

Robert D Brook

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

185
papers

18,282
citations

57
h-index

134
g-index

199
ext. papers

21,378
ext. citations

7.2
avg, IF

6.76
L-index

#	Paper	IF	Citations
185	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
184	Air pollution and cardiovascular disease: a statement for healthcare professionals from the Expert Panel on Population and Prevention Science of the American Heart Association. <i>Circulation</i> , 2004 , 109, 2655-71	16.7	1605
183	Inhalation of fine particulate air pollution and ozone causes acute arterial vasoconstriction in healthy adults. <i>Circulation</i> , 2002 , 105, 1534-6	16.7	611
182	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, 3003-10	27.4	600
181	Ambient air pollution exaggerates adipose inflammation and insulin resistance in a mouse model of diet-induced obesity. <i>Circulation</i> , 2009 , 119, 538-46	16.7	484
180	Expert position paper on air pollution and cardiovascular disease. <i>European Heart Journal</i> , 2015 , 36, 83-93	9.5	445
179	Cardiovascular effects of air pollution. <i>Clinical Science</i> , 2008 , 115, 175-87	6.5	442
178	Variation in PCSK9 and HMGCR and Risk of Cardiovascular Disease and Diabetes. <i>New England Journal of Medicine</i> , 2016 , 375, 2144-2153	59.2	418
177	Air Pollution and Cardiovascular Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2054-2070	15.1	370
176	Beyond medications and diet: alternative approaches to lowering blood pressure: a scientific statement from the american heart association. <i>Hypertension</i> , 2013 , 61, 1360-83	8.5	364
175	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, 659-67	8.5	352
174	Resistant Hypertension: Detection, Evaluation, and Management: A Scientific Statement From the American Heart Association. <i>Hypertension</i> , 2018 , 72, e53-e90	8.5	333
173	Air pollution and type 2 diabetes: mechanistic insights. <i>Diabetes</i> , 2012 , 61, 3037-45	0.9	298
172	Air pollution and incidence of hypertension and diabetes mellitus in black women living in Los Angeles. <i>Circulation</i> , 2012 , 125, 767-72	16.7	266
171	Acute blood pressure responses in healthy adults during controlled air pollution exposures. <i>Environmental Health Perspectives</i> , 2005 , 113, 1052-5	8.4	260
170	Relationships between fine particulate air pollution, cardiometabolic disorders, and cardiovascular mortality. <i>Circulation Research</i> , 2015 , 116, 108-15	15.7	241
169	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,	13.6	230

168	Effect of naturally random allocation to lower low-density lipoprotein cholesterol on the risk of coronary heart disease mediated by polymorphisms in NPC1L1, HMGCR, or both: a 2 × 2 factorial Mendelian randomization study. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1552-61	15.1	228
167	Chronic fine particulate matter exposure induces systemic vascular dysfunction via NADPH oxidase and TLR4 pathways. <i>Circulation Research</i> , 2011 , 108, 716-26	15.7	217
166	Particulate matter, air pollution, and blood pressure. <i>Journal of the American Society of Hypertension</i> , 2009 , 3, 332-50		202
165	Usefulness of visceral obesity (waist/hip ratio) in predicting vascular endothelial function in healthy overweight adults. <i>American Journal of Cardiology</i> , 2001 , 88, 1264-9	3	196
164	Endothelial cell apoptosis in systemic lupus erythematosus: a common pathway for abnormal vascular function and thrombosis propensity. <i>Blood</i> , 2004 , 103, 3677-83	2.2	188
163	The relationship between diabetes mellitus and traffic-related air pollution. <i>Journal of Occupational and Environmental Medicine</i> , 2008 , 50, 32-8	2	187
162	Risk of incident diabetes in relation to long-term exposure to fine particulate matter in Ontario, Canada. <i>Environmental Health Perspectives</i> , 2013 , 121, 804-10	8.4	181
161	Air pollution exposure potentiates hypertension through reactive oxygen species-mediated activation of Rho/ROCK. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1760-6	9.4	171
160	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, 947-956	27.4	169
159	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	6	151
158	Environmental stressors and cardio-metabolic disease: part II-mechanistic insights. <i>European Heart Journal</i> , 2017 , 38, 557-564	9.5	149
157	Autonomic imbalance, hypertension, and cardiovascular risk. <i>American Journal of Hypertension</i> , 2000 , 13, 112S-122S	2.3	148
156	Air Pollution Exposure and Blood Pressure: An Updated Review of the Literature. <i>Current Pharmaceutical Design</i> , 2016 , 22, 28-51	3.3	147
155	Effect of Particulate Matter Air Pollution on Cardiovascular Oxidative Stress Pathways. <i>Antioxidants and Redox Signaling</i> , 2018 , 28, 797-818	8.4	144
154	Acute effects of ambient particulate matter on blood pressure: differential effects across urban communities. <i>Hypertension</i> , 2009 , 53, 853-9	8.5	143
153	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, 550-556	9.5	136
152	Spatial association between ambient fine particulate matter and incident hypertension. <i>Circulation</i> , 2014 , 129, 562-9	16.7	135
151	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	10.2	127

