Sanjay Rajagopaian

List of Publications by Year
in descending order

193 papers	23,630 citations	23500 58 h-index	8370 147 g-index
195 all docs	195 docs citations	195 times ranked	21479 citing authors

#	Article	IF	Citations
1	Particulate Matter Air Pollution and Cardiovascular Disease. Circulation, 2010, 121, 2331-2378.	1.6	5,007
2	Global Burden of Cardiovascular Diseases and Risk Factors, 1990â€“2019. Journal of the American College of Cardiology, 2020, 76, 2982-3021.	1.2	4,468
3	Air Pollution and Cardiovascular Disease. Journal of the American College of Cardiology, 2018, 72, 2054-2070.	1.2	749
4	Inhalation of Fine Particulate Air Pollution and Ozone Causes Acute Arterial Vasoconstriction in Healthy Adults. Circulation, 2002, 105, 1534-1536.	1.6	713
5	Long-term Air Pollution Exposure and Acceleration of Atherosclerosis and Vascular Inflammation in an Animal Model. JAMA - Journal of the American Medical Association, 2005, 294, 3003.	3.8	710
6	Expert position paper on air pollution and cardiovascular disease. European Heart Journal, 2015, 36, 83-93.	1.0	646
7	Ambient Air Pollution Exaggerates Adipose Inflammation and Insulin Resistance in a Mouse Model of Diet-Induced Obesity. Circulation, 2009, 119, 538-546.	1.6	608
8	Regional Angiogenesis With Vascular Endothelial Growth Factor in Peripheral Arterial Disease. Circulation, 2003, 108, 1933-1938.	1.6	527
9	Insights Into the Mechanisms and Mediators of the Effects of Air Pollution Exposure on Blood Pressure and Vascular Function in Healthy Humans. Hypertension, 2009, 54, 659-667.	1.3	409
10	Air Pollution and Type 2 Diabetes. Diabetes, 2012, 61, 3037-3045.	0.3	395
11	Environmental determinants of cardiovascular disease: lessons learned from air pollution. Nature Reviews Cardiology, 2020, 17, 656-672.	6.1	352
12	Acute Blood Pressure Responses in Healthy Adults During Controlled Air Pollution Exposures. Environmental Health Perspectives, 2005, 113, 1052-1055.	2.8	286
13	Chronic Fine Particulate Matter Exposure Induces Systemic Vascular Dysfunction via NADPH Oxidase and TLR4 Pathways. Circulation Research, 2011, 108, 716-726.	2.0	275
14	Effects of gaseous and solid constituents of air pollution on endothelial function. European Heart Journal, 2018, 39, 3543-3550.	1.0	263
15	Effect of Early Particulate Air Pollution Exposure on Obesity in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 2518-2527.	1.1	254
16	Particulate matter, air pollution, and blood pressure. Journal of the American Society of Hypertension, 2009, 3, 332-350.	2.3	250
17	Long-term Exposure to Ambient Fine Particulate Pollution Induces Insulin Resistance and Mitochondrial Alteration in Adipose Tissue. Toxicological Sciences, 2011, 124, 88-98.	1.4	227
18	Effect of Particulate Matter Air Pollution on Cardiovascular Oxidative Stress Pathways. Antioxidants and Redox Signaling, 2018, 28, 797-818.	2.5	225

