

Douglas W Dockery

List of Publications by Year in descending order

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129
papers

37,586
citations

10373

72
h-index

17090

122
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130
all docs

130
docs citations

130
times ranked

23479
citing authors

#	ARTICLE	IF	CITATIONS
1	Department Chairs Weigh In: Environmental Health Education Is More Essential Than Ever. <i>American Journal of Public Health</i> , 2022, 112, 75-76.	1.5	0
2	Antenatal depressive symptoms and adverse perinatal outcomes. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 313.	0.9	0
3	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
4	Exposure to Air Pollution and Particle Radioactivity With the Risk of Ventricular Arrhythmias. <i>Circulation</i> , 2020, 142, 858-867.	1.6	18
5	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
6	The Threat to Air Pollution Health Studies Behind the Environmental Protection Agency's Cloak of Science Transparency. <i>American Journal of Public Health</i> , 2020, 110, 286-287.	1.5	7
7	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
8	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
9	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
10	Birth Outcomes in a Prospective Pregnancy "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
11	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
12	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
13	Occupational vehicle-related particulate exposure and inflammatory markers in trucking industry workers. <i>Environmental Research</i> , 2016, 148, 310-317.	3.7	19
14	"What We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Health". <i>Environmental Science & Technology</i> , 2016, 50, 4895-4904.	4.6	294
15	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
16	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
17	Drier Air, Lower Temperatures, and Triggering of Paroxysmal Atrial Fibrillation. <i>Epidemiology</i> , 2015, 26, 374-380.	1.2	30
18	Chemical Composition of Fine Particulate Matter and Life Expectancy. <i>Epidemiology</i> , 2015, 26, 556-564.	1.2	76

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19	Cleaner Air, Bigger Lungs. <i>New England Journal of Medicine</i> , 2015, 372, 970-972.	13.9	11
20	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
21	Tradeoffs between income, air pollution and life expectancy: Brief report on the US experience, 1980–2000. <i>Environmental Research</i> , 2015, 142, 591-593.	3.7	19
22	Reply. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1227-1228.	1.2	6
23	Acute Exposure to Air Pollution Triggers Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 816-825.	1.2	168
24	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
25	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
26	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
27	Effect of Air Pollution Control on Life Expectancy in the United States. <i>Epidemiology</i> , 2013, 24, 23-31.	1.2	325
28	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
29	Effect of air pollution control on mortality and hospital admissions in Ireland. <i>Research Report (health Effects Institute)</i> , 2013, , 3-109.	1.6	25
30	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
31	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
32	Household Air Pollution from Solid Fuel Use: Evidence for Links to CVD. <i>Global Heart</i> , 2012, 7, 223.	0.9	65
33	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
34	Long-Term Ambient Multipollutant Exposures and Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 73-78.	2.5	138
35	Air pollution and the triggering of cardiac arrhythmias. <i>Current Opinion in Cardiology</i> , 2010, 25, 16-22.	0.8	78
36	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

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37	Health effects of air pollution. , 2010, , 141-152.		0
38	Fine-Particulate Air Pollution and Life Expectancy in the United States. New England Journal of Medicine, 2009, 360, 376-386.	13.9	1,816
39	Spatial Modeling of PM ₁₀ and NO ₂ in the Continental United States, 1985–2000. Environmental Health Perspectives, 2009, 117, 1690-1696.	2.8	66
40	Health Effects of Particulate Air Pollution. Annals of Epidemiology, 2009, 19, 257-263.	0.9	268
41	Effect of Air Pollution Controls on Black Smoke and Sulfur Dioxide Concentrations across Ireland. Journal of the Air and Waste Management Association, 2009, 59, 207-213.	0.9	24
42	Supplemental Material to `Effect of E85 on Tailpipe Emissions from Light-Duty Vehicles`. Journal of the Air and Waste Management Association, 2009, 59, .	0.2	0
43	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
44	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
45	Violence Exposure, A Chronic Psychosocial Stressor, and Childhood Lung Function. Psychosomatic Medicine, 2008, 70, 160-169.	1.3	48
46	Cardiovascular Risks from Fine Particulate Air Pollution. New England Journal of Medicine, 2007, 356, 511-513.	13.9	281
47	Health Effects of Fine Particulate Air Pollution: Lines that Connect. Journal of the Air and Waste Management Association, 2006, 56, 709-742.	0.9	5,147
48	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
49	Comments on the Updated Harvard Six Cities Study. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 722a-724.	2.5	1
50	Short-Term Effects of Air Pollution on Heart Rate Variability in Senior Adults in Steubenville, Ohio. Journal of Occupational and Environmental Medicine, 2006, 48, 780-788.	0.9	70
51	Association of indoor nitrogen dioxide with respiratory symptoms in children: Application of measurement error correction techniques to utilize data from multiple surrogates. Journal of Exposure Science and Environmental Epidemiology, 2006, 16, 342-350.	1.8	10
52	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
53	Reduction in Fine Particulate Air Pollution and Mortality. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 667-672.	2.5	1,204
54	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

