pace of aging. ELife, 2022, 11, .	6.0	214
52	Short-term Effects of Ambient Oxidant Exposure on Mortality: A Combined Analysis within the APHEA Project. American Journal of Epidemiology, 1997, 146, 177-185.	3.4	205
53	The concentration-response between long-term PM2.5 exposure and mortality; A meta-regression approach. Environmental Research, 2018, 166, 677-689.	7.5	205
54	Heat, Heat Waves, and Hospital Admissions among the Elderly in the United States, 1992â€“2006. Environmental Health Perspectives, 2014, 122, 1187-1192.	6.0	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.	2.0	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.	10.0	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.	5.6	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.	6.0	181
59	Episodes of high coarse particle concentrations are not associated with increased mortality.. <i>Environmental Health Perspectives</i> , 1999, 107, 339-342.	6.0	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.	9.1	177
61	Short term fluctuations in air pollution and hospital admissions of the elderly for respiratory disease.. <i>Thorax</i> , 1995, 50, 531-538.	5.6	172
62	Is daily mortality associated specifically with fine particles?. <i>Journal of the Air and Waste Management Association</i> , 1996, 46, 927-39.	1.9	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.	10.0	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.	6.1	162
66	US power plant carbon standards and clean air and health co-benefits. <i>Nature Climate Change</i> , 2015, 5, 535-540.	18.8	160
67	Air pollution and gene-specific methylation in the Normative Aging Study. <i>Epigenetics</i> , 2014, 9, 448-458.	2.7	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.	2.0	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.	10.0	155
71	DNA Methylation Analysis Identifies Loci for Blood Pressure Regulation. <i>American Journal of Human Genetics</i> , 2017, 101, 888-902.	6.2	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.	11.4	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.	6.0	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.	11.0	146
76	Impacts of temperature and its variability on mortality in New England. <i>Nature Climate Change</i> , 2015, 5, 988-991.	18.8	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.	3.1	133
79	Temperature, Myocardial Infarction, and Mortality. <i>Epidemiology</i> , 2013, 24, 439-446.	2.7	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.	4.1	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.	1.9	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.	4.1	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.	2.7	127
84	Long-term exposure to air pollution is associated with biological aging. <i>Oncotarget</i> , 2016, 7, 74510-74525.	1.8	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.	6.0	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.	10.0	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.	6.0	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.	2.9	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.	6.0	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.	2.8	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.	2.9	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.	10.0	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.	5.6	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.	10.3	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, .	3.7	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.	2.4	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.	6.0	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.	11.4	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.	5.6	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.	6.7	107
102	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. <i>Climatic Change</i> , 2018, 150, 391-402.	3.6	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.	2.7	106
104	Changes in Susceptibility to Heat During the Summer: A Multicountry Analysis. <i>American Journal of Epidemiology</i> , 2016, 183, 1027-1036.	3.4	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.	3.7	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.	3.4	103
107	Suicide and Ambient Temperature: A Multi-Country Multi-City Study. <i>Environmental Health Perspectives</i> , 2019, 127, 117007.	6.0	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.	1.9	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.	6.2	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.	11.4	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.	6.7	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.	7.5	95
113	Air pollution and hospital admissions for heart disease in eight U.S. counties. <i>Epidemiology</i> , 1999, 10, 17-22.	2.7	95
114	Total suspended particulate matter and daily mortality in Cincinnati, Ohio.. <i>Environmental Health Perspectives</i> , 1994, 102, 186-189.	6.0	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.	7.5	94
116	Pregnancy exposure to atmospheric pollution and meteorological conditions and placental DNA methylation. <i>Environment International</i> , 2018, 118, 334-347.	10.0	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.	12.8	92
118	Winter season mortality: will climate warming bring benefits?. <i>Environmental Research Letters</i> , 2015, 10, 064016.	5.2	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.	10.0	89
