

# Douglas W Dockery

## List of Publications by Citations

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125  
papers

31,455  
citations

69  
h-index

130  
g-index

130  
ext. papers

34,171  
ext. citations

9  
avg, IF

7.06  
L-index

#	Paper	IF	Citations
125	An association between air pollution and mortality in six U.S. cities. <i>New England Journal of Medicine</i> , <b>1993</b> , 329, 1753-9	59.2	5667
124	Health effects of fine particulate air pollution: lines that connect. <i>Journal of the Air and Waste Management Association</i> , <b>2006</b> , 56, 709-42	2.4	4257
123	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> , <b>1995</b> , 151, 669-74	10.2	1935
122	Fine-particulate air pollution and life expectancy in the United States. <i>New England Journal of Medicine</i> , <b>2009</b> , 360, 376-86	59.2	1487
121	Increased particulate air pollution and the triggering of myocardial infarction. <i>Circulation</i> , <b>2001</b> , 103, 2810-5	16.7	1081
120	Is Daily Mortality Associated Specifically with Fine Particles?. <i>Journal of the Air and Waste Management Association</i> , <b>1996</b> , 46, 927-939	2.4	1043
119	Reduction in fine particulate air pollution and mortality: Extended follow-up of the Harvard Six Cities study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 173, 667-72	10.2	1022
118	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> , <b>2012</b> , 120, 965-70	8.4	610
117	Increased mortality in Philadelphia associated with daily air pollution concentrations. <i>The American Review of Respiratory Disease</i> , <b>1992</b> , 145, 600-4		563
116	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. <i>Inhalation Toxicology</i> , <b>1995</b> , 7, 1-18	2.7	557
115	Pulmonary function between 6 and 18 years of age. <i>Pediatric Pulmonology</i> , <b>1993</b> , 15, 75-88	3.5	544
114	Air pollution and incidence of cardiac arrhythmia. <i>Epidemiology</i> , <b>2000</b> , 11, 11-7	3.1	512
113	Effects of inhalable particles on respiratory health of children. <i>The American Review of Respiratory Disease</i> , <b>1989</b> , 139, 587-94		509
112	Effect of air-pollution control on death rates in Dublin, Ireland: an intervention study. <i>Lancet, The</i> , <b>2002</b> , 360, 1210-4	40	491
111	Respiratory health and PM10 pollution. A daily time series analysis. <i>The American Review of Respiratory Disease</i> , <b>1991</b> , 144, 668-74		485
110	Heart rate variability associated with particulate air pollution. <i>American Heart Journal</i> , <b>1999</b> , 138, 890-9	4.9	461
109	Air pollution and daily mortality: associations with particulates and acid aerosols. <i>Environmental Research</i> , <b>1992</b> , 59, 362-73	7.9	440