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55	Association of Short-term Ambient Air Pollution Concentrations and Ventricular Arrhythmias. American Journal of Epidemiology, 2005, 161, 1123-1132.	1.6	204
56	Air Pollution and Health Effects. Lung Biology in Health and Disease, 2005, , 1-19.	0.1	3
57	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 rgt /Overlock 10	0.784314	10
58	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
59	Lung Cancer in Railroad Workers Exposed to Diesel Exhaust. Environmental Health Perspectives, 2004, 112, 1539-1543.	2.8	183
60	Cause-specific mortality and the extended effects of particulate pollution and temperature exposure.. Environmental Health Perspectives, 2004, 112, 179-185.	2.8	186
61	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
62	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
63	Body-mass index as a predictor of incident asthma in a prospective cohort of children. Pediatric Pulmonology, 2003, 36, 514-521.	1.0	228
64	Effect of a Follow-Up Professional Home Cleaning on Serial Dust and Blood Lead Levels of Urban Children. Archives of Environmental Health, 2003, 58, 771-780.	0.4	7
65	Comments on the Reanalysis Project. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2003, 66, 1689-1696.	1.1	0
66	The U.S. Environmental Protection Agency Particulate Matter Health Effects Research Centers Program: a midcourse report of status, progress, and plans.. Environmental Health Perspectives, 2003, 111, 1074-1092.	2.8	111
67	Effect of air-pollution control on death rates in Dublin, Ireland: an intervention study. Lancet, The, 2002, 360, 1210-1214.	6.3	593
68	3-Chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone (MX) and mutagenic activity in Massachusetts drinking water.. Environmental Health Perspectives, 2002, 110, 157-164.	2.8	52
69	Assessment of cleaning to control lead dust in homes of children with moderate lead poisoning: treatment of lead-exposed children trial.. Environmental Health Perspectives, 2002, 110, A773-9.	2.8	19
70	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
71	Epidemiologic Evidence of Cardiovascular Effects of Particulate Air Pollution. Environmental Health Perspectives, 2001, 109, 483.	2.8	90
72	Increased Particulate Air Pollution and the Triggering of Myocardial Infarction. Circulation, 2001, 103, 2810-2815.	1.6	1,251

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73	Health effects of air pollution exposure on children and adolescents in São Paulo, Brazil. <i>Pediatric Pulmonology</i> , 2001, 31, 106-113.	1.0	157
74	The Effect of Chelation Therapy with Succimer on Neuropsychological Development in Children Exposed to Lead. <i>New England Journal of Medicine</i> , 2001, 344, 1421-1426.	13.9	306
75	Airborne Coarse Particles and Mortality. <i>Inhalation Toxicology</i> , 2000, 12, 61-72.	0.8	95
76	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
77	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
78	Air Pollution and Incidence of Cardiac Arrhythmia. <i>Epidemiology</i> , 2000, 11, 11-17.	1.2	570
79	Effects of Particulate Air Pollution Exposures. <i>Lung Biology in Health and Disease</i> , 2000, , 671-703.	0.1	6
80	Epidemiology of Particle Effects. , 1999, , 673-705.		186
81	Heart rate variability associated with particulate air pollution. <i>American Heart Journal</i> , 1999, 138, 890-899.	1.2	525
82	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
83	Risk of lung cancer from environmental exposures to tobacco smoke. <i>Cancer Causes and Control</i> , 1997, 8, 333-345.	0.8	49
84	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
85	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
86	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
87	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
88	The Association of Ambient Air Pollution with Twice Daily Peak Expiratory Flow Rate Measurements in Children. <i>American Journal of Epidemiology</i> , 1995, 141, 111-122.	1.6	135
89	Comparing FEV1 in Adults in Two Community-Based Studies. <i>Chest</i> , 1995, 108, 656-662.	0.4	11
90	Association of Air Pollution with Hospital Outpatient Visits in Beijing. <i>Archives of Environmental Health</i> , 1995, 50, 214-220.	0.4	75

