

C Arden Pope Iii

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4425791/c-arden-pope-iii-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
114	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
113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	Long-term ozone exposure and mortality. <i>New England Journal of Medicine</i> , 2009 , 360, 1085-95	59.2	935
103	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
102	Spatial analysis of air pollution and mortality in Los Angeles. <i>Epidemiology</i> , 2005 , 16, 727-36	3.1	713
101	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. <i>Inhalation Toxicology</i> , 1995 , 7, 1-18	2.7	557
100	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
99	Respiratory health and PM10 pollution. A daily time series analysis. <i>The American Review of Respiratory Disease</i> , 1991 , 144, 668-74		485

98	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
97	Daily mortality and PM10 pollution in Utah Valley. <i>Archives of Environmental Health</i> , 1992 , 47, 211-7		470
96	Ischemic heart disease events triggered by short-term exposure to fine particulate air pollution. <i>Circulation</i> , 2006 , 114, 2443-8	16.7	423
95	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
94	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
93	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
92	Acute health effects of PM10 pollution on symptomatic and asymptomatic children. <i>The American Review of Respiratory Disease</i> , 1992 , 145, 1123-8		363
91	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
90	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
89	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
88	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
87	Ambient PM2.5, 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
86	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
85	Air pollution and cardiovascular disease. <i>Current Problems in Cardiology</i> , 2015 , 40, 207-38	17.1	277
84	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
83	Relationships between fine particulate air pollution, cardiometabolic disorders, and cardiovascular mortality. <i>Circulation Research</i> , 2015 , 116, 108-15	15.7	241
82	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
81	"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

80	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
79	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
78	Ambient PM2.5 Reduces Global and Regional Life Expectancy. <i>Environmental Science and Technology Letters</i> , 2018 , 5, 546-551	11	187
77	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
76	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
75	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
74	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
73	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
72	Confounding and exposure measurement error in air pollution epidemiology. <i>Air Quality, Atmosphere and Health</i> , 2012 , 5, 203-216	5.6	142
71	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
70	Elementary school absences and PM10 pollution in Utah Valley. <i>Environmental Research</i> , 1992 , 58, 204-19.9		132
69	Long-term fine particulate matter exposure and mortality from diabetes in Canada. <i>Diabetes Care</i> , 2013 , 36, 3313-20	14.6	119
68	Fine particulate air pollution and human mortality: 25+ years of cohort studies. <i>Environmental Research</i> , 2020 , 183, 108924	7.9	113
67	Epidemiology of Particle Effects 1999 , 673-705		112
66	Ambient Air Pollution and Cancer Mortality in the Cancer Prevention Study II. <i>Environmental Health Perspectives</i> , 2017 , 125, 087013	8.4	106
65	Relation of heart failure hospitalization to exposure to fine particulate air pollution. <i>American Journal of Cardiology</i> , 2008 , 102, 1230-4	3	106
64	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
63	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

62	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
61	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
60	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
59	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
58	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
57	Cardiopulmonary mortality and air pollution. <i>Lancet, The</i> , 2002 , 360, 1184-5	40	85
56	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
55	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
54	Smelters and Mortality: Pope et al. Respond. <i>Environmental Health Perspectives</i> , 2007 , 115,	8.4	78
53	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
52	Radon and lung cancer in the American Cancer Society cohort. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011 , 20, 438-48	4	74
51	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
50	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
49	Air pollution and health - good news and bad. <i>New England Journal of Medicine</i> , 2004 , 351, 1132-4	59.2	66
48	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
47	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
46	Mortality and Air Pollution: Associations Persist with Continued Advances in Research Methodology. <i>Environmental Health Perspectives</i> , 1999 , 107, 613	8.4	51
45	Particulate matter-mortality exposure-response relations and threshold. <i>American Journal of Epidemiology</i> , 2000 , 152, 407-12	3.8	49

44	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
43	Indirect adjustment for multiple missing variables applicable to environmental epidemiology. <i>Environmental Research</i> , 2014 , 134, 482-7	7.9	46
42	Interactions between cigarette smoking and ambient PM for cardiovascular mortality. <i>Environmental Research</i> , 2017 , 154, 304-310	7.9	44
41	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
40	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
39	EXTERNAL HEALTH COSTS OF A STEEL MILL. <i>Contemporary Economic Policy</i> , 1995 , 13, 86-97	1	39
38	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
37	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
36	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
35	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
34	Lung Cancer and Air Pollution. <i>Environmental Health Perspectives</i> , 1995 , 103, 219	8.4	26
33	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
32	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
31	Sources of Fine Particulate Material along the Wasatch Front. <i>Energy & Fuels</i> , 2002 , 16, 282-293	4.1	18
30	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
29	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
28	Kawasaki Disease and Exposure to Fine Particulate Air Pollution. <i>Journal of Pediatrics</i> , 2016 , 177, 179-183.61	16	16
27	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

26	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
25	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
24	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
23	A Quasi-Experimental Analysis of Elementary School Absences and Fine Particulate Air Pollution. <i>Medicine (United States)</i> , 2016 , 95, e2916	1.8	12
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	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
10	Designing health impact functions to assess marginal changes in outdoor fine particulate matter. <i>Environmental Research</i> , 2022 , 204, 112245	7.9	2
9	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

8	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
7	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
6	Mortality from Copper Smelter Emissions: Pope Responds. <i>Environmental Health Perspectives</i> , 2007 , 115,	8.4	1
5	Report of the Particulate Matter Research Strategies Workshop, Park City, Utah, April 29 th , 1996. <i>Journal of Occupational and Environmental Hygiene</i> , 1998 , 13, 485-493		1
4	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
3	Historic and Modern Air Pollution Studies Conducted in Utah. <i>Atmosphere</i> , 2020 , 11, 1094	2.7	0
2	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
1	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	