

# Robert D Brook

## List of Publications by Year in descending order

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197  
papers

24,212  
citations

17429

63  
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7511

151  
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199  
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199  
docs citations

199  
times ranked

22237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Particulate Matter Air Pollution and Cardiovascular Disease. <i>Circulation</i> , 2010, 121, 2331-2378.	1.6	5,007
2	Air Pollution and Cardiovascular Disease. <i>Circulation</i> , 2004, 109, 2655-2671.	1.6	1,976
3	Air Pollution and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2054-2070.	1.2	749
4	Inhalation of Fine Particulate Air Pollution and Ozone Causes Acute Arterial Vasoconstriction in Healthy Adults. <i>Circulation</i> , 2002, 105, 1534-1536.	1.6	713
5	Long-term Air Pollution Exposure and Acceleration of Atherosclerosis and Vascular Inflammation in an Animal Model. <i>JAMA - Journal of the American Medical Association</i> , 2005, 294, 3003.	3.8	710
6	Expert position paper on air pollution and cardiovascular disease. <i>European Heart Journal</i> , 2015, 36, 83-93.	1.0	646
7	Resistant Hypertension: Detection, Evaluation, and Management: A Scientific Statement From the American Heart Association. <i>Hypertension</i> , 2018, 72, e53-e90.	1.3	629
8	Ambient Air Pollution Exaggerates Adipose Inflammation and Insulin Resistance in a Mouse Model of Diet-Induced Obesity. <i>Circulation</i> , 2009, 119, 538-546.	1.6	608
9	Variation in <i>PCSK9</i> and <i>HMGCR</i> and Risk of Cardiovascular Disease and Diabetes. <i>New England Journal of Medicine</i> , 2016, 375, 2144-2153.	13.9	596
10	Cardiovascular effects of air pollution. <i>Clinical Science</i> , 2008, 115, 175-187.	1.8	523
11	Beyond Medications and Diet: Alternative Approaches to Lowering Blood Pressure. <i>Hypertension</i> , 2013, 61, 1360-1383.	1.3	458
12	Insights Into the Mechanisms and Mediators of the Effects of Air Pollution Exposure on Blood Pressure and Vascular Function in Healthy Humans. <i>Hypertension</i> , 2009, 54, 659-667.	1.3	409
13	Air Pollution and Type 2 Diabetes. <i>Diabetes</i> , 2012, 61, 3037-3045.	0.3	395
14	Environmental determinants of cardiovascular disease: lessons learned from air pollution. <i>Nature Reviews Cardiology</i> , 2020, 17, 656-672.	6.1	352
15	A joint ERS/ATS policy statement: what constitutes an adverse health effect of air pollution? An analytical framework. <i>European Respiratory Journal</i> , 2017, 49, 1600419.	3.1	348
16	Relationships Between Fine Particulate Air Pollution, Cardiometabolic Disorders, and Cardiovascular Mortality. <i>Circulation Research</i> , 2015, 116, 108-115.	2.0	327
17	Effect of Naturally Random Allocation to Lower Low-Density Lipoprotein Cholesterol on the Risk of Coronary Heart Disease Mediated by Polymorphisms in <i>ANPC1L1</i> , <i>HMGCR</i> , or Both. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1552-1561.	1.2	324
18	Air Pollution and Incidence of Hypertension and Diabetes Mellitus in Black Women Living in Los Angeles. <i>Circulation</i> , 2012, 125, 767-772.	1.6	303

