

Joel Schwartz

List of Publications by Year in descending order

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184
papers

38,784
citations

1893

102
h-index

3323

184
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185
all docs

185
docs citations

185
times ranked

24616
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	Is Daily Mortality Associated Specifically with Fine Particles?. <i>Journal of the Air and Waste Management Association</i> , 1996, 46, 927-939.	1.9	1,273
3	Reduction in Fine Particulate Air Pollution and Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 667-672.	5.6	1,204
4	Simultaneously Mitigating Near-Term Climate Change and Improving Human Health and Food Security. <i>Science</i> , 2012, 335, 183-189.	12.6	1,107
5	Increasing CO2 threatens human nutrition. <i>Nature</i> , 2014, 510, 139-142.	27.8	1,024
6	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. <i>New England Journal of Medicine</i> , 2019, 381, 705-715.	27.0	978
7	Confounding and Effect Modification in the Short-Term Effects of Ambient Particles on Total Mortality: Results from 29 European Cities within the APHEA2 Project. <i>Epidemiology</i> , 2001, 12, 521-531.	2.7	810
8	Ambient Pollution and Heart Rate Variability. <i>Circulation</i> , 2000, 101, 1267-1273.	1.6	785
9	Chronic Exposure to Fine Particles and Mortality: An Extended Follow-up of the Harvard Six Cities Study from 1974 to 2009. <i>Environmental Health Perspectives</i> , 2012, 120, 965-970.	6.0	767
10	Increased Mortality in Philadelphia Associated with Daily Air Pollution Concentrations. <i>The American Review of Respiratory Disease</i> , 1992, 145, 600-604.	2.9	670
11	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. <i>Inhalation Toxicology</i> , 1995, 7, 1-18.	1.6	646
12	Particulate Air Pollution and Hospital Emergency Room Visits for Asthma in Seattle. <i>The American Review of Respiratory Disease</i> , 1993, 147, 826-831.	2.9	588
13	Air Pollution and Incidence of Cardiac Arrhythmia. <i>Epidemiology</i> , 2000, 11, 11-17.	2.7	570
14	Acute Effects of Particulate Air Pollution on Respiratory Admissions. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 1860-1866.	5.6	566
15	Health, wealth, and air pollution: advancing theory and methods.. <i>Environmental Health Perspectives</i> , 2003, 111, 1861-1870.	6.0	564
16	Daily Mortality and PM ₁₀ Pollution in Utah Valley. <i>Archives of Environmental Health</i> , 1992, 47, 211-217.	0.4	561
17	Heart rate variability associated with particulate air pollution. <i>American Heart Journal</i> , 1999, 138, 890-899.	2.7	525
18	Air pollution and daily mortality: Associations with particulates and acid aerosols. <i>Environmental Research</i> , 1992, 59, 362-373.	7.5	499

