Antonella Zanobetti

List of Publications by Year
in descending order

132	14,516	20817 60	19749 117
papers	citations	h-index	g-index

133	133	133	14253
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The immigrant birthweight paradox in an urban cohort: Role of immigrant enclaves and ambient air pollution. Journal of Exposure Science and Environmental Epidemiology, 2022, 32, 571-582.	3.9	3
2	Fluctuating temperature modifies heat-mortality association around the globe. Innovation(China), 2022, 3, 100225.	9.1	7
3	Global mortality burden attributable to non-optimal temperatures. Lancet, The, 2022, 399, 1113.	13.7	5
4	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.	11.4	25
5	Postnatal exposure to PM2.5 and weight trajectories in early childhood. Environmental Epidemiology, 2022, 6, e181.	3.0	3
6	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.	11.4	27
7	Childhood Asthma Incidence, Early and Persistent Wheeze, and Neighborhood Socioeconomic Factors in the ECHO/CREW Consortium. JAMA Pediatrics, 2022, 176, 759.	6.2	41
8	Coarse Particulate Air Pollution and Daily Mortality: A Global Study in 205 Cities. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 999-1007.	5.6	28
9	PM2.5 and hospital admissions among Medicare enrollees with chronic debilitating brain disorders. Science of the Total Environment, 2021, 755, 142524.	8.0	16
10	Ambient Particle Components and Newborn Blood Pressure in Project Viva. Journal of the American Heart Association, 2021, 10, e016935.	3.7	11
11	Assessing additive effects of air pollutants on mortality rate in Massachusetts. Environmental Health, 2021, 20, 19.	4.0	2
12	A national difference in differences analysis of the effect of PM2.5 on annual death rates. Environmental Research, 2021, 194, 110649.	7.5	21
13	Modeling the impact of exposure reductions using multi-stressor epidemiology, exposure models, and synthetic microdata: an application to birthweight in two environmental justice communities. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 442-453.	3.9	1
14	A Direct Estimate of the Impact of PM2.5, NO2, and O3 Exposure on Life Expectancy Using Propensity Scores. Epidemiology, 2021, 32, 469-476.	2.7	9
15	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
16	Emulating causal dose-response relations between air pollutants and mortality in elders. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
17	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
18	The Role of Immigrant Enclaves and Ambient Air Pollution Exposure in the Immigrant Birthweight Paradox. ISEE Conference Abstracts, 2021, 2021, .	0.0	1

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19	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
20	Geographical Variations of the Minimum Mortality Temperature at a Global Scale. Environmental Epidemiology, 2021, 5, e169.	3.0	28
21	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.	11.4	109
22	Temporal transition of racial/ethnic disparities in COVID-19 outcomes in 3108 counties of the United States: Three phases from January to December 2020. Science of the Total Environment, 2021, 791, 148167.	8.0	10
23	A self-controlled approach to survival analysis, with application to air pollution and mortality. Environment International, 2021, 157, 106861.	10.0	5
24	Heat warnings, mortality, and hospital admissions among older adults in the United States. Environment International, 2021, 157, 106834.	10.0	26
25	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.	2.6	11
26	Race or racial segregation? Modification of the PM2.5 and cardiovascular mortality association. PLoS ONE, 2020, 15, e0236479.	2.5	16
27	Racial Disparities in Associations between Neighborhood Demographic Polarization and Birth Weight. International Journal of Environmental Research and Public Health, 2020, 17, 3076.	2.6	1
28	Estimating the number of excess deaths attributable to heat in 297 United States counties. Environmental Epidemiology, 2020, 4, e096.	3.0	61
29	Risk of Acute Respiratory Distress Syndrome Among Older Adults Living Near Construction and Manufacturing Sites. Epidemiology, 2020, 31, 468-477.	2.7	5
30	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
31	Prenatal Ambient Particulate Matter Exposure and Longitudinal Weight Growth Trajectories in Early Childhood. International Journal of Environmental Research and Public Health, 2020, 17, 1444.	2.6	16
32	Air Conditioning and Heat-related Mortality. Epidemiology, 2020, 31, 779-787.	2.7	72
33	Long-term effect of fine particulate matter on hospitalization with dementia. Environmental Pollution, 2019, 254, 112926.	7.5	35
34	Predicted temperature-increase-induced global health burden and its regional variability. Environment International, 2019, 131, 105027.	10.0	34
35	Effect of particulate matter-bound metals exposure on prothrombotic biomarkers: A systematic review. Environmental Research, 2019, 177, 108573.	7.5	58
36	Effects of Maternal Homelessness, Supplemental Nutrition Programs, and Prenatal PM2.5 on Birthweight. International Journal of Environmental Research and Public Health, 2019, 16, 4154.	2.6	19