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19	Acute Blood Pressure Responses in Healthy Adults During Controlled Air Pollution Exposures. <i>Environmental Health Perspectives</i> , 2005, 113, 1052-1055.	2.8	286
20	Chronic Fine Particulate Matter Exposure Induces Systemic Vascular Dysfunction via NADPH Oxidase and TLR4 Pathways. <i>Circulation Research</i> , 2011, 108, 716-726.	2.0	275
21	Particulate matter, air pollution, and blood pressure. <i>Journal of the American Society of Hypertension</i> , 2009, 3, 332-350.	2.3	250
22	Association of Genetic Variants Related to CETP Inhibitors and Statins With Lipoprotein Levels and Cardiovascular Risk. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 947.	3.8	247
23	The Relationship Between Diabetes Mellitus and Traffic-Related Air Pollution. <i>Journal of Occupational and Environmental Medicine</i> , 2008, 50, 32-38.	0.9	227
24	Effect of Particulate Matter Air Pollution on Cardiovascular Oxidative Stress Pathways. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 797-818.	2.5	225
25	Usefulness of visceral obesity (waist/hip ratio) in predicting vascular endothelial function in healthy overweight adults. <i>American Journal of Cardiology</i> , 2001, 88, 1264-1269.	0.7	221
26	Risk of Incident Diabetes in Relation to Long-term Exposure to Fine Particulate Matter in Ontario, Canada. <i>Environmental Health Perspectives</i> , 2013, 121, 804-810.	2.8	221
27	Endothelial cell apoptosis in systemic lupus erythematosus: a common pathway for abnormal vascular function and thrombosis propensity. <i>Blood</i> , 2004, 103, 3677-3683.	0.6	220
28	Environmental stressors and cardio-metabolic disease: part II—mechanistic insights. <i>European Heart Journal</i> , 2017, 38, ehw294.	1.0	209
29	Air Pollution Exposure and Blood Pressure: An Updated Review of the Literature. <i>Current Pharmaceutical Design</i> , 2015, 22, 28-51.	0.9	205
30	DNA Hypomethylation, Ambient Particulate Matter, and Increased Blood Pressure: Findings From Controlled Human Exposure Experiments. <i>Journal of the American Heart Association</i> , 2013, 2, e000212.	1.6	200
31	Air Pollution Exposure Potentiates Hypertension Through Reactive Oxygen Species-Mediated Activation of Rho/ROCK. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1760-1766.	1.1	198
32	Environmental stressors and cardio-metabolic disease: part I—epidemiologic evidence supporting a role for noise and air pollution and effects of mitigation strategies. <i>European Heart Journal</i> , 2017, 38, ehw269.	1.0	193
33	Autonomic imbalance, hypertension, and cardiovascular risk. <i>American Journal of Hypertension</i> , 2000, 13, S112-S122.	1.0	191
34	Spatial Association Between Ambient Fine Particulate Matter and Incident Hypertension. <i>Circulation</i> , 2014, 129, 562-569.	1.6	168
35	Acute Effects of Ambient Particulate Matter on Blood Pressure. <i>Hypertension</i> , 2009, 53, 853-859.	1.3	165
36	Long-Term Exposure to Concentrated Ambient PM <sub>2.5</sub> Increases Mouse Blood Pressure through Abnormal Activation of the Sympathetic Nervous System: A Role for Hypothalamic Inflammation. <i>Environmental Health Perspectives</i> , 2014, 122, 79-86.	2.8	161

