

C Arden Pope Iii

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115
papers

59,597
citations

66
h-index

126
g-index

126
ext. papers

67,400
ext. citations

12.2
avg, IF

7.36
L-index

#	Paper	IF	Citations
115	Designing health impact functions to assess marginal changes in outdoor fine particulate matter. <i>Environmental Research</i> , 2022 , 204, 112245	7.9	2
114	Mortality risk associated with greenness, air pollution, and physical activity in a representative U.S. cohort.. <i>Science of the Total Environment</i> , 2022 , 824, 153848	10.2	2
113	Fine Particulate Matter Air Pollution and Mortality Risk Among US Cancer Patients and Survivors. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkab001	4.6	7
112	Shape of BMI-Mortality Risk Associations: Reverse Causality and Heterogeneity in a Representative Cohort of US Adults. <i>Obesity</i> , 2021 , 29, 755-766	8	2
111	Greenness, air pollution, and mortality risk: A U.S. cohort study of cancer patients and survivors. <i>Environment International</i> , 2021 , 157, 106797	12.9	4
110	Historic and Modern Air Pollution Studies Conducted in Utah. <i>Atmosphere</i> , 2020 , 11, 1094	2.7	0
109	Cancer mortality risk, fine particulate air pollution, and smoking in a large, representative cohort of US adults. <i>Cancer Causes and Control</i> , 2020 , 31, 767-776	2.8	25
108	Estimating long-term pollution exposure effects through inverse probability weighting methods with Cox proportional hazards models. <i>Environmental Epidemiology</i> , 2020 , 4, e085	0.2	1
107	Protocol to assess the efficacy of carnosine supplementation in mitigating the adverse cardiovascular responses to particulate matter (PM) exposure: the Nucleophilic Defense Against PM Toxicity (NEAT) trial. <i>BMJ Open</i> , 2020 , 10, e039118	3	0
106	Fine particulate air pollution and human mortality: 25+ years of cohort studies. <i>Environmental Research</i> , 2020 , 183, 108924	7.9	113
105	Fine Particulate Matter Exposure and Cancer Incidence: Analysis of SEER Cancer Registry Data from 1992-2016. <i>Environmental Health Perspectives</i> , 2020 , 128, 107004	8.4	17
104	Reducing Mortality from Air Pollution in the United States by Targeting Specific Emission Sources. <i>Environmental Science and Technology Letters</i> , 2020 , 7, 639-645	11	19
103	Outdoor air pollution and cancer: An overview of the current evidence and public health recommendations. <i>Ca-A Cancer Journal for Clinicians</i> , 2020 , 70, 460	220.7	97
102	Fine Particulate Matter and Respiratory Healthcare Encounters among Survivors of Childhood Cancers. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	12
101	Mortality Risk and Fine Particulate Air Pollution in a Large, Representative Cohort of U.S. Adults. <i>Environmental Health Perspectives</i> , 2019 , 127, 77007	8.4	86
100	Particulate matter air pollution and national and county life expectancy loss in the USA: A spatiotemporal analysis. <i>PLoS Medicine</i> , 2019 , 16, e1002856	11.6	62
99	Acute exposure to air pollution is associated with novel changes in blood levels of endothelin-1 and circulating angiogenic cells in young, healthy adults. <i>AIMS Environmental Science</i> , 2019 , 6, 265-276	1.9	3