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19	Projections of temperature-related excess mortality under climate change scenarios. <i>Lancet Planetary Health</i> , The, 2017, 1, e360-e367.	11.4	497
20	The Distributed Lag between Air Pollution and Daily Deaths. <i>Epidemiology</i> , 2000, 11, 320-326.	2.7	495
21	Air Pollution and Children's Health. <i>Pediatrics</i> , 2004, 113, 1037-1043.	2.1	480
22	Air Pollution and Hospital Admissions for Cardiovascular Disease in Detroit, Michigan. <i>American Journal of Epidemiology</i> , 1995, 142, 23-35.	3.4	455
23	MORTALITY AND AIR POLLUTION J LONDON: A TIME SERIES ANALYSIS. <i>American Journal of Epidemiology</i> , 1990, 131, 185-194.	3.4	412
24	Fine particulate air pollution and its components in association with cause-specific emergency admissions. <i>Environmental Health</i> , 2009, 8, 58.	4.0	410
25	Diabetes Enhances Vulnerability to Particulate Air Pollution's Associated Impairment in Vascular Reactivity and Endothelial Function. <i>Circulation</i> , 2005, 111, 2913-2920.	1.6	400
26	Exposure to Particulate Air Pollution and Cognitive Decline in Older Women. <i>Archives of Internal Medicine</i> , 2012, 172, 219.	3.8	399
27	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.	3.4	381
28	The Time Course of Weather-Related Deaths. <i>Epidemiology</i> , 2001, 12, 662-667.	2.7	368
29	Assessing PM _{2.5} Exposures with High Spatiotemporal Resolution across the Continental United States. <i>Environmental Science & Technology</i> , 2016, 50, 4712-4721.	10.0	360
30	Particulate Air Pollution and Daily Mortality in Steubenville, Ohio. <i>American Journal of Epidemiology</i> , 1992, 135, 12-19.	3.4	350
31	Individual-Level Modifiers of the Effects of Particulate Matter on Daily Mortality. <i>American Journal of Epidemiology</i> , 2006, 163, 849-859.	3.4	345
32	Global Air Quality and Health Co-benefits of Mitigating Near-Term Climate Change through Methane and Black Carbon Emission Controls. <i>Environmental Health Perspectives</i> , 2012, 120, 831-839.	6.0	340
33	The concentration-response relation between PM(2.5) and daily deaths.. <i>Environmental Health Perspectives</i> , 2002, 110, 1025-1029.	6.0	333
34	Air Pollution and Hospital Admissions for Respiratory Disease. <i>Epidemiology</i> , 1996, 7, 20-28.	2.7	328
35	Reduced Exposure to PM ₁₀ and Attenuated Age-Related Decline in Lung Function. <i>New England Journal of Medicine</i> , 2007, 357, 2338-2347.	27.0	312
36	Air Pollution and Hospital Admissions for Ischemic and Hemorrhagic Stroke Among Medicare Beneficiaries. <i>Stroke</i> , 2005, 36, 2549-2553.	2.0	306

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37	Children's Response to Air Pollutants. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 71, 238-243.	2.3	306
38	The Effect of Particulate Air Pollution on Emergency Admissions for Myocardial Infarction: A Multicity Case-Crossover Analysis. <i>Environmental Health Perspectives</i> , 2005, 113, 978-982.	6.0	305
39	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.	4.1	303
40	Air Pollution and Child Respiratory Health. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1272-1278.	5.6	296
41	Chronic Fine and Coarse Particulate Exposure, Mortality, and Coronary Heart Disease in the Nurses' Health Study. <i>Environmental Health Perspectives</i> , 2009, 117, 1697-1701.	6.0	296
42	Air Pollution and Daily Mortality in Birmingham, Alabama. <i>American Journal of Epidemiology</i> , 1993, 137, 1136-1147.	3.4	288
43	Effects of Air Pollution on Heart Rate Variability: The VA Normative Aging Study. <i>Environmental Health Perspectives</i> , 2005, 113, 304-309.	6.0	286
44	Hospital Admissions for Heart Disease. <i>Epidemiology</i> , 2004, 15, 755-761.	2.7	285
45	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.	11.4	284
46	Who is Sensitive to the Effects of Particulate Air Pollution on Mortality?. <i>Epidemiology</i> , 2004, 15, 143-149.	2.7	280
47	Ambient Air Pollution and the Risk of Acute Ischemic Stroke. <i>Archives of Internal Medicine</i> , 2012, 172, 229.	3.8	279
48	Short-Term Effects of Ambient Particles on Cardiovascular and Respiratory Mortality. <i>Epidemiology</i> , 2006, 17, 230-233.	2.7	272
49	Air Pollution and Hospital Admissions for the Elderly in Birmingham, Alabama. <i>American Journal of Epidemiology</i> , 1994, 139, 589-598.	3.4	265
50	Estimating the Exposure-Response Relationships between Particulate Matter and Mortality within the APHEA Multicity Project. <i>Environmental Health Perspectives</i> , 2005, 113, 88-95.	6.0	263
51	Effects of air pollutants on acute stroke mortality.. <i>Environmental Health Perspectives</i> , 2002, 110, 187-191.	6.0	261
52	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.	4.1	259
53	Air Pollution and Respiratory Symptoms in Preschool Children. <i>The American Review of Respiratory Disease</i> , 1992, 145, 42-47.	2.9	246
54	Air Pollution and Mortality in Elderly People: A Time-Series Study in Sao Paulo, Brazil. <i>Archives of Environmental Health</i> , 1995, 50, 159-163.	0.4	238