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37	Reduced metabolic insulin sensitivity following sub-acute exposures to low levels of ambient fine particulate matter air pollution. <i>Science of the Total Environment</i> , 2013, 448, 66-71.	3.9	146
38	Long-Term Fine Particulate Matter Exposure and Mortality From Diabetes in Canada. <i>Diabetes Care</i> , 2013, 36, 3313-3320.	4.3	145
39	Air pollution: The "heart" of the problem. <i>Current Hypertension Reports</i> , 2003, 5, 32-39.	1.5	138
40	Differences in blood pressure and vascular responses associated with ambient fine particulate matter exposures measured at the personal versus community level. <i>Occupational and Environmental Medicine</i> , 2011, 68, 224-230.	1.3	128
41	Extreme Air Pollution Conditions Adversely Affect Blood Pressure and Insulin Resistance. <i>Hypertension</i> , 2016, 67, 77-85.	1.3	128
42	Air Pollution and Cardiometabolic Disease: An Update and Call for Clinical Trials. <i>American Journal of Hypertension</i> , 2018, 31, 1-10.	1.0	121
43	Environmental Hypertensionology•The Effects of Environmental Factors on Blood Pressure in Clinical Practice and Research. <i>Journal of Clinical Hypertension</i> , 2011, 13, 836-842.	1.0	116
44	Effect of GLP-1 Mimetics on Blood Pressure and Relationship to Weight Loss and Glycemia Lowering: Results of a Systematic Meta-Analysis and Meta-Regression. <i>American Journal of Hypertension</i> , 2014, 27, 130-139.	1.0	116
45	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
46	Personal-Level Protective Actions Against Particulate Matter Air Pollution Exposure: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020, 142, e411-e431.	1.6	112
47	Particulate Matter Air Pollution and Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2010, 12, 291-300.	2.0	111
48	Air pollution and cardiac remodeling: a role for RhoA/Rho-kinase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1540-H1550.	1.5	109
49	A Negative Carotid Plaque Area Test Is Superior to Other Noninvasive Atherosclerosis Studies for Reducing the Likelihood of Having Underlying Significant Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 656-662.	1.1	102
50	Relative Contributions of PM2.5 Chemical Constituents to Acute Arterial Vasoconstriction in Humans. <i>Inhalation Toxicology</i> , 2004, 16, 345-352.	0.8	101
51	Effect of short-term weight loss on the metabolic syndrome and conduit vascular endothelial function in overweight adults. <i>American Journal of Cardiology</i> , 2004, 93, 1012-1016.	0.7	92
52	Ambient Air Pollution: An Emerging Risk Factor for Diabetes Mellitus. <i>Current Diabetes Reports</i> , 2015, 15, 603.	1.7	89
53	Ambient Air Pollution Is Associated With HDL (High-Density Lipoprotein) Dysfunction in Healthy Adults. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 513-522.	1.1	87
54	Neutral Effect on Markers of Heart Failure, Inflammation, Endothelial Activation and Function, and Vagal Tone After High-Dose HMG-CoA Reductase Inhibition in Non-Diabetic Patients With Non-Ischemic Cardiomyopathy and Average Low-Density Lipoprotein Level. <i>Journal of the American College of Cardiology</i> , 2006, 47, 338-341.	1.2	82

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55	The Global Threat of Outdoor Ambient Air Pollution to Cardiovascular Health. <i>JAMA Cardiology</i> , 2017, 2, 353.	3.0	82
56	Personal Black Carbon Exposure Influences Ambulatory Blood Pressure. <i>Hypertension</i> , 2014, 63, 871-877.	1.3	79
57	Extreme Levels of Air Pollution Associated With Changes in Biomarkers of Atherosclerotic Plaque Vulnerability and Thrombogenicity in Healthy Adults. <i>Circulation Research</i> , 2019, 124, e30-e43.	2.0	79
58	Central IKK $\beta$ inhibition prevents air pollution mediated peripheral inflammation and exaggeration of type II diabetes. <i>Particle and Fibre Toxicology</i> , 2014, 11, 53.	2.8	78
59	Climate and environmental triggers of acute myocardial infarction. <i>European Heart Journal</i> , 2017, 38, ehw151.	1.0	76
60	Is air pollution a cause of cardiovascular disease? Updated review and controversies. <i>Reviews on Environmental Health</i> , 2007, 22, 115-37.	1.1	71
61	Effect of Portable Air Filtration Systems on Personal Exposure to Fine Particulate Matter and Blood Pressure Among Residents in a Low-Income Senior Facility. <i>JAMA Internal Medicine</i> , 2018, 178, 1350.	2.6	69
62	Cardiopulmonary Impact of Particulate Air Pollution in High-Risk Populations. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2878-2894.	1.2	68
63	Hemodynamic, Autonomic, and Vascular Effects of Exposure to Coarse Particulate Matter Air Pollution from a Rural Location. <i>Environmental Health Perspectives</i> , 2014, 122, 624-630.	2.8	65
64	Household Air Pollution from Solid Fuel Use: Evidence for Links to CVD. <i>Global Heart</i> , 2012, 7, 223.	0.9	65
65	Cardiovascular Depression in Rats Exposed to Inhaled Particulate Matter and Ozone: Effects of Diet-Induced Metabolic Syndrome. <i>Environmental Health Perspectives</i> , 2014, 122, 27-33.	2.8	64
66	Ambient Air Pollution and Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 628-637.	1.1	64
67	Exposure to household air pollution from biomass cookstoves and blood pressure among women in rural Honduras: A cross-sectional study. <i>Indoor Air</i> , 2019, 29, 130-142.	2.0	63
68	You are what you breathe: Evidence linking air pollution and blood pressure. <i>Current Hypertension Reports</i> , 2005, 7, 427-434.	1.5	62
69	PM2.5 and Diabetes and Hypertension Incidence in the Black Women's Health Study. <i>Epidemiology</i> , 2015, 27, 1.	1.2	62
70	GLP-1 Agonists and Blood Pressure: A Review of the Evidence. <i>Current Hypertension Reports</i> , 2016, 18, 16.	1.5	61
71	Effect of carotid atherosclerosis screening on risk stratification during primary cardiovascular disease prevention. <i>American Journal of Cardiology</i> , 2004, 93, 1030-1032.	0.7	57
72	The Peroxisome Proliferator Activated Receptor $\alpha$ Pioglitazone Improves Vascular Function and Decreases Disease Activity in Patients With Rheumatoid Arthritis. <i>Journal of the American Heart Association</i> , 2013, 2, e000441.	1.6	52

