

Douglas W Dockery

List of Publications by Year in descending order

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129
papers

37,586
citations

10351

72
h-index

17055

122
g-index

130
all docs

130
docs citations

130
times ranked

23479
citing authors

#	ARTICLE	IF	CITATIONS
1	An Association between Air Pollution and Mortality in Six U.S. Cities. <i>New England Journal of Medicine</i> , 1993, 329, 1753-1759.	13.9	6,767
2	Health Effects of Fine Particulate Air Pollution: Lines that Connect. <i>Journal of the Air and Waste Management Association</i> , 2006, 56, 709-742.	0.9	5,147
3	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, 669-674.	2.5	2,299
4	Fine-Particulate Air Pollution and Life Expectancy in the United States. <i>New England Journal of Medicine</i> , 2009, 360, 376-386.	13.9	1,816
5	Is Daily Mortality Associated Specifically with Fine Particles?. <i>Journal of the Air and Waste Management Association</i> , 1996, 46, 927-939.	0.9	1,273
6	Increased Particulate Air Pollution and the Triggering of Myocardial Infarction. <i>Circulation</i> , 2001, 103, 2810-2815.	1.6	1,251
7	Reduction in Fine Particulate Air Pollution and Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 667-672.	2.5	1,204
8	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.	2.8	767
9	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
10	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. <i>Inhalation Toxicology</i> , 1995, 7, 1-18.	0.8	646
11	Effects of Inhalable Particles on Respiratory Health of Children. <i>The American Review of Respiratory Disease</i> , 1989, 139, 587-594.	2.9	609
12	Pulmonary function between 6 and 18 years of age. <i>Pediatric Pulmonology</i> , 1993, 15, 75-88.	1.0	593
13	Effect of air-pollution control on death rates in Dublin, Ireland: an intervention study. <i>Lancet</i> , The, 2002, 360, 1210-1214.	6.3	593
14	Air Pollution and Incidence of Cardiac Arrhythmia. <i>Epidemiology</i> , 2000, 11, 11-17.	1.2	570
15	Respiratory Health and PM ₁₀ Pollution: A Daily Time Series Analysis. <i>The American Review of Respiratory Disease</i> , 1991, 144, 668-674.	2.9	562
16	Heart rate variability associated with particulate air pollution. <i>American Heart Journal</i> , 1999, 138, 890-899.	1.2	525
17	Effects of Cigarette Smoking on Lung Function in Adolescent Boys and Girls. <i>New England Journal of Medicine</i> , 1996, 335, 931-937.	13.9	507
18	Air pollution and daily mortality: Associations with particulates and acid aerosols. <i>Environmental Research</i> , 1992, 59, 362-373.	3.7	499