98	Acute exposure to air pollution is associated with novel changes in blood levels of endothelin-1 and circulating angiogenic cells in young, healthy adults. <i>AIMS Environmental Science</i> , 2019 , 6, 265-276	1.9	3
97	Air pollution and mortality in a large, representative U.S. cohort: multiple-pollutant analyses, and spatial and temporal decompositions. <i>Environmental Health</i> , 2019 , 18, 101	6	17
96	Fine particles exposure and cardiopulmonary morbidity in Jeddah: A time-series analysis. <i>Science of the Total Environment</i> , 2019 , 647, 1314-1322	10.2	12
95	Short-Term Elevation of Fine Particulate Matter Air Pollution and Acute Lower Respiratory Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 759-766	10.2	175
94	Ambient PM2.5 Reduces Global and Regional Life Expectancy. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 546-551	11	187
93	Cardiovascular Disease and Fine Particulate Matter: Lessons and Limitations of an Integrated Exposure-Response Approach. <i>Circulation Research</i> , 2018 , 122, 1645-1647	15.7	51
92	Mortality risk and PM2.5 air pollution in the USA: an analysis of a national prospective cohort. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 245-252	5.6	36
91	Global estimates of mortality associated with long-term exposure to outdoor fine particulate matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9592-9597	11.5	810
90	Interactions between cigarette smoking and ambient PM for cardiovascular mortality. <i>Environmental Research</i> , 2017 , 154, 304-310	7.9	44
89	Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015. <i>Lancet, The</i> , 2017 , 389, 1907-1918	40	2658
88	Ambient Air Pollution and Cancer Mortality in the Cancer Prevention Study II. <i>Environmental Health Perspectives</i> , 2017 , 125, 087013	8.4	106
87	Comparing the Health Effects of Ambient Particulate Matter Estimated Using Ground-Based versus Remote Sensing Exposure Estimates. <i>Environmental Health Perspectives</i> , 2017 , 125, 552-559	8.4	87
86	Fine Particulate Air Pollution and Mortality: Response to Enstrom® Reanalysis of the American Cancer Society Cancer Prevention Study II Cohort. <i>Dose-Response</i> , 2017 , 15, 1559325817746303	2.3	7
85	Kawasaki Disease and Exposure to Fine Particulate Air Pollution. <i>Journal of Pediatrics</i> , 2016 , 177, 179-183	6.1	16
84	Exposure to Fine Particulate Air Pollution Is Associated With Endothelial Injury and Systemic Inflammation. <i>Circulation Research</i> , 2016 , 119, 1204-1214	15.7	331
83	Meta-Analysis Methods to Estimate the Shape and Uncertainty in the Association Between Long-Term Exposure to Ambient Fine Particulate Matter and Cause-Specific Mortality Over the Global Concentration Range. <i>Risk Analysis</i> , 2016 , 36, 1813-1825	3.9	11
82	"What We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Health". <i>Environmental Science & Technology</i> , 2016 , 50, 4895-904	10.3	229
81	Long-Term Ozone Exposure and Mortality in a Large Prospective Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 1134-42	10.2	366