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55	The temporal pattern of respiratory and heart disease mortality in response to air pollution.. Environmental Health Perspectives, 2003, 111, 1188-1193.	6.0	238
56	Quantifying excess deaths related to heatwaves under climate change scenarios: A multicountry time series modelling study. PLoS Medicine, 2018, 15, e1002629.	8.4	232
57	Oxygen Saturation, Pulse Rate, and Particulate Air Pollution. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 365-372.	5.6	227
58	Association of Heart Rate Variability With Occupational and Environmental Exposure to Particulate Air Pollution. Circulation, 2001, 104, 986-991.	1.6	223
59	Air pollution and emergency admissions in Boston, MA. Journal of Epidemiology and Community Health, 2006, 60, 890-895.	3.7	220
60	A 10-year time-series analysis of respiratory and cardiovascular morbidity in Nicosia, Cyprus: the effect of short-term changes in air pollution and dust storms. Environmental Health, 2008, 7, 39.	4.0	217
61	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
62	Particulate air pollution and daily mortality in detroit. Environmental Research, 1991, 56, 204-213.	7.5	212
63	Lung function and chronic exposure to air pollution: A cross-sectional analysis of NHANES II. Environmental Research, 1989, 50, 309-321.	7.5	209
64	The Temporal Pattern of Mortality Responses to Air Pollution: A Multicity Assessment of Mortality Displacement. Epidemiology, 2002, 13, 87-93.	2.7	207
65	The concentration-response between long-term PM _{2.5} exposure and mortality; A meta-regression approach. Environmental Research, 2018, 166, 677-689.	7.5	205
66	Association of Short-term Ambient Air Pollution Concentrations and Ventricular Arrhythmias. American Journal of Epidemiology, 2005, 161, 1123-1132.	3.4	204
67	Prolonged Exposure to Particulate Pollution, Genes Associated with Glutathione Pathways, and DNA Methylation in a Cohort of Older Men. Environmental Health Perspectives, 2011, 119, 977-982.	6.0	201
68	The association of daily sulfur dioxide air pollution levels with hospital admissions for cardiovascular diseases in Europe (The Aphea-II study). European Heart Journal, 2003, 24, 752-760.	2.2	193
69	Cardiovascular Damage by Airborne Particles: Are Diabetics More Susceptible?. Epidemiology, 2002, 13, 588-592.	2.7	190
70	Air conditioning and source-specific particles as modifiers of the effect of PM(10) on hospital admissions for heart and lung disease.. Environmental Health Perspectives, 2002, 110, 43-49.	6.0	186
71	The Effect of Dose and Timing of Dose on the Association between Airborne Particles and Survival. Environmental Health Perspectives, 2008, 116, 64-69.	6.0	181
72	Is There Harvesting in the Association of Airborne Particles with Daily Deaths and Hospital Admissions?. Epidemiology, 2001, 12, 55-61.	2.7	172

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73	Acute Exposure to Air Pollution Triggers Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 816-825.	2.8	168
74	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
75	Associations of PM ₁₀ with Sleep and Sleep-disordered Breathing in Adults from Seven U.S. Urban Areas. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 819-825.	5.6	164
76	Are Particulate Matter Exposures Associated with Risk of Type 2 Diabetes?. <i>Environmental Health Perspectives</i> , 2011, 119, 384-389.	6.0	163
77	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
78	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
79	The Lag Structure Between Particulate Air Pollution and Respiratory and Cardiovascular Deaths in 10 US Cities. <i>Journal of Occupational and Environmental Medicine</i> , 2001, 43, 927-933.	1.7	157
80	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
81	Are Diabetics More Susceptible to the Health Effects of Airborne Particles?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 831-833.	5.6	151
82	Particulate Air Pollution, Oxidative Stress Genes, and Heart Rate Variability in an Elderly Cohort. <i>Environmental Health Perspectives</i> , 2007, 115, 1617-1622.	6.0	150
83	Focused Exposures to Airborne Traffic Particles and Heart Rate Variability in the Elderly. <i>Epidemiology</i> , 2007, 18, 95-103.	2.7	148
84	Mortality Displacement in the Association of Ozone with Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 184-189.	5.6	140
85	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
86	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
87	Chronic Particulate Exposure, Mortality, and Coronary Heart Disease in the Nurses' Health Study. <i>American Journal of Epidemiology</i> , 2008, 168, 1161-1168.	3.4	130
88	The association of particulate air metal concentrations with heart rate variability.. <i>Environmental Health Perspectives</i> , 2002, 110, 875-880.	6.0	127
89	Long-term exposure to air pollution is associated with biological aging. <i>Oncotarget</i> , 2016, 7, 74510-74525.	1.8	126
90	Effect of increased concentrations of atmospheric carbon dioxide on the global threat of zinc deficiency: a modelling study. <i>The Lancet Global Health</i> , 2015, 3, e639-e645.	6.3	125