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19	Acute Health Effects of PM ₁₀ Pollution on Symptomatic and Asymptomatic Children. The American Review of Respiratory Disease, 1992, 145, 1123-1128.	2.9	419
20	Predictors of Asthma and Persistent Wheeze in a National Sample of Children in the United States: Association with Social Class, Perinatal Events, and Race. The American Review of Respiratory Disease, 1990, 142, 555-562.	2.9	385
21	Particulate Air Pollution and Daily Mortality in Steubenville, Ohio. American Journal of Epidemiology, 1992, 135, 12-19.	1.6	350
22	Effect of Air Pollution Control on Life Expectancy in the United States. Epidemiology, 2013, 24, 23-31.	1.2	325
23	Home Dampness and Respiratory Morbidity in Children. The American Review of Respiratory Disease, 1989, 140, 1363-1367.	2.9	306
24	The Effect of Chelation Therapy with Succimer on Neuropsychological Development in Children Exposed to Lead. New England Journal of Medicine, 2001, 344, 1421-1426.	13.9	306
25	“What We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Health”. Environmental Science & Technology, 2016, 50, 4895-4904.	4.6	294
26	Cardiovascular Risks from Fine Particulate Air Pollution. New England Journal of Medicine, 2007, 356, 511-513.	13.9	281
27	Health Effects of Particulate Air Pollution. Annals of Epidemiology, 2009, 19, 257-263.	0.9	268
28	FEV1 is associated with risk of asthma attacks in a pediatric population. Journal of Allergy and Clinical Immunology, 2001, 107, 61-67.	1.5	244
29	Air Pollution and Mortality in Elderly People: A Time-Series Study in Sao Paulo, Brazil. Archives of Environmental Health, 1995, 50, 159-163.	0.4	238
30	Association of Air Pollution with Increased Incidence of Ventricular Tachyarrhythmias Recorded by Implanted Cardioverter Defibrillators. Environmental Health Perspectives, 2005, 113, 670-674.	2.8	232
31	Body-mass index as a predictor of incident asthma in a prospective cohort of children. Pediatric Pulmonology, 2003, 36, 514-521.	1.0	228
32	Health Effects of Fine Particulate Air Pollution: Lines that Connect. Journal of the Air and Waste Management Association, 2006, 56, 1368-1380.	0.9	227
33	LONGITUDINAL AND CROSS-SECTIONAL ESTIMATES OF PULMONARY FUNCTION DECLINE IN NEVER-SMOKING ADULTS. American Journal of Epidemiology, 1990, 132, 685-700.	1.6	218
34	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.	1.7	217
35	Association of Indoor Nitrogen Dioxide with Respiratory Symptoms and Pulmonary Function in Children. American Journal of Epidemiology, 1991, 134, 204-219.	1.6	212
36	Maternal Smoking during Pregnancy as a Predictor of Lung Function in Children. American Journal of Epidemiology, 1994, 139, 1139-1152.	1.6	208

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37	Association of Short-term Ambient Air Pollution Concentrations and Ventricular Arrhythmias. American Journal of Epidemiology, 2005, 161, 1123-1132.	1.6	204
38	Distribution of Forced Expiratory Volume in One Second and Forced Vital Capacity in Healthy, White, Adult Never-Smokers in Six U.S. Cities. The American Review of Respiratory Disease, 1985, 131, 511-520.	2.9	202
39	Cumulative and Reversible Effects of Lifetime Smoking on Simple Tests of Lung Function in Adults. The American Review of Respiratory Disease, 1988, 137, 286-292.	2.9	202
40	Effects of Cigarette Smoking on Rate of Loss of Pulmonary Function in Adults: A Longitudinal Assessment. The American Review of Respiratory Disease, 1992, 146, 1345-1348.	2.9	201
41	Epidemiology of Particle Effects. , 1999, , 673-705.		186
42	Cause-specific mortality and the extended effects of particulate pollution and temperature exposure.. Environmental Health Perspectives, 2004, 112, 179-185.	2.8	186
43	Lung Cancer in Railroad Workers Exposed to Diesel Exhaust. Environmental Health Perspectives, 2004, 112, 1539-1543.	2.8	183
44	Effect of Chelation Therapy on the Neuropsychological and Behavioral Development of Lead-Exposed Children After School Entry. Pediatrics, 2004, 114, 19-26.	1.0	176
45	Acute Exposure to Air Pollution Triggers Atrial Fibrillation. Journal of the American College of Cardiology, 2013, 62, 816-825.	1.2	168
46	The effect of disinfection by-products and mutagenic activity on birth weight and gestational duration.. Environmental Health Perspectives, 2004, 112, 920-925.	2.8	163
47	Health effects of air pollution exposure on children and adolescents in São Paulo, Brazil. Pediatric Pulmonology, 2001, 31, 106-113.	1.0	157
48	Longitudinal Lung Function Decline in Subjects with Respiratory Symptoms. The American Review of Respiratory Disease, 1992, 146, 855-859.	2.9	149
49	Race and Gender Differences in Respiratory Illness Prevalence and Their Relationship to Environmental Exposures in Children 7 to 14 Years of Age. The American Review of Respiratory Disease, 1993, 148, 10-18.	2.9	140
50	Change in Pulmonary Function in Children Associated with Air Pollution Episodes. Journal of the Air Pollution Control Association, 1982, 32, 937-942.	0.5	139
51	Long-Term Ambient Multipollutant Exposures and Mortality. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 73-78.	2.5	138
52	The Association of Ambient Air Pollution with Twice Daily Peak Expiratory Flow Rate Measurements in Children. American Journal of Epidemiology, 1995, 141, 111-122.	1.6	135
53	A Single Measure of FEV 1 Is Associated With Risk of Asthma Attacks in Long-term Follow-up. Chest, 2004, 126, 1875-1882.	0.4	133
54	Increased Risk of Paroxysmal Atrial Fibrillation Episodes Associated with Acute Increases in Ambient Air Pollution. Environmental Health Perspectives, 2006, 114, 120-123.	2.8	132