80	Ischemic Heart Disease Mortality and Long-Term Exposure to Source-Related Components of U.S. Fine Particle Air Pollution. <i>Environmental Health Perspectives</i> , 2016 , 124, 785-94	8.4	223
79	Particulate Air Pollution, Exceptional Aging, and Rates of Centenarians: A Nationwide Analysis of the United States, 1980-2010. <i>Environmental Health Perspectives</i> , 2016 , 124, 1744-1750	8.4	10
78	Countervailing effects of income, air pollution, smoking, and obesity on aging and life expectancy: population-based study of U.S. Counties. <i>Environmental Health</i> , 2016 , 15, 86	6	13
77	A Quasi-Experimental Analysis of Elementary School Absences and Fine Particulate Air Pollution. <i>Medicine (United States)</i> , 2016 , 95, e2916	1.8	12
76	Association between EMS calls and fine particulate air pollution in Utah. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 887-897	5.6	9
75	A class of non-linear exposure-response models suitable for health impact assessment applicable to large cohort studies of ambient air pollution. <i>Air Quality, Atmosphere and Health</i> , 2016 , 9, 961-972	5.6	79
74	Health benefits of air pollution abatement policy: Role of the shape of the concentration-response function. <i>Journal of the Air and Waste Management Association</i> , 2015 , 65, 516-22	2.4	83
73	Air pollution and cardiovascular disease. <i>Current Problems in Cardiology</i> , 2015 , 40, 207-38	17.1	277
72	Tradeoffs between income, air pollution and life expectancy: Brief report on the US experience, 1980-2000. <i>Environmental Research</i> , 2015 , 142, 591-3	7.9	11
71	Relationships between fine particulate air pollution, cardiometabolic disorders, and cardiovascular mortality. <i>Circulation Research</i> , 2015 , 116, 108-15	15.7	241
70	Short-Term Exposure to Fine Particulate Matter Air Pollution Is Preferentially Associated With the Risk of ST-Segment Elevation Acute Coronary Events. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	71
69	Chemical Composition of Fine Particulate Matter and Life Expectancy: In 95 US Counties Between 2002 and 2007. <i>Epidemiology</i> , 2015 , 26, 556-64	3.1	44
68	Ambient PM _{2.5} , O ₃ and NO ₂ Exposures and Associations with Mortality over 16 Years of Follow-Up in the Canadian Census Health and Environment Cohort (CanCHEC). <i>Environmental Health Perspectives</i> , 2015 , 123, 1180-6	8.4	303
67	An integrated risk function for estimating the global burden of disease attributable to ambient fine particulate matter exposure. <i>Environmental Health Perspectives</i> , 2014 , 122, 397-403	8.4	1100
66	Indirect adjustment for multiple missing variables applicable to environmental epidemiology. <i>Environmental Research</i> , 2014 , 134, 482-7	7.9	46
65	Interactions between cigarette smoking and fine particulate matter in the Risk of Lung Cancer Mortality in Cancer Prevention Study II. <i>American Journal of Epidemiology</i> , 2014 , 180, 1145-9	3.8	48
64	Spatial analysis of air pollution and mortality in California. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 593-9	10.2	227
63	Long-term fine particulate matter exposure and mortality from diabetes in Canada. <i>Diabetes Care</i> , 2013 , 36, 3313-20	14.6	119

62	Fine particulate air pollution and life expectancies in the United States: the role of influential observations. <i>Journal of the Air and Waste Management Association</i> , 2013 , 63, 129-32	2.4	34
61	Air pollution and life expectancy in China and beyond. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12861-2	11.5	71
60	Effect of air pollution control on life expectancy in the United States: an analysis of 545 U.S. counties for the period from 2000 to 2007. <i>Epidemiology</i> , 2013 , 24, 23-31	3.1	260
59	Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet, The</i> , 2012 , 380, 2095-128	40	8873
58	A comparative risk assessment of burden of disease and injury attributable to 67 risk factors and risk factor clusters in 21 regions, 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet, The</i> , 2012 , 380, 2224-60	40	7625
57	Progress in research to assess the effectiveness of air quality interventions towards improving public health. <i>Air Quality, Atmosphere and Health</i> , 2012 , 5, 217-230	5.6	30
56	Validity of observational studies in accountability analyses: the case of air pollution and life expectancy. <i>Air Quality, Atmosphere and Health</i> , 2012 , 5, 231-235	5.6	4
55	Confounding and exposure measurement error in air pollution epidemiology. <i>Air Quality, Atmosphere and Health</i> , 2012 , 5, 203-216	5.6	142
54	Risk of nonaccidental and cardiovascular mortality in relation to long-term exposure to low concentrations of fine particulate matter: a Canadian national-level cohort study. <i>Environmental Health Perspectives</i> , 2012 , 120, 708-14	8.4	396
53	Long-term ambient fine particulate matter air pollution and lung cancer in a large cohort of never-smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 1374-81	10.2	350
52	Lung cancer and cardiovascular disease mortality associated with ambient air pollution and cigarette smoke: shape of the exposure-response relationships. <i>Environmental Health Perspectives</i> , 2011 , 119, 1616-21	8.4	475
51	Atrial fibrillation hospitalization is not increased with short-term elevations in exposure to fine particulate air pollution. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2011 , 34, 1475-9	1.6	31
50	How is cardiovascular disease mortality risk affected by duration and intensity of fine particulate matter exposure? An integration of the epidemiologic evidence. <i>Air Quality, Atmosphere and Health</i> , 2011 , 4, 5-14	5.6	99
49	Vascular function and short-term exposure to fine particulate air pollution. <i>Journal of the Air and Waste Management Association</i> , 2011 , 61, 858-63	2.4	43
48	Design and characterization of a two-stage human subject exposure chamber. <i>Journal of the Air and Waste Management Association</i> , 2011 , 61, 864-71	2.4	3
47	Radon and lung cancer in the American Cancer Society cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 438-48	4	74
46	Episodic exposure to fine particulate air pollution decreases circulating levels of endothelial progenitor cells. <i>Circulation Research</i> , 2010 , 107, 200-3	15.7	101
45	Particulate matter air pollution and cardiovascular disease: An update to the scientific statement from the American Heart Association. <i>Circulation</i> , 2010 , 121, 2331-78	16.7	4009