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73	Why Physicians Who Treat Hypertension Should Know More About Air Pollution. <i>Journal of Clinical Hypertension</i> , 2007, 9, 629-635.	1.0	51
74	Short-Term Blood Pressure Responses to Ambient Fine Particulate Matter Exposures at the Extremes of Global Air Pollution Concentrations. <i>American Journal of Hypertension</i> , 2018, 31, 590-599.	1.0	51
75	Even Low Levels of Ambient Air Pollutants Are Associated With Increased Emergency Department Visits for Hypertension. <i>Canadian Journal of Cardiology</i> , 2012, 28, 360-366.	0.8	48
76	2017 ACC/AHA/AAPA/ABC/ACPM/AGS/APhA/ASH/ASPC/NMA/PCNA Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults. A report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 238.	2.3	48
77	Cardiac Troponin I and Cardiovascular Risk in Patients With Chronic Obstructive Pulmonary Disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1126-1137.	1.2	48
78	Indoor-Outdoor Air Pollution Continuum and CVD Burden: An Opportunity for Improving Global Health. <i>Global Heart</i> , 2012, 7, 207.	0.9	45
79	Effects of urban fine particulate matter and ozone on HDL functionality. <i>Particle and Fibre Toxicology</i> , 2015, 13, 26.	2.8	42
80	Cardiovascular outcomes with an inhaled beta2-agonist/corticosteroid in patients with COPD at high cardiovascular risk. <i>Heart</i> , 2017, 103, 1536-1542.	1.2	41
81	Household air pollution from biomass-burning cookstoves and metabolic syndrome, blood lipid concentrations, and waist circumference in Honduran women: A cross-sectional study. <i>Environmental Research</i> , 2019, 170, 46-55.	3.7	41
82	Obesity, Weight Loss, and Vascular Function. <i>Endocrine</i> , 2006, 29, 21-26.	2.2	40
83	Air Pollution and Emergency Department Visits for Hypertension in Edmonton and Calgary, Canada: A Case-Crossover Study. <i>American Journal of Hypertension</i> , 2015, 28, 1121-1126.	1.0	40
84	Acute increase in blood pressure during inhalation of coarse particulate matter air pollution from an urban location. <i>Journal of the American Society of Hypertension</i> , 2016, 10, 133-139.e4.	2.3	40
85	Long term exposure to NO <sub>2</sub> and diabetes incidence in the Black Women's Health Study. <i>Environmental Research</i> , 2016, 148, 360-366.	3.7	39
86	Endotoxin and 1,3-β-D-Glucan in Concentrated Ambient Particles Induce Rapid Increase in Blood Pressure in Controlled Human Exposures. <i>Hypertension</i> , 2015, 66, 509-516.	1.3	37
87	The Effect of Air Pollution on Spatial Dispersion of Myocardial Repolarization in Healthy Human Volunteers. <i>Journal of the American College of Cardiology</i> , 2011, 57, 198-206.	1.2	35
88	Air-Pollution and Cardiometabolic Diseases (AIRCMD): A prospective study investigating the impact of air pollution exposure and propensity for type II diabetes. <i>Science of the Total Environment</i> , 2013, 448, 72-78.	3.9	35
89	A review of blood pressure measurement protocols among hypertension trials: implications for evidence-based clinical practice. <i>Journal of the American Society of Hypertension</i> , 2014, 8, 670-676.	2.3	35
90	Understanding Air Pollution and Cardiovascular Diseases: Is It Preventable?. <i>Current Cardiovascular Risk Reports</i> , 2015, 9, 1.	0.8	35