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91	A multi-country analysis on potential adaptive mechanisms to cold and heat in a changing climate. Environment International, 2018, 111, 239-246.	10.0	125
92	Uncertainty and Variability in Health-Related Damages from Coal-Fired Power Plants in the United States. Risk Analysis, 2009, 29, 1000-1014.	2.7	121
93	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.	6.0	119
94	Pulmonary Function and Ambient Particulate Matter: Epidemiological Evidence from NHANES I. Archives of Environmental Health, 1991, 46, 135-144.	0.4	118
95	Using Meta-Smoothing to Estimate Dose-Response Trends across Multiple Studies, with Application to Air Pollution and Daily Death. Epidemiology, 2000, 11, 666-672.	2.7	115
96	Air Pollution and ST-Segment Depression in Elderly Subjects. Environmental Health Perspectives, 2005, 113, 883-887.	6.0	112
97	Cardiac Autonomic Dysfunction. Circulation, 2008, 117, 1802-1809.	1.6	112
98	Reduction in Heart Rate Variability with Traffic and Air Pollution in Patients with Coronary Artery Disease. Environmental Health Perspectives, 2010, 118, 324-330.	6.0	109
99	Short term association between ozone and mortality: global two stage time series study in 406 locations in 20 countries. BMJ, The, 2020, 368, m108.	6.0	109
100	Mortality risk attributable to wildfire-related PM2.5 pollution: a global time series study in 749 locations. Lancet Planetary Health, The, 2021, 5, e579-e587.	11.4	109
101	Semiparametric latent variable regression models for spatiotemporal modelling of mobile source particles in the greater Boston area. Journal of the Royal Statistical Society Series C: Applied Statistics, 2007, 56, 183-209.	1.0	108
102	Race, Gender, and Social Status as Modifiers of the Effects of PM10 on Mortality. Journal of Occupational and Environmental Medicine, 2000, 42, 469-474.	1.7	108
103	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. Climatic Change, 2018, 150, 391-402.	3.6	107
104	Residential Proximity to Nearest Major Roadway and Cognitive Function in Community-Dwelling Seniors: Results from the MOBILIZE Boston Study. Journal of the American Geriatrics Society, 2012, 60, 2075-2080.	2.6	106
105	Particulate Air Pollution, Progression, and Survival after Myocardial Infarction. Environmental Health Perspectives, 2007, 115, 769-775.	6.0	102
106	Suicide and Ambient Temperature: A Multi-Country Multi-City Study. Environmental Health Perspectives, 2019, 127, 117007.	6.0	102
107	The Relationship between Ambient Air Pollution and Heart Rate Variability Differs for Individuals with Heart and Pulmonary Disease. Environmental Health Perspectives, 2006, 114, 560-566.	6.0	101
108	Improvements in PM ₁₀ Exposure and Reduced Rates of Respiratory Symptoms in a Cohort of Swiss Adults (SAPALDIA). American Journal of Respiratory and Critical Care Medicine, 2009, 179, 579-587.	5.6	99