44	Cardiovascular mortality and exposure to airborne fine particulate matter and cigarette smoke: shape of the exposure-response relationship. <i>Circulation</i> , 2009 , 120, 941-8	16.7	516
43	Long-term ozone exposure and mortality. <i>New England Journal of Medicine</i> , 2009 , 360, 1085-95	59.2	935
42	Fine-particulate air pollution and life expectancy in the United States. <i>New England Journal of Medicine</i> , 2009 , 360, 376-86	59.2	1487
41	The expanding role of air pollution in cardiovascular disease: does air pollution contribute to risk of deep vein thrombosis?. <i>Circulation</i> , 2009 , 119, 3050-2	16.7	16
40	Use of health information in air pollution health research: past successes and emerging needs. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2009 , 19, 45-58	6.7	16
39	Public health benefits of strategies to reduce greenhouse-gas emissions: health implications of short-lived greenhouse pollutants. <i>Lancet, The</i> , 2009 , 374, 2091-2103	40	296
38	Extended follow-up and spatial analysis of the American Cancer Society study linking particulate air pollution and mortality. <i>Research Report (health Effects Institute)</i> , 2009 , 5-114; discussion 115-36	0.9	237
37	Relation of heart failure hospitalization to exposure to fine particulate air pollution. <i>American Journal of Cardiology</i> , 2008 , 102, 1230-4	3	106
36	Mortality effects of longer term exposures to fine particulate air pollution: review of recent epidemiological evidence. <i>Inhalation Toxicology</i> , 2007 , 19 Suppl 1, 33-8	2.7	186
35	Mortality from Copper Smelter Emissions: Pope Responds. <i>Environmental Health Perspectives</i> , 2007 , 115,	8.4	1
34	Mortality effects of a copper smelter strike and reduced ambient sulfate particulate matter air pollution. <i>Environmental Health Perspectives</i> , 2007 , 115, 679-83	8.4	91
33	Smelters and Mortality: Pope et al. Respond. <i>Environmental Health Perspectives</i> , 2007 , 115,	8.4	78
32	Ischemic heart disease events triggered by short-term exposure to fine particulate air pollution. <i>Circulation</i> , 2006 , 114, 2443-8	16.7	423
31	Health effects of fine particulate air pollution: lines that connect. <i>Journal of the Air and Waste Management Association</i> , 2006 , 56, 709-42	2.4	4257
30	Health effects of fine particulate air pollution: lines that connect. <i>Journal of the Air and Waste Management Association</i> , 2006 , 56, 1368-80	2.4	169
29	Mortality and long-term exposure to ambient air pollution: ongoing analyses based on the American Cancer Society cohort. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2005 , 68, 1093-109	3.2	136
28	Spatial analysis of air pollution and mortality in Los Angeles. <i>Epidemiology</i> , 2005 , 16, 727-36	3.1	713
27	Ambient particulate air pollution, heart rate variability, and blood markers of inflammation in a panel of elderly subjects. <i>Environmental Health Perspectives</i> , 2004 , 112, 339-45	8.4	375