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91	Air Pollution and Mortality in Elderly People: A Time-Series Study in Sao Paulo, Brazil. <i>Archives of Environmental Health</i> , 1995, 50, 159-163.	0.4	238
92	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
93	Review of Epidemiological Evidence of Health Effects of Particulate Air Pollution. <i>Inhalation Toxicology</i> , 1995, 7, 1-18.	0.8	646
94	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
95	Respiratory Symptoms and Housing Characteristics. <i>Indoor Air</i> , 1994, 4, 72-82.	2.0	121
96	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
97	Maternal Smoking during Pregnancy as a Predictor of Lung Function in Children. <i>American Journal of Epidemiology</i> , 1994, 139, 1139-1152.	1.6	208
98	Longitudinal height velocity standards for U.S. adolescents. <i>Statistics in Medicine</i> , 1993, 12, 403-414.	0.8	90
99	Pulmonary function between 6 and 18 years of age. <i>Pediatric Pulmonology</i> , 1993, 15, 75-88.	1.0	593
100	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
101	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
102	Epidemiologic Study Design for Investigating Respiratory Health Effects of Complex Air Pollution Mixtures. <i>Environmental Health Perspectives</i> , 1993, 101, 187.	2.8	24
103	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> , 1993, 148, 10-18.	2.9	140
104	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
105	Longitudinal Lung Function Decline in Subjects with Respiratory Symptoms. <i>The American Review of Respiratory Disease</i> , 1992, 146, 855-859.	2.9	149
106	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
107	Role of Exposure Databases in Epidemiology. <i>Archives of Environmental Health</i> , 1992, 47, 439-446.	0.4	8
108	The Authors Response to Waller and Swan. <i>American Journal of Epidemiology</i> , 1992, 135, 23-25.	1.6	4

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109	Particulate Air Pollution and Daily Mortality in Steubenville, Ohio. <i>American Journal of Epidemiology</i> , 1992, 135, 12-19.	1.6	350
110	Acute Health Effects of PM ₁₀ Pollution on Symptomatic and Asymptomatic Children. <i>The American Review of Respiratory Disease</i> , 1992, 145, 1123-1128.	2.9	419
111	Air pollution and daily mortality: Associations with particulates and acid aerosols. <i>Environmental Research</i> , 1992, 59, 362-373.	3.7	499
112	Effects of Cigarette Smoking on Rate of Loss of Pulmonary Function in Adults: A Longitudinal Assessment. <i>The American Review of Respiratory Disease</i> , 1992, 146, 1345-1348.	2.9	201
113	Sensitive Subgroups and Normal Variation in Pulmonary Function Response to Air Pollution Episodes. <i>Environmental Health Perspectives</i> , 1991, 90, 189.	2.8	35
114	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
115	Association of Indoor Nitrogen Dioxide with Respiratory Symptoms and Pulmonary Function in Children. <i>American Journal of Epidemiology</i> , 1991, 134, 204-219.	1.6	212
116	Effects of Air Pollution on Adult Pulmonary Function. <i>Archives of Environmental Health</i> , 1991, 46, 198-206.	0.4	83
117	LONGITUDINAL AND CROSS-SECTIONAL ESTIMATES OF PULMONARY FUNCTION DECLINE IN NEVER-SMOKING ADULTS. <i>American Journal of Epidemiology</i> , 1990, 132, 685-700.	1.6	218
118	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> , 1990, 142, 555-562.	2.9	385
119	Home Dampness and Respiratory Morbidity in Children. <i>The American Review of Respiratory Disease</i> , 1989, 140, 1363-1367.	2.9	306
120	Effects of Inhalable Particles on Respiratory Health of Children. <i>The American Review of Respiratory Disease</i> , 1989, 139, 587-594.	2.9	609
121	Cumulative and Reversible Effects of Lifetime Smoking on Simple Tests of Lung Function in Adults. <i>The American Review of Respiratory Disease</i> , 1988, 137, 286-292.	2.9	202
122	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
123	Explaining discrepancies between longitudinal and cross-sectional models. <i>Journal of Chronic Diseases</i> , 1986, 39, 831-839.	1.3	70
124	INDOOR AIR POLLUTION AND PULMONARY FUNCTION GROWTH IN PREADOLESCENT CHILDREN. <i>American Journal of Epidemiology</i> , 1986, 123, 250-260.	1.6	92
125	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> , 1985, 131, 511-520.	2.9	202
126	Change in Pulmonary Function in Children Associated with Air Pollution Episodes. <i>Journal of the Air Pollution Control Association</i> , 1982, 32, 937-942.	0.5	139

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127	Personal Exposure to Respirable Particulates and Sulfates. Journal of the Air Pollution Control Association, 1981, 31, 153-159.	0.5	119
128	Sulfur dioxide and nitrogen dioxide levels inside and outside homes and the implications on health effects research. Environmental Science & Technology, 1979, 13, 1276-1280.	4.6	116
129	Design and Performance of a Reliable Personal Monitoring System for Respirable Particulates. Journal of the Air Pollution Control Association, 1979, 29, 747-749.	0.5	16