108	Effects of cigarette smoking on lung function in adolescent boys and girls. <i>New England Journal of Medicine</i> , <b>1996</b> , 335, 931-7	59.2	422
107	Acute health effects of PM10 pollution on symptomatic and asymptomatic children. <i>The American Review of Respiratory Disease</i> , <b>1992</b> , 145, 1123-8		363
106	Predictors of asthma and persistent wheeze in a national sample of children in the United States. Association with social class, perinatal events, and race. <i>The American Review of Respiratory Disease</i> , <b>1990</b> , 142, 555-62		344
105	Particulate air pollution and daily mortality in Steubenville, Ohio. <i>American Journal of Epidemiology</i> , <b>1992</b> , 135, 12-9; discussion 20-5	3.8	293
104	Home dampness and respiratory morbidity in children. <i>The American Review of Respiratory Disease</i> , <b>1989</b> , 140, 1363-7		275
103	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> , <b>2013</b> , 24, 23-31	3.1	260
102	The effect of chelation therapy with succimer on neuropsychological development in children exposed to lead. <i>New England Journal of Medicine</i> , <b>2001</b> , 344, 1421-6	59.2	260
101	Cardiovascular risks from fine particulate air pollution. <i>New England Journal of Medicine</i> , <b>2007</b> , 356, 511-3	39.2	237
100	"What We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Health". <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 4895-904	10.3	229
99	Health effects of particulate air pollution. <i>Annals of Epidemiology</i> , <b>2009</b> , 19, 257-63	6.4	212
98	FEV(1) is associated with risk of asthma attacks in a pediatric population. <i>Journal of Allergy and Clinical Immunology</i> , <b>2001</b> , 107, 61-7	11.5	210
97	Association of air pollution with increased incidence of ventricular tachyarrhythmias recorded by implanted cardioverter defibrillators. <i>Environmental Health Perspectives</i> , <b>2005</b> , 113, 670-4	8.4	209
96	Body-mass index as a predictor of incident asthma in a prospective cohort of children. <i>Pediatric Pulmonology</i> , <b>2003</b> , 36, 514-21	3.5	193
95	Association of indoor nitrogen dioxide with respiratory symptoms and pulmonary function in children. <i>American Journal of Epidemiology</i> , <b>1991</b> , 134, 204-19	3.8	188
94	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. <i>Environmental Health</i> , <b>2008</b> , 7, 39	6	186
93	Longitudinal and cross-sectional estimates of pulmonary function decline in never-smoking adults. <i>American Journal of Epidemiology</i> , <b>1990</b> , 132, 685-700	3.8	186
92	Air pollution and mortality in elderly people: a time-series study in Sao Paulo, Brazil. <i>Archives of Environmental Health</i> , <b>1995</b> , 50, 159-63		185
91	Cumulative and reversible effects of lifetime smoking on simple tests of lung function in adults. <i>The American Review of Respiratory Disease</i> , <b>1988</b> , 137, 286-92		183

90	Distribution of forced expiratory volume in one second and forced vital capacity in healthy, white, adult never-smokers in six U.S. cities. <i>The American Review of Respiratory Disease</i> , <b>1985</b> , 131, 511-20		181
89	Association of short-term ambient air pollution concentrations and ventricular arrhythmias. <i>American Journal of Epidemiology</i> , <b>2005</b> , 161, 1123-32	3.8	180
88	Maternal smoking during pregnancy as a predictor of lung function in children. <i>American Journal of Epidemiology</i> , <b>1994</b> , 139, 1139-52	3.8	180
87	Effects of cigarette smoking on rate of loss of pulmonary function in adults: a longitudinal assessment. <i>The American Review of Respiratory Disease</i> , <b>1992</b> , 146, 1345-8		176
86	Health effects of fine particulate air pollution: lines that connect. <i>Journal of the Air and Waste Management Association</i> , <b>2006</b> , 56, 1368-80	2.4	169
85	Cause-specific mortality and the extended effects of particulate pollution and temperature exposure. <i>Environmental Health Perspectives</i> , <b>2004</b> , 112, 179-85	8.4	163
84	Lung cancer in railroad workers exposed to diesel exhaust. <i>Environmental Health Perspectives</i> , <b>2004</b> , 112, 1539-43	8.4	153
83	Effect of chelation therapy on the neuropsychological and behavioral development of lead-exposed children after school entry. <i>Pediatrics</i> , <b>2004</b> , 114, 19-26	7.4	149
82	The effect of disinfection by-products and mutagenic activity on birth weight and gestational duration. <i>Environmental Health Perspectives</i> , <b>2004</b> , 112, 920-5	8.4	142
81	Race and gender differences in respiratory illness prevalence and their relationship to environmental exposures in children 7 to 14 years of age. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 148, 10-8		131
80	Longitudinal lung function decline in subjects with respiratory symptoms. <i>The American Review of Respiratory Disease</i> , <b>1992</b> , 146, 855-9		130
79	Acute exposure to air pollution triggers atrial fibrillation. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 816-25	15.1	126
78	Long-term ambient multipollutant exposures and mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 183, 73-8	10.2	120
77	Health effects of air pollution exposure on children and adolescents in S̃o Paulo, Brazil. <i>Pediatric Pulmonology</i> , <b>2001</b> , 31, 106-13	3.5	120
76	The association of ambient air pollution with twice daily peak expiratory flow rate measurements in children. <i>American Journal of Epidemiology</i> , <b>1995</b> , 141, 111-22	3.8	116
75	Increased risk of paroxysmal atrial fibrillation episodes associated with acute increases in ambient air pollution. <i>Environmental Health Perspectives</i> , <b>2006</b> , 114, 120-3	8.4	115
74	Epidemiology of Particle Effects <b>1999</b> , 673-705		112
73	A single measure of FEV1 is associated with risk of asthma attacks in long-term follow-up. <i>Chest</i> , <b>2004</b> , 126, 1875-82	5.3	105