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19	Endothelial cell apoptosis in systemic lupus erythematosus: a common pathway for abnormal vascular function and thrombosis propensity. Blood, 2004, 103, 3677-3683.	0.6	220
20	Environmental stressors and cardio-metabolic disease: part IIâ€“mechanistic insights. European Heart Journal, 2017, 38, ehw294.	1.0	209
21	Air Pollution Exposure Potentiates Hypertension Through Reactive Oxygen Species-Mediated Activation of Rho/ROCK. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1760-1766.	1.1	198
22	Environmental stressors and cardio-metabolic disease: part Iâ€“epidemiologic evidence supporting a role for noise and air pollution and effects of mitigation strategies. European Heart Journal, 2017, 38, ehw269.	1.0	193
23	Air Pollutionâ€“Mediated Susceptibility to Inflammation and Insulin Resistance: Influence of CCR2 Pathways in Mice. Environmental Health Perspectives, 2014, 122, 17-26.	2.8	168
24	Ambient particulate air pollution induces oxidative stress and alterations of mitochondria and gene expression in brown and white adipose tissues. Particle and Fibre Toxicology, 2011, 8, 20.	2.8	167
25	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. Environmental Health Perspectives, 2014, 122, 79-86.	2.8	161
26	Oxidative stress pathways of air pollution mediated toxicity: Recent insights. Redox Biology, 2020, 34, 101545.	3.9	156
27	CD36-Dependent 7-Ketocholesterol Accumulation in Macrophages Mediates Progression of Atherosclerosis in Response to Chronic Air Pollution Exposure. Circulation Research, 2014, 115, 770-780.	2.0	148
28	Reduced metabolic insulin sensitivity following sub-acute exposures to low levels of ambient fine particulate matter air pollution. Science of the Total Environment, 2013, 448, 66-71.	3.9	146
29	Long-Term Fine Particulate Matter Exposure and Mortality From Diabetes in Canada. Diabetes Care, 2013, 36, 3313-3320.	4.3	145
30	Exposure to fine airborne particulate matters induces hepatic fibrosis in murine models. Journal of Hepatology, 2015, 63, 1397-1404.	1.8	141
31	Cardiovascular Remodeling in Response to Long-Term Exposure to Fine Particulate Matter Air Pollution. Circulation: Heart Failure, 2012, 5, 452-461.	1.6	137
32	Adenovirus-Mediated Gene Transfer of VEGF 121 Improves Lower-Extremity Endothelial Function and Flow Reserve. Circulation, 2001, 104, 753-755.	1.6	130
33	Extreme Air Pollution Conditions Adversely Affect Blood Pressure and Insulin Resistance. Hypertension, 2016, 67, 77-85.	1.3	128
34	Air Pollution and Cardiometabolic Disease: An Update and Call for Clinical Trials. American Journal of Hypertension, 2018, 31, 1-10.	1.0	121
35	Pollution and the Heart. New England Journal of Medicine, 2021, 385, 1881-1892.	13.9	121
36	â€œEnvironmental Hypertensionologyâ€•The Effects of Environmental Factors on Blood Pressure in Clinical Practice and Research. Journal of Clinical Hypertension, 2011, 13, 836-842.	1.0	116

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37	Personal-Level Protective Actions Against Particulate Matter Air Pollution Exposure: A Scientific Statement From the American Heart Association. Circulation, 2020, 142, e411-e431.	1.6	112
38	Particulate Matter Air Pollution and Atherosclerosis. Current Atherosclerosis Reports, 2010, 12, 291-300.	2.0	111
39	Air Pollution as a Risk Factor for Type 2 Diabetes. Toxicological Sciences, 2015, 143, 231-241.	1.4	101
40	Ambient Air Pollution: An Emerging Risk Factor for Diabetes Mellitus. Current Diabetes Reports, 2015, 15, 603.	1.7	89
41	Ambient Air Pollution Is Associated With HDL (High-Density Lipoprotein) Dysfunction in Healthy Adults. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 513-522.	1.1	87
42	Regional angiogenesis with vascular endothelial growth factor (VEGF) in peripheral arterial disease: Design of the RAVE trial. American Heart Journal, 2003, 145, 1114-1118.	1.2	84
43	A neurobiological mechanism linking transportation noise to cardiovascular disease in humans. European Heart Journal, 2020, 41, 772-782.	1.0	84
44	Hybrid nanoparticles improve targeting to inflammatory macrophages through phagocytic signals. Journal of Controlled Release, 2015, 217, 243-255.	4.8	83
45	The Global Threat of Outdoor Ambient Air Pollution to Cardiovascular Health. JAMA Cardiology, 2017, 2, 353.	3.0	82
46	Exaggerated effects of particulate matter air pollution in genetic type II diabetes mellitus. Particle and Fibre Toxicology, 2014, 11, 27.	2.8	80
47	Personal Black Carbon Exposure Influences Ambulatory Blood Pressure. Hypertension, 2014, 63, 871-877.	1.3	79
48	The NIEHS TaRGET II Consortium and environmental epigenomics. Nature Biotechnology, 2018, 36, 225-227.	9.4	79
49	Extreme Levels of Air Pollution Associated With Changes in Biomarkers of Atherosclerotic Plaque Vulnerability and Thrombogenicity in Healthy Adults. Circulation Research, 2019, 124, e30-e43.	2.0	79
50	Central IKKÎ² inhibition prevents air pollution mediated peripheral inflammation and exaggeration of type II diabetes. Particle and Fibre Toxicology, 2014, 11, 53.	2.8	78
51	Climate and environmental triggers of acute myocardial infarction. European Heart Journal, 2017, 38, ehw151.	1.0	76
52	Prediabetes. Canadian Journal of Cardiology, 2018, 34, 615-623.	0.8	72
53	The Role of the Mineralocorticoid Receptor in Inflammation: Focus on Kidney and Vasculature. American Journal of Nephrology, 2017, 46, 298-314.	1.4	71
54	Climate change and cardiovascular disease: implications for global health. Nature Reviews Cardiology, 2022, 19, 798-812.	6.1	70