120	Analysis of health outcome time series data in epidemiological studies. <i>Environmetrics</i> , 2004, 15, 101-117.	1.4	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.	2.5	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.	6.0	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.	6.0	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.	10.0	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.	5.6	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.	2.8	81

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127	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.	5.6	78
128	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.	2.9	78
129	Changing patterns of the temperature-mortality association by time and location in the US, and implications for climate change. Environment International, 2015, 81, 80-86.	10.0	78
130	Spatiotemporal prediction of fine particulate matter using high-resolution satellite images in the Southeastern US 2003-2011. Journal of Exposure Science and Environmental Epidemiology, 2016, 26, 377-384.	3.9	78
131	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
132	The concentration-response relation between air pollution and daily deaths.. Environmental Health Perspectives, 2001, 109, 1001-1006.	6.0	77
133	Traffic-Related Air Pollution, Blood Pressure, and Adaptive Response of Mitochondrial Abundance. Circulation, 2016, 133, 378-387.	1.6	77
134	Vulnerability to renal, heat and respiratory hospitalizations during extreme heat among U.S. elderly. Climatic Change, 2016, 136, 631-645.	3.6	77
135	Air pollution exposure and lung function in highly exposed subjects in Beijing, China: a repeated-measure study. Particle and Fibre Toxicology, 2014, 11, 51.	6.2	76
136	Study on the association between ambient temperature and mortality using spatially resolved exposure data. Environmental Research, 2016, 151, 610-617.	7.5	76
137	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.	1.8	74
138	Air pollution exposure and gestational diabetes mellitus among pregnant women in Massachusetts: a cohort study. Environmental Health, 2016, 15, 40.	4.0	74
139	Projected temperature-related deaths in ten large U.S. metropolitan areas under different climate change scenarios. Environment International, 2017, 107, 196-204.	10.0	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. Science of the Total Environment, 2018, 639, 868-875.	8.0	72
141	Air Conditioning and Heat-related Mortality. Epidemiology, 2020, 31, 779-787.	2.7	72
142	The relationship between blood lead and blood pressure in the NHANES II survey.. Environmental Health Perspectives, 1988, 78, 15-22.	6.0	71
143	Air Pollution and Cause-Specific Mortality in Milan, Italy, 1980-1989. Archives of Environmental Health, 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. Remote Sensing, 2020, 12, 914.	4.0	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.	10.0	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, dvw006.	1.8	68
147	Meta-analysis of epigenome-wide association studies of cognitive abilities. <i>Molecular Psychiatry</i> , 2018, 23, 2133-2144.	7.9	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.	6.0	67
149	Health effects of multi-pollutant profiles. <i>Environment International</i> , 2014, 71, 13-19.	10.0	67
150	Associations between air pollution and perceived stress: the Veterans Administration Normative Aging Study. <i>Environmental Health</i> , 2015, 14, 10.	4.0	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.	2.4	65
152	Fine particulate matter exposure during childhood relates to hemispheric-specific differences in brain structure. <i>Environment International</i> , 2020, 143, 105933.	10.0	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.	3.3	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.	4.0	63
155	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. <i>Environmental Research</i> , 2017, 159, 16-23.	7.5	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.	5.2	62
157	Blood Telomere Length Attrition and Cancer Development in the Normative Aging Study Cohort. <i>EBioMedicine</i> , 2015, 2, 591-596.	6.1	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.	3.9	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.	7.5	62
160	Effect of atmospheric mixing layer depth variations on urban air quality and daily mortality during Saharan dust outbreaks. <i>Science of the Total Environment</i> , 2014, 494-495, 283-289.	8.0	61
161	Estimating and projecting the effect of cold waves on mortality in 209 US cities. <i>Environment International</i> , 2016, 94, 141-149.	10.0	61
162	Testing for the indirect effect under the null for genome-wide mediation analyses. <i>Genetic Epidemiology</i> , 2017, 41, 824-833.	1.3	60

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163	Neighborhood Greenness Attenuates the Adverse Effect of PM _{2.5} on Cardiovascular Mortality in Neighborhoods of Lower Socioeconomic Status. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 814.	2.6	59
164	Estimating daily air temperature across the Southeastern United States using high-resolution satellite data: A statistical modeling study. <i>Environmental Research</i> , 2016, 146, 51-58.	7.5	58
165	Associations between long-term exposure to PM _{2.5} component species and blood DNA methylation age in the elderly: The VA normative aging study. <i>Environment International</i> , 2017, 102, 57-65.	10.0	58
166	Predictors of Methacholine Responsiveness in a General Population. <i>Chest</i> , 2002, 122, 812-820.	0.8	57
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505	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
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508	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
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