72	Pulmonary function growth velocity in children 6 to 18 years of age. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 148, 1502-8		105
71	Respiratory Symptoms and Housing Characteristics. <i>Indoor Air</i> , <b>1994</b> , 4, 72-82	5.4	104
70	Change in pulmonary function in children associated with air pollution episodes. <i>Journal of the Air Pollution Control Association</i> , <b>1982</b> , 32, 937-42		103
69	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> , <b>2011</b> , 4, 5-14	5.6	99
68	Sulfur dioxide and nitrogen dioxide levels inside and outside homes and the implications on health effects research. <i>Environmental Science &amp; Technology</i> , <b>1979</b> , 13, 1276-1280	10.3	99
67	The U.S. Environmental Protection Agency Particulate Matter Health Effects Research Centers Program: a midcourse report of status, progress, and plans. <i>Environmental Health Perspectives</i> , <b>2003</b> , 111, 1074-92	8.4	98
66	Personal exposure to respirable particulates and sulfates. <i>Journal of the Air Pollution Control Association</i> , <b>1981</b> , 31, 153-9		92
65	Is daily mortality associated specifically with fine particles? Data reconstruction and replication of analyses. <i>Journal of the Air and Waste Management Association</i> , <b>2000</b> , 50, 1215-22	2.4	88
64	Epidemiologic Evidence of Cardiovascular Effects of Particulate Air Pollution. <i>Environmental Health Perspectives</i> , <b>2001</b> , 109, 483	8.4	87
63	Longitudinal height velocity standards for U.S. adolescents. <i>Statistics in Medicine</i> , <b>1993</b> , 12, 403-14	2.3	85
62	Concentration of indoor particulate matter as a determinant of respiratory health in children. <i>American Journal of Epidemiology</i> , <b>1994</b> , 139, 1088-99	3.8	84
61	Airborne Coarse Particles and Mortality. <i>Inhalation Toxicology</i> , <b>2000</b> , 12, 61-72	2.7	83
60	Exposure-response relationships between occupational exposures and chronic respiratory illness: a community-based study. <i>The American Review of Respiratory Disease</i> , <b>1992</b> , 146, 413-8		83
59	Indoor air pollution and pulmonary function growth in preadolescent children. <i>American Journal of Epidemiology</i> , <b>1986</b> , 123, 250-60	3.8	81
58	Air pollution and life expectancy in China and beyond. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 12861-2	11.5	71
57	Effects of air pollution on adult pulmonary function. <i>Archives of Environmental Health</i> , <b>1991</b> , 46, 198-206		71
56	Short-term effects of air pollution on heart rate variability in senior adults in Steubenville, Ohio. <i>Journal of Occupational and Environmental Medicine</i> , <b>2006</b> , 48, 780-8	2	64
55	Age, period, and cohort effects on pulmonary function in a 24-year longitudinal study. <i>American Journal of Epidemiology</i> , <b>1995</b> , 141, 554-66	3.8	63