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55	Respiratory Symptoms and Housing Characteristics. <i>Indoor Air</i> , 1994, 4, 72-82.	2.0	121
56	Personal Exposure to Respirable Particulates and Sulfates. <i>Journal of the Air Pollution Control Association</i> , 1981, 31, 153-159.	0.5	119
57	Pulmonary Function Growth Velocity in Children 6 to 18 Years of Age. <i>The American Review of Respiratory Disease</i> , 1993, 148, 1502-1508.	2.9	117
58	Sulfur dioxide and nitrogen dioxide levels inside and outside homes and the implications on health effects research. <i>Environmental Science & Technology</i> , 1979, 13, 1276-1280.	4.6	116
59	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.	1.5	112
60	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> , 2003, 111, 1074-1092.	2.8	111
61	Is Daily Mortality Associated Specifically with Fine Particles? Data Reconstruction and Replication of Analyses. <i>Journal of the Air and Waste Management Association</i> , 2000, 50, 1215-1222.	0.9	105
62	Exposure-Response Relationships between Occupational Exposures and Chronic Respiratory Illness: A Community-based Study. <i>The American Review of Respiratory Disease</i> , 1992, 146, 413-418.	2.9	99
63	Airborne Coarse Particles and Mortality. <i>Inhalation Toxicology</i> , 2000, 12, 61-72.	0.8	95
64	Concentration of Indoor Particulate Matter as a Determinant of Respiratory Health in Children. <i>American Journal of Epidemiology</i> , 1994, 139, 1088-1099.	1.6	94
65	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, 12861-12862.	3.3	94
66	INDOOR AIR POLLUTION AND PULMONARY FUNCTION GROWTH IN PREADOLESCENT CHILDREN. <i>American Journal of Epidemiology</i> , 1986, 123, 250-260.	1.6	92
67	Longitudinal height velocity standards for U.S. adolescents. <i>Statistics in Medicine</i> , 1993, 12, 403-414.	0.8	90
68	Epidemiologic Evidence of Cardiovascular Effects of Particulate Air Pollution. <i>Environmental Health Perspectives</i> , 2001, 109, 483.	2.8	90
69	Effects of Air Pollution on Adult Pulmonary Function. <i>Archives of Environmental Health</i> , 1991, 46, 198-206.	0.4	83
70	Particulate matter concentrations during desert dust outbreaks and daily mortality in Nicosia, Cyprus. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 275-280.	1.8	83
71	Air pollution and the triggering of cardiac arrhythmias. <i>Current Opinion in Cardiology</i> , 2010, 25, 16-22.	0.8	78
72	Chemical Composition of Fine Particulate Matter and Life Expectancy. <i>Epidemiology</i> , 2015, 26, 556-564.	1.2	76