150	Long-term fine particulate matter exposure and mortality from diabetes in Canada. <i>Diabetes Care</i> , 2013 , 36, 3313-20	14.6	119
149	Long-term exposure to concentrated ambient PM _{2.5} 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	8.4	119
148	Air pollution: the "Heart" of the problem. <i>Current Hypertension Reports</i> , 2003 , 5, 32-9	4.7	119
147	Environmental determinants of cardiovascular disease: lessons learned from air pollution. <i>Nature Reviews Cardiology</i> , 2020 , 17, 656-672	14.8	107
146	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, 224-30	2.1	106
145	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
144	Particulate matter air pollution and atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2010 , 12, 291-300	6	95
143	Extreme Air Pollution Conditions Adversely Affect Blood Pressure and Insulin Resistance: The Air Pollution and Cardiometabolic Disease Study. <i>Hypertension</i> , 2016 , 67, 77-85	8.5	94
142	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, 130-9	2.3	94
141	Relative contributions of PM _{2.5} chemical constituents to acute arterial vasoconstriction in humans. <i>Inhalation Toxicology</i> , 2004 , 16, 345-52	2.7	91
140	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, 656-62	9.4	90
139	Air pollution and cardiac remodeling: a role for RhoA/Rho-kinase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H1540-50	5.2	89
138	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, 1012-6	3	85
137	Air Pollution and Cardiometabolic Disease: An Update and Call for Clinical Trials. <i>American Journal of Hypertension</i> , 2017 , 31, 1-10	2.3	84
136	"Environmental hypertensionology" the effects of environmental factors on blood pressure in clinical practice and research. <i>Journal of Clinical Hypertension</i> , 2011 , 13, 836-42	2.3	80
135	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, 338-41	15.1	73
134	Ambient air pollution: an emerging risk factor for diabetes mellitus. <i>Current Diabetes Reports</i> , 2015 , 15, 603	5.6	68
133	Central IKK α inhibition prevents air pollution mediated peripheral inflammation and exaggeration of type II diabetes. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 53	8.4	61