54	Particulate matter concentrations during desert dust outbreaks and daily mortality in Nicosia, Cyprus. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2013</b> , 23, 275-80	6.7	61
53	Explaining discrepancies between longitudinal and cross-sectional models. <i>Journal of Chronic Diseases</i> , <b>1986</b> , 39, 831-9		60
52	Air pollution and the triggering of cardiac arrhythmias. <i>Current Opinion in Cardiology</i> , <b>2010</b> , 25, 16-22	2.1	59
51	Association of air pollution with hospital outpatient visits in Beijing. <i>Archives of Environmental Health</i> , <b>1995</b> , 50, 214-20		58
50	Spatial modeling of PM10 and NO2 in the continental United States, 1985-2000. <i>Environmental Health Perspectives</i> , <b>2009</b> , 117, 1690-6	8.4	57
49	Household Air Pollution from Solid Fuel Use: Evidence for Links to CVD. <i>Global Heart</i> , <b>2012</b> , 7, 223-34	2.9	51
48	Traffic-related exposures and biomarkers of systemic inflammation, endothelial activation and oxidative stress: a panel study in the US trucking industry. <i>Environmental Health</i> , <b>2013</b> , 12, 105	6	46
47	3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone (MX) and mutagenic activity in Massachusetts drinking water. <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, 157-64	8.4	46
46	The association between health status and the performance of excessively variable spirometry tests in a population-based study in six U.S. cities. <i>The American Review of Respiratory Disease</i> , <b>1987</b> , 136, 1371-6		45
45	Chemical Composition of Fine Particulate Matter and Life Expectancy: In 95 US Counties Between 2002 and 2007. <i>Epidemiology</i> , <b>2015</b> , 26, 556-64	3.1	44
44	Longitudinal studies of air pollution effects on lung function. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>1996</b> , 154, S250-6	10.2	44
43	Volcanic air pollution over the Island of Hawai'i: Emissions, dispersal, and composition. Association with respiratory symptoms and lung function in Hawai'i Island school children. <i>Environment International</i> , <b>2016</b> , 92-93, 543-52	12.9	43
42	Systemic inflammation, heart rate variability and air pollution in a cohort of senior adults. <i>Occupational and Environmental Medicine</i> , <b>2010</b> , 67, 625-30	2.1	42
41	Violence exposure, a chronic psychosocial stressor, and childhood lung function. <i>Psychosomatic Medicine</i> , <b>2008</b> , 70, 160-9	3.7	41
40	Risk of lung cancer from environmental exposures to tobacco smoke. <i>Cancer Causes and Control</i> , <b>1997</b> , 8, 333-45	2.8	39
39	Daily indoor-to-outdoor temperature and humidity relationships: a sample across seasons and diverse climatic regions. <i>International Journal of Biometeorology</i> , <b>2016</b> , 60, 221-9	3.7	34
38	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> , <b>2013</b> , 63, 129-32	2.4	34
37	What makes a child allergic? Analysis of risk factors for allergic sensitization in preschool children from East and West Germany. <i>Allergy and Asthma Proceedings</i> , <b>1999</b> , 20, 23-7	2.6	28

36	Effect of air pollution control on mortality and hospital admissions in Ireland. <i>Research Report (health Effects Institute)</i> , <b>2013</b> , 3-109	0.9	24
35	Depressive symptoms and comorbid problems in pregnancy - results from a population based study. <i>Journal of Psychosomatic Research</i> , <b>2018</b> , 112, 53-58	4.1	23
34	Postnatal depressive symptoms in women with and without antenatal depressive symptoms: results from a prospective cohort study. <i>Archives of Women's Mental Health</i> , <b>2019</b> , 22, 93-103	5	21
33	Effect of Air Pollution Controls on Black Smoke and Sulfur Dioxide Concentrations across Ireland. <i>Journal of the Air and Waste Management Association</i> , <b>2009</b> , 59, 207-213	2.4	21
32	Feasibility of a large cohort study in sub-Saharan Africa assessed through a four-country study. <i>Global Health Action</i> , <b>2015</b> , 8, 27422	3	20
31	Maximal and partial expiratory flow rates in a population sample of 10- to 11-yr-old schoolchildren. Effect of volume history and relation to asthma and maternal smoking. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2000</b> , 162, 436-9	10.2	20
30	Epidemiologic Studies on Short-Term Effects of Low Levels of Major Ambient Air Pollution Components. <i>Environmental Health Perspectives</i> , <b>1995</b> , 103, 3	8.4	20
29	Particulate air pollution and nonfatal cardiac events. Part II. Association of air pollution with confirmed arrhythmias recorded by implanted defibrillators. <i>Research Report (health Effects Institute)</i> , <b>2005</b> , 83-126; discussion 127-48	0.9	20
28	Sensitive Subgroups and Normal Variation in Pulmonary Function Response to Air Pollution Episodes. <i>Environmental Health Perspectives</i> , <b>1991</b> , 90, 189	8.4	17
27	Occupational vehicle-related particulate exposure and inflammatory markers in trucking industry workers. <i>Environmental Research</i> , <b>2016</b> , 148, 310-317	7.9	17
26	Assessment of cleaning to control lead dust in homes of children with moderate lead poisoning: treatment of lead-exposed children trial. <i>Environmental Health Perspectives</i> , <b>2002</b> , 110, A773-9	8.4	16
25	Drier air, lower temperatures, and triggering of paroxysmal atrial fibrillation. <i>Epidemiology</i> , <b>2015</b> , 26, 374-80	3.1	15
24	Weather and triggering of ventricular arrhythmias in patients with implantable cardioverter-defibrillators. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2015</b> , 25, 175-81	6.7	13
23	Guidance to Reduce the Cardiovascular Burden of Ambient Air Pollutants: A Policy Statement From the American Heart Association. <i>Circulation</i> , <b>2020</b> , 142, e432-e447	16.7	13
22	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> , <b>2016</b> , 15, 86	6	13
21	Birth Outcomes in a Prospective Pregnancy-Birth Cohort Study of Environmental Risk Factors in Kuwait: The TRACER Study. <i>Paediatric and Perinatal Epidemiology</i> , <b>2016</b> , 30, 408-17	2.7	12
20	Tradeoffs between income, air pollution and life expectancy: Brief report on the US experience, 1980-2000. <i>Environmental Research</i> , <b>2015</b> , 142, 591-3	7.9	11
19	Comparing FEV1 in adults in two community-based studies. <i>Chest</i> , <b>1995</b> , 108, 656-62	5.3	11