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37	The Role of Humidity in Associations of High Temperature with Mortality: A Multicountry, Multicity Study. Environmental Health Perspectives, 2019, 127, 97007.	6.0	84
38	Long-term exposure to PM2.5 and ozone and hospital admissions of Medicare participants in the Southeast USA. Environment International, 2019, 130, 104879.	10.0	89
39	County-level radon exposure and all-cause mortality risk among Medicare beneficiaries. Environment International, 2019, 130, 104865.	10.0	12
40	Low Levels of Air Pollution and Health: Effect Estimates, Methodological Challenges, and Future Directions. Current Environmental Health Reports, 2019, 6, 105-115.	6.7	62
41	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.	0.8	51
42	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.	3.9	13
43	How urban characteristics affect vulnerability to heat and cold: a multi-country analysis. International Journal of Epidemiology, 2019, 48, 1101-1112.	1.9	131
44	Neighborhood Greenness Attenuates the Adverse Effect of PM2.5 on Cardiovascular Mortality in Neighborhoods of Lower Socioeconomic Status. International Journal of Environmental Research and Public Health, 2019, 16, 814.	2.6	59
45	Associations between seasonal temperature and dementia-associated hospitalizations in New England. Environment International, 2019, 126, 228-233.	10.0	46
46	Suicide and Ambient Temperature: A Multi-Country Multi-City Study. Environmental Health Perspectives, 2019, 127, 117007.	6.0	102
47	Change in PM2.5 exposure and mortality among Medicare recipients. Environmental Epidemiology, 2019, 3, e054.	3.0	12
48	Estimating the causal effect of annual PM2.5 exposure on mortality rates in the Northeastern and mid-Atlantic states. Environmental Epidemiology, 2019, 3, e052.	3.0	23
49	Comparison of temperature-mortality associations estimated with different exposure metrics. Environmental Epidemiology, 2019, 3, e072.	3.0	26
50	Association of outdoor temperature with lung function in a temperate climate. European Respiratory Journal, 2019, 53, 1800612.	6.7	19
51	The impact of air exchange rate on ambient air pollution exposure and inequalities across all residential parcels in Massachusetts. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 520-530.	3.9	22
52	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.	1.9	26
53	TOC GENERATION TEST: Suicide and Ambient Temperature: A Multi-Country Multi-City Study. Environmental Health Perspectives, 2019, 127, 117007.	6.0	3
54	Longer-Term Outdoor Temperatures and Health Effects: a Review. Current Epidemiology Reports, 2018, 5, 125-139.	2.4	30

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55	Effectiveness of National Weather Service heat alerts in preventing mortality in 20 US cities. Environment International, 2018, 116, 30-38.	10.0	51
56	The association between air pollution and the incidence of idiopathic pulmonary fibrosis in Northern Italy. European Respiratory Journal, 2018, 51, 1700397.	6.7	96
57	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
58	Accounting for adaptation and intensity in projecting heat wave-related mortality. Environmental Research, 2018, 161, 464-471.	7.5	51
59	Temporal trends in air pollution exposure inequality in Massachusetts. Environmental Research, 2018, 161, 76-86.	7.5	76
60	Mortality burden of diurnal temperature range and its temporal changes: A multi-country study. Environment International, 2018, 110, 123-130.	10.0	72
61	Estimating the Effects of PM2.5 on Life Expectancy Using Causal Modeling Methods. Environmental Health Perspectives, 2018, 126, 127002.	6.0	35
62	A National Multicity Analysis of the Causal Effect of Local Pollution, NO2, and PM2.5 on Mortality. Environmental Health Perspectives, 2018, 126, 87004.	6.0	56
63	Temperature-related mortality impacts under and beyond Paris Agreement climate change scenarios. Climatic Change, 2018, 150, 391-402.	3.6	107
64	Do Maternal Air Pollution Exposures Have Long-Lasting Influences on Child Blood Pressure?. Hypertension, 2018, 72, 56-58.	2.7	5
65	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
66	Quantifying excess deaths related to heatwaves under climate change scenarios: A multicountry time series modelling study. PLoS Medicine, 2018, 15, e1002629.	8.4	232
67	Reduced cognitive function during a heat wave among residents of non-air-conditioned buildings: An observational study of young adults in the summer of 2016. PLoS Medicine, 2018, 15, e1002605.	8.4	79
68	The short-term effect of particulate matter on cardiorespiratory drug prescription, as a proxy of mild adverse events. Environmental Research, 2017, 157, 145-152.	7.5	9
69	Short-term effects of air temperature and mitochondrial DNA lesions within an older population. Environment International, 2017, 103, 23-29.	10.0	3
70	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.	1.9	12
71	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.	11.4	96
72	Projections of temperature-related excess mortality under climate change scenarios. Lancet Planetary Health, The, 2017, 1, e360-e367.	11.4	497