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109	Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. <i>BMJ, The</i> , 2021, 372, n534.	6.0	99
110	The Association Between Personal Measurements of Environmental Exposure to Particulates and Heart Rate Variability. <i>Epidemiology</i> , 2002, 13, 305-310.	2.7	90
111	Particulate air pollution and survival in a COPD cohort. <i>Environmental Health</i> , 2008, 7, 48.	4.0	90
112	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
113	Air Pollution and Blood Markers of Cardiovascular Risk. <i>Environmental Health Perspectives</i> , 2001, 109, 405.	6.0	88
114	Short-Term Effects of Carbon Monoxide on Mortality: An Analysis within the APHEA Project. <i>Environmental Health Perspectives</i> , 2007, 115, 1578-1583.	6.0	87
115	Air Pollution and Daily Mortality in Seven Major Cities of Korea, 1991â€“1997. <i>Environmental Research</i> , 2000, 84, 247-254.	7.5	85
116	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
117	Particulate Air Pollution as a Risk Factor for ST-Segment Depression in Patients With Coronary Artery Disease. <i>Circulation</i> , 2008, 118, 1314-1320.	1.6	82
118	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
119	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
120	Air Pollution and Homocysteine. <i>Epidemiology</i> , 2010, 21, 198-206.	2.7	80
121	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.	6.2	76
122	Traffic-related Particles Are Associated with Elevated Homocysteine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 283-289.	5.6	75
123	Estimating the Causal Effect of Low Levels of Fine Particulate Matter on Hospitalization. <i>Epidemiology</i> , 2017, 28, 627-634.	2.7	73
124	Air Pollution and Cause-Specific Mortality in Milan, Italy, 1980â€“1989. <i>Archives of Environmental Health</i> , 1999, 54, 158-164.	0.4	71
125	Associations of Inter- and Intraday Temperature Change With Mortality. <i>American Journal of Epidemiology</i> , 2016, 183, 286-293.	3.4	71
126	Short-Term Effects of Air Pollution on Heart Rate Variability in Senior Adults in Steubenville, Ohio. <i>Journal of Occupational and Environmental Medicine</i> , 2006, 48, 780-788.	1.7	70

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127	Black Carbon Exposures, Blood Pressure, and Interactions with Single Nucleotide Polymorphisms in MicroRNA Processing Genes. <i>Environmental Health Perspectives</i> , 2010, 118, 943-948.	6.0	69
128	Exposure to airborne particulate matter is associated with methylation pattern in the asthma pathway. <i>Epigenomics</i> , 2013, 5, 147-154.	2.1	68
129	Ambient Air Pollution and Oxygen Saturation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 383-387.	5.6	67
130	Impacts of elevated atmospheric CO2 on nutrient content of important food crops. <i>Scientific Data</i> , 2015, 2, 150036.	5.3	66
131	A cross-sectional analysis of meteorological factors and SARS-CoV-2 transmission in 409 cities across 26 countries. <i>Nature Communications</i> , 2021, 12, 5968.	12.8	66
132	Time Series for the Analysis of Pulmonary Health Data. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1996, 154, S229-S233.	5.6	65
133	Particulate Air Pollution and Socioeconomic Position in Rural and Urban Areas of the Northeastern United States. <i>American Journal of Public Health</i> , 2011, 101, S224-S230.	2.7	65
134	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
135	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
136	Is the association of airborne particles with daily deaths confounded by gaseous air pollutants? An approach to control by matching. <i>Environmental Health Perspectives</i> , 2004, 112, 557-561.	6.0	56
137	Residential Exposure to Traffic-Related Air Pollution and Survival after Heart Failure. <i>Environmental Health Perspectives</i> , 2008, 116, 481-485.	6.0	56
138	PM2.5 and Survival Among Older Adults. <i>Epidemiology</i> , 2015, 26, 321-327.	2.7	56
139	A National Multicity Analysis of the Causal Effect of Local Pollution, NO2, and PM2.5 on Mortality. <i>Environmental Health Perspectives</i> , 2018, 126, 87004.	6.0	56
140	Projections of excess mortality related to diurnal temperature range under climate change scenarios: a multi-country modelling study. <i>Lancet Planetary Health</i> , The, 2020, 4, e512-e521.	11.4	56
141	Air Pollution and Heart Rate Variability. <i>Epidemiology</i> , 2008, 19, 111-120.	2.7	55
142	Associations between arrhythmia episodes and temporally and spatially resolved black carbon and particulate matter in elderly patients. <i>Occupational and Environmental Medicine</i> , 2014, 71, 201-207.	2.8	52
143	Longer-Term Impact of High and Low Temperature on Mortality: An International Study to Clarify Length of Mortality Displacement. <i>Environmental Health Perspectives</i> , 2017, 125, 107009.	6.0	52
144	Individual Effect Modifiers of Dust Exposure Effect on Cardiovascular Morbidity. <i>PLoS ONE</i> , 2015, 10, e0137714.	2.5	51