132	The Global Threat of Outdoor Ambient Air Pollution to Cardiovascular Health: Time for Intervention. <i>JAMA Cardiology</i> , 2017 , 2, 353-354	16.2	59
131	Personal black carbon exposure influences ambulatory blood pressure: air pollution and cardiometabolic disease (AIRCMD-China) study. <i>Hypertension</i> , 2014 , 63, 871-7	8.5	58
130	Climate and environmental triggers of acute myocardial infarction. <i>European Heart Journal</i> , 2017 , 38, 955-960	9.5	58
129	Hemodynamic, autonomic, and vascular effects of exposure to coarse particulate matter air pollution from a rural location. <i>Environmental Health Perspectives</i> , 2014 , 122, 624-30	8.4	57
128	PM2.5 and Diabetes and Hypertension Incidence in the Black Women's Health Study. <i>Epidemiology</i> , 2016 , 27, 202-10	3.1	56
127	Is air pollution a cause of cardiovascular disease? Updated review and controversies. <i>Reviews on Environmental Health</i> , 2007 , 22, 115-37	3.8	56
126	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	8.4	55
125	You are what you breathe: evidence linking air pollution and blood pressure. <i>Current Hypertension Reports</i> , 2005 , 7, 427-34	4.7	51
124	Household Air Pollution from Solid Fuel Use: Evidence for Links to CVD. <i>Global Heart</i> , 2012 , 7, 223-34	2.9	51
123	Effect of carotid atherosclerosis screening on risk stratification during primary cardiovascular disease prevention. <i>American Journal of Cardiology</i> , 2004 , 93, 1030-2	3	48
122	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	15.7	45
121	Why physicians who treat hypertension should know more about air pollution. <i>Journal of Clinical Hypertension</i> , 2007 , 9, 629-35	2.3	45
120	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	9.4	44
119	Effect of Portable Air Filtration Systems on Personal Exposure to Fine Particulate Matter and Blood Pressure Among Residents in a Low-Income Senior Facility: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2018 , 178, 1350-1357	11.5	43
118	GLP-1 Agonists and Blood Pressure: A Review of the Evidence. <i>Current Hypertension Reports</i> , 2016 , 18, 16	4.7	42
117	The peroxisome proliferator activated receptor- γ pioglitazone improves vascular function and decreases disease activity in patients with rheumatoid arthritis. <i>Journal of the American Heart Association</i> , 2013 , 2, e000441	6	40
116	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	2.3	39
115	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	5.4	37

114	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, 1121-6	2.3	35
113	Obesity, weight loss, and vascular function. <i>Endocrine</i> , 2006 , 29, 21-5		35
112	Cardiovascular outcomes with an inhaled beta2-agonist/corticosteroid in patients with COPD at high cardiovascular risk. <i>Heart</i> , 2017 , 103, 1536-1542	5.1	34
111	Even low levels of ambient air pollutants are associated with increased emergency department visits for hypertension. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 360-6	3.8	33
110	Long term exposure to NO2 and diabetes incidence in the Black Women's Health Study. <i>Environmental Research</i> , 2016 , 148, 360-366	7.9	33
109	THE INDOOR-OUTDOOR AIR-POLLUTION CONTINUUM AND THE BURDEN OF CARDIOVASCULAR DISEASE: AN OPPORTUNITY FOR IMPROVING GLOBAL HEALTH. <i>Global Heart</i> , 2012 , 7, 207-213	2.9	33
108	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	16.7	32
107	Effects of urban fine particulate matter and ozone on HDL functionality. <i>Particle and Fibre Toxicology</i> , 2016 , 13, 26	8.4	32
106	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	15.1	31
105	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, 670-6		29
104	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, 72-8	10.2	29
103	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	15.1	29
102	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		28
101	Long-Term Exposure to NO2 and Ozone and Hypertension Incidence in the Black Women's Health Study. <i>American Journal of Hypertension</i> , 2017 , 30, 367-372	2.3	28
100	Effects of concentrated fine ambient particles on rat plasma levels of asymmetric dimethylarginine. <i>Inhalation Toxicology</i> , 2004 , 16, 473-80	2.7	28
99	Endotoxin and E11,3-d-Glucan in Concentrated Ambient Particles Induce Rapid Increase in Blood Pressure in Controlled Human Exposures. <i>Hypertension</i> , 2015 , 66, 509-16	8.5	27
98	Particulate matter air pollution and ambient temperature: opposing effects on blood pressure in high-risk cardiac patients. <i>Journal of Hypertension</i> , 2015 , 33, 2032-8	1.9	27
97	Understanding Air Pollution and Cardiovascular Diseases: Is It Preventable?. <i>Current Cardiovascular Risk Reports</i> , 2015 , 9, 1	0.9	27