18	Design and Performance of a Reliable Personal Monitoring System for Respirable Participates. <i>Journal of the Air Pollution Control Association</i> , <b>1979</b> , 29, 747-749		11
17	Association of indoor nitrogen dioxide with respiratory symptoms in children: application of measurement error correction techniques to utilize data from multiple surrogates. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2006</b> , 16, 342-50	6.7	9
16	Coupling external with internal exposure metrics of trihalomethanes in young females from Kuwait and Cyprus. <i>Journal of Exposure Science and Environmental Epidemiology</i> , <b>2018</b> , 28, 140-146	6.7	9
15	Role of exposure databases in epidemiology. <i>Archives of Environmental Health</i> , <b>1992</b> , 47, 439-46		8
14	Exposure to Air Pollution and Particle Radioactivity With the Risk of Ventricular Arrhythmias. <i>Circulation</i> , <b>2020</b> , 142, 858-867	16.7	7
13	Effect of a follow-up professional home cleaning on serial dust and blood lead levels of urban children. <i>Archives of Environmental Health</i> , <b>2003</b> , 58, 771-80		6
12	Reply: Triggering of cardiac arrhythmias: the problem of multicollinearity among air pollution and meteorological factors. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1227-1228	15.1	5
11	Epidemiologic Study Design for Investigating Respiratory Health Effects of Complex Air Pollution Mixtures. <i>Environmental Health Perspectives</i> , <b>1993</b> , 101, 187	8.4	5
10	Validity of observational studies in accountability analyses: the case of air pollution and life expectancy. <i>Air Quality, Atmosphere and Health</i> , <b>2012</b> , 5, 231-235	5.6	4
9	Effects of Particulate Air Pollution Exposures. <i>Lung Biology in Health and Disease</i> , <b>2000</b> , 671-703		4
8	The Authors Response to Waller and Swan. <i>American Journal of Epidemiology</i> , <b>1992</b> , 135, 23-25	3.8	3
7	Mortality Benefits and Control Costs of Improving Air Quality in Mexico City: The Case of Heavy Duty Diesel Vehicles. <i>Risk Analysis</i> , <b>2021</b> , 41, 661-677	3.9	2
6	Air Pollution and Health Effects. <i>Lung Biology in Health and Disease</i> , <b>2005</b> , 1-19		2
5	Comments on the Updated Harvard Six Cities Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 174, 722a-724	10.2	1
4	Comments on the reanalysis project. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2003</b> , 66, 1689-96; discussion 1715-22	3.2	
3	The Harvard Epidemiologic Studies of the Health Risks of Air Pollution in Children. <i>Medizinische Informatik Und Statistik</i> , <b>1991</b> , 135-139		
2	Health effects of air pollution <b>2010</b> , 141-152		
1	Antenatal depressive symptoms and adverse perinatal outcomes. <i>BMC Pregnancy and Childbirth</i> , <b>2021</b> , 21, 313	3.2	