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145	Effectiveness of National Weather Service heat alerts in preventing mortality in 20 US cities. <i>Environment International</i> , 2018, 116, 30-38.	10.0	51
146	Impact of Long-Term Exposures to Ambient PM2.5 and Ozone on ARDS Risk for Older Adults in the United States. <i>Chest</i> , 2019, 156, 71-79.	0.8	51
147	Ambient and Microenvironmental Particles and Exhaled Nitric Oxide Before and After a Group Bus Trip. <i>Environmental Health Perspectives</i> , 2007, 115, 507-512.	6.0	49
148	Estimating spatio-temporal resolved PM10 aerosol mass concentrations using MODIS satellite data and land use regression over Lombardy, Italy. <i>Atmospheric Environment</i> , 2013, 74, 227-236.	4.1	48
149	Systemic inflammation, heart rate variability and air pollution in a cohort of senior adults. <i>Occupational and Environmental Medicine</i> , 2010, 67, 625-630.	2.8	45
150	Exposure to sub-chronic and long-term particulate air pollution and heart rate variability in an elderly cohort: the Normative Aging Study. <i>Environmental Health</i> , 2015, 14, 87.	4.0	45
151	Estimating the Independent Effects of Multiple Pollutants in the Presence of Measurement Error: An Application of a Measurement-Error-Resistant Technique. <i>Environmental Health Perspectives</i> , 2004, 112, 1686-1690.	6.0	44
152	The Impact of Secondary Particles on the Association between Ambient Ozone and Mortality. <i>Environmental Health Perspectives</i> , 2008, 116, 453-458.	6.0	44
153	Altered methylation in tandem repeat element and elemental component levels in inhalable air particles. <i>Environmental and Molecular Mutagenesis</i> , 2014, 55, 256-265.	2.2	43
154	Comparison of weather station and climate reanalysis data for modelling temperature-related mortality. <i>Scientific Reports</i> , 2022, 12, 5178.	3.3	42
155	Effects of exposure measurement error on particle matter epidemiology: a simulation using data from a panel study in Baltimore, MD. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007, 17, S2-S10.	3.9	41
156	Pesticide Spraying for West Nile Virus Control and Emergency Department Asthma Visits in New York City, 2000. <i>Environmental Health Perspectives</i> , 2004, 112, 1183-1187.	6.0	39
157	Long-Term PM10 Exposure and Cause-Specific Mortality in the Latium Region (Italy): A Difference-in-Differences Approach. <i>Environmental Health Perspectives</i> , 2019, 127, 67004.	6.0	37
158	Night Heart Rate Variability and Particulate Exposures among Boilermaker Construction Workers. <i>Environmental Health Perspectives</i> , 2007, 115, 1046-1051.	6.0	36
159	A spatio-temporal prediction model based on support vector machine regression: Ambient Black Carbon in three New England States. <i>Environmental Research</i> , 2017, 159, 427-434.	7.5	35
160	Ambient carbon monoxide and daily mortality: a global time-series study in 337 cities. <i>Lancet Planetary Health</i> , The, 2021, 5, e191-e199.	11.4	35
161	Elemental Carbon Exposure at Residence and Survival After Acute Myocardial Infarction. <i>Epidemiology</i> , 2009, 20, 547-554.	2.7	34
162	Predicted temperature-increase-induced global health burden and its regional variability. <i>Environment International</i> , 2019, 131, 105027.	10.0	34

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