96	Air pollution and cardiovascular events. <i>New England Journal of Medicine</i> , 2007 , 356, 2104-5; author reply 2105-6	59.2	27
95	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.		26
94	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, 688-94	8.4	24
93	Incidence and Survival After In-Hospital Cardiopulmonary Resuscitation in Nonelderly Adults: US Experience, 2007 to 2012. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017 , 10,	5.8	23
92	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, 587-92	2.7	23
91	Can personal exposures to higher nighttime and early-morning temperatures increase blood pressure?. <i>Journal of Clinical Hypertension</i> , 2011 , 13, 881-8	2.3	23
90	Blood pressure and vascular effects of leptin in humans. <i>Metabolic Syndrome and Related Disorders</i> , 2007 , 5, 270-4	2.6	23
89	The Environment and Blood Pressure. <i>Cardiology Clinics</i> , 2017 , 35, 213-221	2.5	22
88	Cardiopulmonary Impact of Particulate Air Pollution in High-Risk Populations: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2878-2894	15.1	22
87	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, 271-80	6.5	19
86	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	7.9	19
85	When and how to recommend 'alternative approaches' in the management of high blood pressure. <i>American Journal of Medicine</i> , 2015 , 128, 567-70	2.4	18
84	Reduction of personal PM exposure via indoor air filtration systems in Detroit: an intervention study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019 , 29, 484-490	6.7	18
83	Ambient air pollution is associated with cardiac repolarization abnormalities in healthy adults. <i>Environmental Research</i> , 2019 , 171, 239-246	7.9	18
82	Cigarette smoking and response to inhaled corticosteroids in COPD. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	17
81	Blood pressure, heart rate, and mortality in chronic obstructive pulmonary disease: the SUMMIT trial. <i>European Heart Journal</i> , 2018 , 39, 3128-3134	9.5	17
80	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, 145-52	6.7	17
79	Higher fine particulate matter and temperature levels impair exercise capacity in cardiac patients. <i>Heart</i> , 2015 , 101, 1293-301	5.1	16

78	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	6	16
77	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	2.3	15
76	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, 153-9	6.7	14
75	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	16.7	14
74	Determinants of vascular function in patients with chronic gout. <i>Journal of Clinical Hypertension</i> , 2011 , 13, 178-88	2.3	13
73	Controlled exposure study of air pollution and T-wave alternans in volunteers without cardiovascular disease. <i>Environmental Health Perspectives</i> , 2012 , 120, 1157-61	8.4	13
72	Is acute high-dose secondhand smoke exposure always harmful to microvascular function in healthy adults?. <i>Preventive Cardiology</i> , 2010 , 13, 175-9		12
71	Interventions to Reduce Personal Exposures to Air Pollution: A Primer for Health Care Providers. <i>Global Heart</i> , 2019 , 14, 47-60	2.9	12
70	Ambient Air Pollution and Atherosclerosis: Insights Into Dose, Time, and Mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 628-637	9.4	12
69	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	2	11
68	Nonsteroidal Anti-Inflammatory Drugs and Hypertension. <i>Journal of Clinical Hypertension</i> , 2000 , 2, 319-323		11
67	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, 559-67	4.9	10
66	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	2.3	10
65	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	6	10
64	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		9
63	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, 23-9	2.7	9
62	Potential health risks of air pollution beyond triggering acute cardiopulmonary events. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 2194-6	27.4	9
61	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	3	8