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91	Long-Term Exposure to NO <sub>2</sub> and Ozone and Hypertension Incidence in the Black Women's Health Study. <i>American Journal of Hypertension</i> , 2017, 30, 367-372.	1.0	35
92	Particulate matter air pollution and ambient temperature. <i>Journal of Hypertension</i> , 2015, 33, 2032-2038.	0.3	34
93	Air Pollution and Cardiovascular Events. <i>New England Journal of Medicine</i> , 2007, 356, 2104-2106.	13.9	33
94	Reduction of personal PM <sub>2.5</sub> exposure via indoor air filtration systems in Detroit: an intervention study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 484-490.	1.8	32
95	Effects of Concentrated Fine Ambient Particles on Rat Plasma Levels of Asymmetric Dimethylarginine. <i>Inhalation Toxicology</i> , 2004, 16, 473-480.	0.8	30
96	The Environment and Blood Pressure. <i>Cardiology Clinics</i> , 2017, 35, 213-221.	0.9	30
97	Blood pressure, heart rate, and mortality in chronic obstructive pulmonary disease: the SUMMIT trial. <i>European Heart Journal</i> , 2018, 39, 3128-3134.	1.0	30
98	Acute Blood Pressure and Cardiovascular Effects of Near-Roadway Exposures With and Without N95 Respirators. <i>American Journal of Hypertension</i> , 2019, 32, 1054-1065.	1.0	30
99	Exploration of the Rapid Effects of Personal Fine Particulate Matter Exposure on Arterial Hemodynamics and Vascular Function during the Same Day. <i>Environmental Health Perspectives</i> , 2011, 119, 688-694.	2.8	29
100	Incidence and Survival After In-Hospital Cardiopulmonary Resuscitation in Nonelderly Adults. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017, 10, .	0.9	29
101	Can Personal Exposures to Higher Nighttime and Early-Morning Temperatures Increase Blood Pressure?. <i>Journal of Clinical Hypertension</i> , 2011, 13, 881-888.	1.0	28
102	Ambient air pollution is associated with cardiac repolarization abnormalities in healthy adults. <i>Environmental Research</i> , 2019, 171, 239-246.	3.7	28
103	The effect of acute exposure to coarse particulate matter air pollution in a rural location on circulating endothelial progenitor cells: results from a randomized controlled study. <i>Inhalation Toxicology</i> , 2013, 25, 587-592.	0.8	27
104	Cigarette smoking and response to inhaled corticosteroids in COPD. <i>European Respiratory Journal</i> , 2018, 51, 1701393.	3.1	27
105	Blood Pressure and Vascular Effects of Leptin in Humans. <i>Metabolic Syndrome and Related Disorders</i> , 2007, 5, 270-274.	0.5	26
106	Chronic Air Pollution Exposure and Endothelial Dysfunction. <i>Journal of the American College of Cardiology</i> , 2012, 60, 2167-2169.	1.2	24
107	Acute Effects on Blood Pressure Following Controlled Exposure to Cookstove Air Pollution in the STOVES Study. <i>Journal of the American Heart Association</i> , 2019, 8, e012246.	1.6	23
108	Exploration of the composition and sources of urban fine particulate matter associated with same-day cardiovascular health effects in Dearborn, Michigan. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 145-152.	1.8	22