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73	Association of Air Pollution with Hospital Outpatient Visits in Beijing. <i>Archives of Environmental Health</i> , 1995, 50, 214-220.	0.4	75
74	Age, Period, and Cohort Effects on Pulmonary Function in a 24-Year Longitudinal Study. <i>American Journal of Epidemiology</i> , 1995, 141, 554-566.	1.6	73
75	Explaining discrepancies between longitudinal and cross-sectional models. <i>Journal of Chronic Diseases</i> , 1986, 39, 831-839.	1.3	70
76	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.	0.9	70
77	Spatial Modeling of PM ₁₀ and NO ₂ in the Continental United States, 1985-2000. <i>Environmental Health Perspectives</i> , 2009, 117, 1690-1696.	2.8	66
78	Household Air Pollution from Solid Fuel Use: Evidence for Links to CVD. <i>Global Heart</i> , 2012, 7, 223.	0.9	65
79	Daily indoor-to-outdoor temperature and humidity relationships: a sample across seasons and diverse climatic regions. <i>International Journal of Biometeorology</i> , 2016, 60, 221-229.	1.3	61
80	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> , 2016, 92-93, 543-552.	4.8	56
81	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> , 1987, 136, 1371-1376.	2.9	55
82	Longitudinal Studies of Air Pollution Effects on Lung Function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1996, 154, S250-S256.	2.5	55
83	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> , 2013, 12, 105.	1.7	54
84	3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone (MX) and mutagenic activity in Massachusetts drinking water.. <i>Environmental Health Perspectives</i> , 2002, 110, 157-164.	2.8	52
85	Risk of lung cancer from environmental exposures to tobacco smoke. <i>Cancer Causes and Control</i> , 1997, 8, 333-345.	0.8	49
86	Violence Exposure, A Chronic Psychosocial Stressor, and Childhood Lung Function. <i>Psychosomatic Medicine</i> , 2008, 70, 160-169.	1.3	48
87	Guidance to Reduce the Cardiovascular Burden of Ambient Air Pollutants: A Policy Statement From the American Heart Association. <i>Circulation</i> , 2020, 142, e432-e447.	1.6	47
88	Systemic inflammation, heart rate variability and air pollution in a cohort of senior adults. <i>Occupational and Environmental Medicine</i> , 2010, 67, 625-630.	1.3	45
89	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, 129-132.	0.9	44
90	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> , 1999, 20, 23-27.	1.0	38

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91	Sensitive Subgroups and Normal Variation in Pulmonary Function Response to Air Pollution Episodes. <i>Environmental Health Perspectives</i> , 1991, 90, 189.	2.8	35
92	Depressive symptoms and comorbid problems in pregnancy - results from a population based study. <i>Journal of Psychosomatic Research</i> , 2018, 112, 53-58.	1.2	35
93	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> , 2019, 22, 93-103.	1.2	35
94	Drier Air, Lower Temperatures, and Triggering of Paroxysmal Atrial Fibrillation. <i>Epidemiology</i> , 2015, 26, 374-380.	1.2	30
95	Maximal and Partial Expiratory Flow Rates in a Population Sample of 10- to 11-yr-old Schoolchildren. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 436-439.	2.5	26
96	Effect of air pollution control on mortality and hospital admissions in Ireland. Research Report (health Effects Institute), 2013, , 3-109.	1.6	25
97	Epidemiologic Study Design for Investigating Respiratory Health Effects of Complex Air Pollution Mixtures. <i>Environmental Health Perspectives</i> , 1993, 101, 187.	2.8	24
98	Effect of Air Pollution Controls on Black Smoke and Sulfur Dioxide Concentrations across Ireland. <i>Journal of the Air and Waste Management Association</i> , 2009, 59, 207-213.	0.9	24
99	Feasibility of a large cohort study in sub-Saharan Africa assessed through a four-country study. <i>Global Health Action</i> , 2015, 8, 27422.	0.7	23
100	Epidemiologic Studies on Short-Term Effects of Low Levels of Major Ambient Air Pollution Components. <i>Environmental Health Perspectives</i> , 1995, 103, 3.	2.8	22
101	Particulate air pollution and nonfatal cardiac events. Part II. Association of air pollution with confirmed arrhythmias recorded by implanted defibrillators. Research Report (health Effects) Tj ETQq1 1 0.784314 1gBT /Overclock 10 Tf	1.6	22
102	Weather and triggering of ventricular arrhythmias in patients with implantable cardioverter-defibrillators. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 175-181.	1.8	20
103	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> , 2002, 110, A773-9.	2.8	19
104	Tradeoffs between income, air pollution and life expectancy: Brief report on the US experience, 1980â€“2000. <i>Environmental Research</i> , 2015, 142, 591-593.	3.7	19
105	Occupational vehicle-related particulate exposure and inflammatory markers in trucking industry workers. <i>Environmental Research</i> , 2016, 148, 310-317.	3.7	19
106	Exposure to Air Pollution and Particle Radioactivity With the Risk of Ventricular Arrhythmias. <i>Circulation</i> , 2020, 142, 858-867.	1.6	18
107	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.	1.7	17
108	Design and Performance of a Reliable Personal Monitoring System for Respirable Participates. <i>Journal of the Air Pollution Control Association</i> , 1979, 29, 747-749.	0.5	16