60	Cardiovascular impacts and micro-environmental exposure factors associated with continuous personal PM2.5 monitoring. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2014 , 24, 337-45	6.7	8
59	Utility of C-reactive protein measurement in risk stratification during primary cardiovascular disease prevention. <i>American Journal of Cardiology</i> , 2005 , 95, 1378-9	3	8
58	Hypertension. <i>Annals of Internal Medicine</i> , 2019 , 170, ITC65-ITC80	8	8
57	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	7.9	8
56	Coronary artery calcium in hypertension: a review. <i>Journal of the American Society of Hypertension</i> , 2015 , 9, 993-1000		7
55	2020 International Society of Hypertension global hypertension practice guidelines - lifestyle modification. <i>Journal of Hypertension</i> , 2020 , 38, 2340-2341	1.9	7
54	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	0.2	7
53	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	12.9	7
52	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		6
51	Echoes from Gaea, Poseidon, Hephaestus, and Prometheus: environmental risk factors for high blood pressure. <i>Journal of Human Hypertension</i> , 2018 , 32, 594-607	2.6	6
50	Study protocol for a stepped-wedge randomized cookstove intervention in rural Honduras: household air pollution and cardiometabolic health. <i>BMC Public Health</i> , 2019 , 19, 903	4.1	6
49	Prior Medications and the Cardiovascular Benefits From Combination Angiotensin-Converting Enzyme Inhibition Plus Calcium Channel Blockade Among High-Risk Hypertensive Patients. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	5
48	Hypertension and triglyceride catabolism: implications for the hemodynamic model of the metabolic syndrome. <i>Journal of the American College of Nutrition</i> , 2003 , 22, 290-5	3.5	5
47	Management of intermittent claudication. <i>Cardiology Clinics</i> , 2002 , 20, 521-34	2.5	5
46	Cardiometabolic Risk Factor Control During Times of Crises and Beyond. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2020 , 13, e006815	5.8	5
45	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	3.6	5
44	Computational model-based assessment of baroreflex function from response to Valsalva maneuver. <i>Journal of Applied Physiology</i> , 2018 , 125, 1944-1967	3.7	5
43	Isometric Handgrip as an Adjunct for Blood Pressure Control: a Primer for Clinicians. <i>Current Hypertension Reports</i> , 2017 , 19, 51	4.7	4

42	Potential effects on clinical management of treatment algorithms on the basis of apolipoprotein-B/A-1 and total/high-density lipoprotein-cholesterol ratios. <i>Journal of Clinical Lipidology</i> , 2011 , 5, 159-165	4.9	4
41	Effect of Reducing Ambient Traffic-Related Air Pollution on Blood Pressure: A Randomized Crossover Trial. <i>Hypertension</i> , 2021 , 77, 823-832	8.5	4
40	Volcanic smog and cardiometabolic health: Hawaiian hypertension?. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 533-535	2.3	3
39	Reduced Fine Particulate Matter Air Pollution Exposures Using In-Home Portable Air Cleaners: PILOT RESULTS OF THE CARDIAC REHABILITATION AIR FILTER TRIAL (CRAFT). <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2020 , 40, 276-279	3.6	3
38	A road forward to improve public health. <i>Circulation</i> , 2011 , 123, 1705-8	16.7	3
37	Valsartan Improves Insulin Sensitivity without Altering Vascular Function in Healthy Overweight Adults without the Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2007 , 5, 255-61	2.6	3
36	Usefulness of low-density lipoprotein particle size measurement in cardiovascular disease prevention. <i>Clinical Cardiology</i> , 2005 , 28, 534-7	3.3	3
35	Clearing the air to treat hypertension. <i>Journal of Human Hypertension</i> , 2020 , 34, 759-763	2.6	3
34	The Benefits of Intensive Versus Standard Blood Pressure Treatment According to Fine Particulate Matter Air Pollution Exposure: A Post Hoc Analysis of SPRINT. <i>Hypertension</i> , 2021 , 77, 813-822	8.5	3
33	Cardiovascular health effects of wearing a particulate-filtering respirator to reduce particulate matter exposure: a randomized crossover trial. <i>Journal of Human Hypertension</i> , 2021 ,	2.6	3
32	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	6.9	3
31	A novel homozygous ABCA1 variant in an asymptomatic man with profound hypoalphalipoproteinemia. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 878-882	4.9	3
30	Hypertriglyceridaemia-induced pancreatitis prompted by acute corticosteroid treatment: caution for clinicians. <i>Internal Medicine Journal</i> , 2019 , 49, 411-412	1.6	2
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