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73	Air Pollution and Mortality in the Medicare Population. New England Journal of Medicine, 2017, 376, 2513-2522.	27.0	1,038
74	Association of Short-term Exposure to Air Pollution With Mortality in Older Adults. JAMA - Journal of the American Medical Association, 2017, 318, 2446.	7.4	449
75	Monte Carlo simulation-based estimation for the minimum mortality temperature in temperature-mortality association study. BMC Medical Research Methodology, 2017, 17, 137.	3.1	20
76	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.	6.0	52
77	Heat Wave and Mortality: A Multicountry, Multicommunity Study. Environmental Health Perspectives, 2017, 125, 087006.	6.0	320
78	Study on the association between ambient temperature and mortality using spatially resolved exposure data. Environmental Research, 2016, 151, 610-617.	7.5	76
79	Chronic effects of temperature on mortality in the Southeastern USA using satellite-based exposure metrics. Scientific Reports, 2016, 6, 30161.	3.3	33
80	Estimating and projecting the effect of cold waves on mortality in 209 US cities. Environment International, 2016, 94, 141-149.	10.0	61
81	Prenatal and childhood traffic-related air pollution exposure and childhood executive function and behavior. Neurotoxicology and Teratology, 2016, 57, 60-70.	2.4	65
82	Vulnerability to renal, heat and respiratory hospitalizations during extreme heat among U.S. elderly. Climatic Change, 2016, 136, 631-645.	3.6	77
83	Ambient air pollution, lung function, and airway responsiveness in asthmatic children. Journal of Allergy and Clinical Immunology, 2016, 137, 390-399.	2.9	119
84	Mortality risk attributable to high and low ambient temperature: a multicountry observational study. Lancet, The, 2015, 386, 369-375.	13.7	1,676
85	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.	10.0	78
86	Disentangling interactions between atmospheric pollution and weather. Journal of Epidemiology and Community Health, 2015, 69, 613-615.	3.7	50
87	Impacts of temperature and its variability on mortality in New England. Nature Climate Change, 2015, 5, 988-991.	18.8	146
88	Effect of daily temperature range on respiratory health in Argentina and its modification by impaired socio-economic conditions and PM10 exposures. Environmental Pollution, 2015, 206, 175-182.	7.5	41
89	Prenatal Air Pollution Exposure and Newborn Blood Pressure. Environmental Health Perspectives, 2015, 123, 353-359.	6.0	70
90	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.	3.7	40

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91	Exposure to traffic and early life respiratory infection: A cohort study. Pediatric Pulmonology, 2015, 50, 252-259.	2.0	31
92	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.	7.5	7
93	The impact of nitrogen oxides concentration decreases on ozone trends in the USA. Air Quality, Atmosphere and Health, 2015, 8, 283-292.	3.3	82
94	Ozone trends and their relationship to characteristic weather patterns. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 532-542.	3.9	21
95	Associations between Changes in City and Address Specific Temperature and QT Interval - The VA Normative Aging Study. PLoS ONE, 2014, 9, e106258.	2.5	14
96	Air pollution and gene-specific methylation in the Normative Aging Study. Epigenetics, 2014, 9, 448-458.	2.7	159
97	Brachial Artery Responses to Ambient Pollution, Temperature, and Humidity in People with Type 2 Diabetes: A Repeated-Measures Study. Environmental Health Perspectives, 2014, 122, 242-248.	6.0	50
98	Associations of Fine Particulate Matter Species with Mortality in the United States: A Multicity Time-Series Analysis. Environmental Health Perspectives, 2014, 122, 837-842.	6.0	236
99	Short-Term Changes in Ambient Temperature and Risk of Ischemic Stroke. Cerebrovascular Diseases Extra, 2014, 4, 9-18.	1.5	55
100	Isolated and synergistic effects of PM10 and average temperature on cardiovascular and respiratory mortality. Revista De Saude Publica, 2014, 48, 881-888.	1.7	42
101	Associations between arrhythmia episodes and temporally and spatially resolved black carbon and particulate matter in elderly patients. Occupational and Environmental Medicine, 2014, 71, 201-207.	2.8	52
102	Increasing CO2 threatens human nutrition. Nature, 2014, 510, 139-142.	27.8	1,024
103	Health effects of multi-pollutant profiles. Environment International, 2014, 71, 13-19.	10.0	67
104	Effect modification of ozone-related mortality risks by temperature in 97 US cities. Environment International, 2014, 73, 128-134.	10.0	81
105	A national case-crossover analysis of the short-term effect of PM2.5 on hospitalizations and mortality in subjects with diabetes and neurological disorders. Environmental Health, 2014, 13, 38.	4.0	159
106	What is the impact of systematically missing exposure data on air pollution health effect estimates?. Air Quality, Atmosphere and Health, 2014, 7, 415-420.	3.3	5
107	Short Term Effects of Particle Exposure on Hospital Admissions in the Mid-Atlantic States: A Population Estimate. PLoS ONE, 2014, 9, e88578.	2.5	87
108	Susceptibility to Mortality in Weather Extremes. Epidemiology, 2013, 24, 809-819.	2.7	148