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109	Birth Outcomes in a Prospective Pregnancyâ€“Birth Cohort Study of Environmental Risk Factors in Kuwait: The TRACER Study. <i>Paediatric and Perinatal Epidemiology</i> , 2016, 30, 408-417.	0.8	13
110	Comparing FEV1 in Adults in Two Community-Based Studies. <i>Chest</i> , 1995, 108, 656-662.	0.4	11
111	Cleaner Air, Bigger Lungs. <i>New England Journal of Medicine</i> , 2015, 372, 970-972.	13.9	11
112	Coupling external with internal exposure metrics of trihalomethanes in young females from Kuwait and Cyprus. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 140-146.	1.8	11
113	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> , 2006, 16, 342-350.	1.8	10
114	Role of Exposure Databases in Epidemiology. <i>Archives of Environmental Health</i> , 1992, 47, 439-446.	0.4	8
115	Mortality Benefits and Control Costs of Improving Air Quality in Mexico City: The Case of Heavy Duty Diesel Vehicles. <i>Risk Analysis</i> , 2021, 41, 661-677.	1.5	8
116	Effect of a Follow-Up Professional Home Cleaning on Serial Dust and Blood Lead Levels of Urban Children. <i>Archives of Environmental Health</i> , 2003, 58, 771-780.	0.4	7
117	The Threat to Air Pollution Health Studies Behind the Environmental Protection Agencyâ€™s Cloak of Science Transparency. <i>American Journal of Public Health</i> , 2020, 110, 286-287.	1.5	7
118	Reply. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1227-1228.	1.2	6
119	Effects of Particulate Air Pollution Exposures. <i>Lung Biology in Health and Disease</i> , 2000, , 671-703.	0.1	6
120	The Authors Response to Waller and Swan. <i>American Journal of Epidemiology</i> , 1992, 135, 23-25.	1.6	4
121	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.	1.5	4
122	Air Pollution and Health Effects. <i>Lung Biology in Health and Disease</i> , 2005, , 1-19.	0.1	3
123	Comments on the Updated Harvard Six Cities Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 722a-724.	2.5	1
124	Comments on the Reanalysis Project. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2003, 66, 1689-1696.	1.1	0
125	Antenatal depressive symptoms and adverse perinatal outcomes. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 313.	0.9	0
126	Supplemental Material to `Effect of E85 on Tailpipe Emissions from Light-Duty Vehicles`. <i>Journal of the Air and Waste Management Association</i> , 2009, 59, .	0.2	0

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127	Supplemental Material to `Chloride Behavior in Washing Experiments of Two Kinds of Municipal Solid Waste Incinerator Fly Ash with Different Alkaline Reagents`. Journal of the Air and Waste Management Association, 2009, 59, .	0.2	0
128	Health effects of air pollution. , 2010, , 141-152.		0
129	Department Chairs Weigh In: Environmental Health Education Is More Essential Than Ever. American Journal of Public Health, 2022, 112, 75-76.	1.5	0