26	Air pollution and health - good news and bad. <i>New England Journal of Medicine</i> , 2004 , 351, 1132-4	59.2	66
25	Cardiovascular mortality and long-term exposure to particulate air pollution: epidemiological evidence of general pathophysiological pathways of disease. <i>Circulation</i> , 2004 , 109, 71-7	16.7	1898
24	Comments on the reanalysis project. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003 , 66, 1689-96; discussion 1715-22	3.2	
23	Lung cancer, cardiopulmonary mortality, and long-term exposure to fine particulate air pollution. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 1132-41	27.4	5233
22	Sources of Fine Particulate Material along the Wasatch Front. <i>Energy & Fuels</i> , 2002 , 16, 282-293	4.1	18
21	Cardiopulmonary mortality and air pollution. <i>Lancet, The</i> , 2002 , 360, 1184-5	4.0	85
20	What do epidemiologic findings tell us about health effects of environmental aerosols?. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2000 , 13, 335-54		100
19	Particulate matter-mortality exposure-response relations and threshold. <i>American Journal of Epidemiology</i> , 2000 , 152, 407-12	3.8	49
18	Epidemiology of Fine Particulate Air Pollution and Human Health: Biologic Mechanisms and Who's at Risk?. <i>Environmental Health Perspectives</i> , 2000 , 108, 713	8.4	355
17	Epidemiology of Particle Effects 1999 , 673-705		112
16	Mortality and Air Pollution: Associations Persist with Continued Advances in Research Methodology. <i>Environmental Health Perspectives</i> , 1999 , 107, 613	8.4	51
15	Respiratory changes due to long-term exposure to urban levels of air pollution: a histopathologic study in humans. <i>Chest</i> , 1998 , 113, 1312-8	5.3	77
14	Report of the Particulate Matter Research Strategies Workshop, Park City, Utah, April 29-30, 1996. <i>Journal of Occupational and Environmental Hygiene</i> , 1998 , 13, 485-493		1
13	Epidemiology Investigations of the Health Effects of Particulate Air Pollution: Strengths and Limitations. <i>Journal of Occupational and Environmental Hygiene</i> , 1998 , 13, 356-363		1
12	Air pollution and mortality in elderly people: a time-series study in Sao Paulo, Brazil. <i>Archives of Environmental Health</i> , 1995 , 50, 159-63		185
11	Particulate air pollution as a predictor of mortality in a prospective study of U.S. adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995 , 151, 669-74	10.2	1935
10	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. <i>Inhalation Toxicology</i> , 1995 , 7, 1-18	2.7	557
9	Lung Cancer and Air Pollution. <i>Environmental Health Perspectives</i> , 1995 , 103, 219	8.4	26

8	EXTERNAL HEALTH COSTS OF A STEEL MILL. <i>Contemporary Economic Policy</i> , 1995 , 13, 86-97	1	39
7	An association between air pollution and mortality in six U.S. cities. <i>New England Journal of Medicine</i> , 1993 , 329, 1753-9	59.2	5667
6	Acute effects of PM10 pollution on pulmonary function of smokers with mild to moderate chronic obstructive pulmonary disease. <i>The American Review of Respiratory Disease</i> , 1993 , 147, 1336-40		143
5	Daily mortality and PM10 pollution in Utah Valley. <i>Archives of Environmental Health</i> , 1992 , 47, 211-7		470
4	Acute health effects of PM10 pollution on symptomatic and asymptomatic children. <i>The American Review of Respiratory Disease</i> , 1992 , 145, 1123-8		363
3	Elementary school absences and PM10 pollution in Utah Valley. <i>Environmental Research</i> , 1992 , 58, 204-19.9		132
2	Respiratory hospital admissions associated with PM10 pollution in Utah, Salt Lake, and Cache Valleys. <i>Archives of Environmental Health</i> , 1991 , 46, 90-7		334
1	Respiratory health and PM10 pollution. A daily time series analysis. <i>The American Review of Respiratory Disease</i> , 1991 , 144, 668-74		485