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109	When and How to Recommend “Alternative Approaches”™ in the Management of High Blood Pressure. <i>American Journal of Medicine</i> , 2015, 128, 567-570.	0.6	22
110	Plasminogen Activator Inhibitor-1 Is Associated with Impaired Endothelial Function in Women with Systemic Lupus Erythematosus. <i>Annals of the New York Academy of Sciences</i> , 2005, 1051, 271-280.	1.8	21
111	Higher fine particulate matter and temperature levels impair exercise capacity in cardiac patients. <i>Heart</i> , 2015, 101, 1293-1301.	1.2	20
112	Interventions to Reduce Personal Exposures to Air Pollution: A Primer for Health Care Providers. <i>Global Heart</i> , 2019, 14, 47.	0.9	20
113	The Clean Air Act. <i>Chest</i> , 2011, 140, 1-2.	0.4	19
114	The characteristics of coarse particulate matter air pollution associated with alterations in blood pressure and heart rate during controlled exposures. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 153-159.	1.8	19
115	Effect of Ambient Fine Particulate Matter Air Pollution and Colder Outdoor Temperatures on High-Density Lipoprotein Function. <i>American Journal of Cardiology</i> , 2018, 122, 565-570.	0.7	18
116	Traffic-Related Air Pollution and Carotid Plaque Burden in a Canadian City With Low-Level Ambient Pollution. <i>Journal of the American Heart Association</i> , 2020, 9, e013400.	1.6	18
117	Improving Blood Pressure Among African Americans With Hypertension Using a Mobile Health Approach (the MI-BP App): Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2019, 8, e12601.	0.5	18
118	Medical nutrition therapy is the essential cornerstone for effective treatment of “refractory” severe hypertriglyceridemia regardless of pharmaceutical treatment: Evidence from a Lipid Management Program. <i>Journal of Clinical Lipidology</i> , 2015, 9, 559-567.	0.6	17
119	Short-term effects of ambient air pollution and outdoor temperature on biomarkers of myocardial damage, inflammation and oxidative stress in healthy adults. <i>Environmental Epidemiology</i> , 2019, 3, e078.	1.4	17
120	Letter by Rundek et al Regarding Article, “Prediction of Clinical Cardiovascular Events With Carotid Intima-Media Thickness: A Systematic Review and Meta-Analysis”. <i>Circulation</i> , 2007, 116, e317; author reply e318.	1.6	16
121	“Stressed” About Air Pollution. <i>Circulation</i> , 2017, 136, 628-631.	1.6	16
122	Acute Response to a 2-Minute Isometric Exercise Test Predicts the Blood Pressure-Lowering Efficacy of Isometric Resistance Training in Young Adults. <i>American Journal of Hypertension</i> , 2018, 31, 362-368.	1.0	16
123	Acute differences in pulse wave velocity, augmentation index, and central pulse pressure following controlled exposures to cookstove air pollution in the Subclinical Tests of Volunteers Exposed to Smoke (SToVES) study. <i>Environmental Research</i> , 2020, 180, 108831.	3.7	16
124	2020 International Society of Hypertension global hypertension practice guidelines “lifestyle modification. <i>Journal of Hypertension</i> , 2020, 38, 2340-2341.	0.3	16
125	Effect of Reducing Ambient Traffic-Related Air Pollution on Blood Pressure. <i>Hypertension</i> , 2021, 77, 823-832.	1.3	15
126	Determinants of Vascular Function in Patients With Chronic Gout. <i>Journal of Clinical Hypertension</i> , 2011, 13, 178-188.	1.0	14