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109	Opposing Effects of Particle Pollution, Ozone, and Ambient Temperature on Arterial Blood Pressure. Environmental Health Perspectives, 2012, 120, 241-246.	6.0	171
110	Summer temperature variability and long-term survival among elderly people with chronic disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6608-6613.	7.1	194
111	Geneâ€"Air Pollution Interaction and Cardiovascular Disease: A Review. Progress in Cardiovascular Diseases, 2011, 53, 344-352.	3.1	75
112	Ozone and Survival in Four Cohorts with Potentially Predisposing Diseases. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 836-841.	5.6	82
113	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
114	Repetitive element DNA methylation and circulating endothelial and inflammation markers in the VA normative aging study. Epigenetics, 2010, 5, 222-228.	2.7	106
115	Associations of PM₁₀ with Sleep and Sleep-disordered Breathing in Adults from Seven U.S. Urban Areas. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 819-825.	5.6	164
116	The Effect of Fine and Coarse Particulate Air Pollution on Mortality: A National Analysis. Environmental Health Perspectives, 2009, 117, 898-903.	6.0	550
117	Fine particulate air pollution and its components in association with cause-specific emergency admissions. Environmental Health, 2009, 8, 58.	4.0	410
118	T-Wave Alternans, Air Pollution and Traffic in High-Risk Subjects. American Journal of Cardiology, 2009, 104, 665-670.	1.6	43
119	Is there adaptation in the ozone mortality relationship: A multi-city case-crossover analysis. Environmental Health, 2008, 7, 22.	4.0	28
120	Particulate air pollution and survival in a COPD cohort. Environmental Health, 2008, 7, 48.	4.0	90
121	Temperature and Mortality in Nine US Cities. Epidemiology, 2008, 19, 563-570.	2.7	211
122	Mortality Displacement in the Association of Ozone with Mortality. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 184-189.	5.6	140
123	Particulate Air Pollution, Progression, and Survival after Myocardial Infarction. Environmental Health Perspectives, 2007, 115, 769-775.	6.0	102
124	Air pollution and emergency admissions in Boston, MA. Journal of Epidemiology and Community Health, 2006, 60, 890-895.	3.7	220
125	The Effect of Particulate Air Pollution on Emergency Admissions for Myocardial Infarction: A Multicity Case-Crossover Analysis. Environmental Health Perspectives, 2005, 113, 978-982.	6.0	305
126	Ambient Pollution and Blood Pressure in Cardiac Rehabilitation Patients. Circulation, 2004, 110, 2184-2189.	1.6	237

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127	Hierarchical bivariate time series models: a combined analysis of the effects of particulate matter on morbidity and mortality. Biostatistics, 2004, 5, 341-360.	1.5	17
128	The temporal pattern of respiratory and heart disease mortality in response to air pollution.. Environmental Health Perspectives, 2003, 111, 1188-1193.	6.0	238
129	The Temporal Pattern of Mortality Responses to Air Pollution: A Multicity Assessment of Mortality Displacement. Epidemiology, 2002, 13, 87-93.	2.7	207
130	Cardiovascular Damage by Airborne Particles: Are Diabetics More Susceptible?. Epidemiology, 2002, 13, 588-592.	2.7	190
131	Health effects of air pollution exposure on children and adolescents in SÃ£o Paulo, Brazil. Pediatric Pulmonology, 2001, 31, 106-113.	2.0	157
132	Are Diabetics More Susceptible to the Health Effects of Airborne Particles?. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 831-833.	5.6	151