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127	Controlled Exposure Study of Air Pollution and T-Wave Alternans in Volunteers without Cardiovascular Disease. <i>Environmental Health Perspectives</i> , 2012, 120, 1157-1161.	2.8	14
128	Long-Term Exposures to Urban Noise and Blood Pressure Levels and Control Among Older Adults. <i>Hypertension</i> , 2021, 78, 1801-1808.	1.3	14
129	Effects of respirators to reduce fine particulate matter exposures on blood pressure and heart rate variability: A systematic review and meta-analysis. <i>Environmental Pollution</i> , 2022, 303, 119109.	3.7	14
130	Is Acute High-Dose Secondhand Smoke Exposure Always Harmful to Microvascular Function in Healthy Adults?. <i>Preventive Cardiology</i> , 2010, 13, 175-179.	1.1	13
131	Extreme levels of ambient air pollution adversely impact cardiac and central aortic hemodynamics: the AIRCMD-China study. <i>Journal of the American Society of Hypertension</i> , 2017, 11, 754-761.e3.	2.3	13
132	Flattening the curve in COVID-19 using personalised protective equipment: lessons from air pollution. <i>Heart</i> , 2020, 106, 1286-1288.	1.2	13
133	The Benefits of Intensive Versus Standard Blood Pressure Treatment According to Fine Particulate Matter Air Pollution Exposure. <i>Hypertension</i> , 2021, 77, 813-822.	1.3	13
134	Impact of short- and long-term exposure to air pollution on blood pressure: A two-decade population-based study in Tehran. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 234, 113719.	2.1	13
135	Potential Health Risks of Air Pollution Beyond Triggering Acute Cardiopulmonary Events. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 2194.	3.8	11
136	No effect of acute exposure to coarse particulate matter air pollution in a rural location on high-density lipoprotein function. <i>Inhalation Toxicology</i> , 2014, 26, 23-29.	0.8	11
137	Personalizing Your Airspace and Your Health— <i>Journal of the American College of Cardiology</i> , 2015, 65, 2288-2290.	1.2	11
138	Personal-level exposure to environmental temperature is a superior predictor of endothelial-dependent vasodilatation than outdoor-ambient level. <i>Journal of the American Society of Hypertension</i> , 2017, 11, 746-753.e1.	2.3	11
139	Exposure to household air pollution from biomass cookstoves and self-reported symptoms among women in rural Honduras. <i>International Journal of Environmental Health Research</i> , 2020, 30, 160-173.	1.3	11
140	Short-term differences in cardiac function following controlled exposure to cookstove air pollution: The subclinical tests on volunteers exposed to smoke (STOVES) study. <i>Environment International</i> , 2021, 146, 106254.	4.8	11
141	Getting Sympathetic About Air Pollution Exposure. <i>Journal of the American Heart Association</i> , 2021, 10, e021675.	1.6	11
142	Nonsteroidal Anti-Inflammatory Drugs and Hypertension. <i>Journal of Clinical Hypertension</i> , 2000, 2, 319-323.	1.0	11
143	Computational model-based assessment of baroreflex function from response to Valsalva maneuver. <i>Journal of Applied Physiology</i> , 2018, 125, 1944-1967.	1.2	10
144	Hypertension. <i>Annals of Internal Medicine</i> , 2019, 170, ITC65.	2.0	10

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145	Acute changes in lung function following controlled exposure to cookstove air pollution in the subclinical tests of volunteers exposed to smoke (STOVES) study. <i>Inhalation Toxicology</i> , 2020, 32, 115-123.	0.8	10
146	Clearing the air to treat hypertension. <i>Journal of Human Hypertension</i> , 2020, 34, 759-763.	1.0	10
147	Management of intermittent claudication. <i>Cardiology Clinics</i> , 2002, 20, 521-534.	0.9	9
148	Echoes from Gaea, Poseidon, Hephaestus, and Prometheus: environmental risk factors for high blood pressure. <i>Journal of Human Hypertension</i> , 2018, 32, 594-607.	1.0	9
149	Utilizing Mobile Health Units for Mass Hypertension Screening in Socially Vulnerable Communities Across Detroit. <i>Hypertension</i> , 2022, 79, HYPERTENSIONAHA12219088.	1.3	9
150	Utility of C-Reactive Protein Measurement in Risk Stratification During Primary Cardiovascular Disease Prevention. <i>American Journal of Cardiology</i> , 2005, 95, 1378-1379.	0.7	8
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