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55	Cardiopulmonary Impact of Particulate Air Pollution in High-Risk Populations. Journal of the American College of Cardiology, 2020, 76, 2878-2894.	1.2	68
56	Hemodynamic, Autonomic, and Vascular Effects of Exposure to Coarse Particulate Matter Air Pollution from a Rural Location. Environmental Health Perspectives, 2014, 122, 624-630.	2.8	65
57	Dipeptidyl Peptidase-4 Regulation of SDF-1/CXCR4 Axis: Implications for Cardiovascular Disease. Frontiers in Immunology, 2015, 6, 477.	2.2	65
58	Household Air Pollution from Solid Fuel Use: Evidence for Links to CVD. Global Heart, 2012, 7, 223.	0.9	65
59	Ambient Air Pollution and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 628-637.	1.1	64
60	Increased asymmetric dimethylarginine and endothelin 1 levels in secondary Raynaud's phenomenon: Implications for vascular dysfunction and progression of disease. Arthritis and Rheumatism, 2003, 48, 1992-2000.	6.7	62
61	GLP-1 Agonists and Blood Pressure: A Review of the Evidence. Current Hypertension Reports, 2016, 18, 16.	1.5	61
62	Air pollution health research priorities for India: Perspectives of the Indo-U.S. Communities of Researchers. Environment International, 2018, 119, 100-108.	4.8	56
63	Pulmonary T cell activation in response to chronic particulate air pollution. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L399-L409.	1.3	55
64	Heart healthy cities: genetics loads the gun but the environment pulls the trigger. European Heart Journal, 2021, 42, 2422-2438.	1.0	55
65	Recent Advances in Dipeptidyl-Peptidase-4 Inhibition Therapy: Lessons from the Bench and Clinical Trials. Journal of Diabetes Research, 2015, 2015, 1-14.	1.0	52
66	CD8 ⁺ T Cells and Macrophages Regulate Pathogenesis in a Mouse Model of Middle East Respiratory Syndrome. Journal of Virology, 2017, 91, .	1.5	52
67	Effect of losartan in aging-related endothelial impairment. American Journal of Cardiology, 2002, 89, 562-566.	0.7	50
68	Phase I study of direct administration of a replication deficient adenovirus vector containing the vascular endothelial growth factor cDNA (CI-1023) to patients with claudication. American Journal of Cardiology, 2002, 90, 512-516.	0.7	50
69	Visceral Adipose MicroRNA 223 Is Upregulated in Human and Murine Obesity and Modulates the Inflammatory Phenotype of Macrophages. PLoS ONE, 2016, 11, e0165962.	1.1	50
70	Effects of cilostazol in patients with Raynaud's syndrome. American Journal of Cardiology, 2003, 92, 1310-1315.	0.7	49
71	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. Journal of the American Society of Hypertension, 2018, 12, 238.	2.3	48
72	Cardiac Magnetic Resonance Fingerprinting. JACC: Cardiovascular Imaging, 2018, 11, 1837-1853.	2.3	47

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73	Guidance to Reduce the Cardiovascular Burden of Ambient Air Pollutants: A Policy Statement From the American Heart Association. Circulation, 2020, 142, e432-e447.	1.6	47
74	Indoor-Outdoor Air Pollution Continuum and CVD Burden: An Opportunity for Improving Global Health. Global Heart, 2012, 7, 207.	0.9	45
75	Reduction of environmental pollutants for prevention of cardiovascular disease: itâ€™s time to act. European Heart Journal, 2020, 41, 3989-3997.	1.0	44
76	Metabolic effects of air pollution exposure and reversibility. Journal of Clinical Investigation, 2020, 130, 6034-6040.	3.9	43
77	Cardiovascular outcomes with an inhaled beta2-agonist/corticosteroid in patients with COPD at high cardiovascular risk. Heart, 2017, 103, 1536-1542.	1.2	41
78	Acute increase in blood pressure during inhalation of coarse particulate matter air pollution from an urban location. Journal of the American Society of Hypertension, 2016, 10, 133-139.e4.	2.3	40
79	T1â€weightedâ€“SPACE dark blood whole body magnetic resonance angiography (DBâ€WBMRA): Initial experience. Journal of Magnetic Resonance Imaging, 2010, 31, 502-509.	1.9	39
80	Rapid assessment of quantitative T₁, T₂ and T₂* in lower extremity muscles in response to maximal treadmill exercise. NMR in Biomedicine, 2015, 28, 998-1008.	1.6	39
81	Combined effects of exposure to dim light at night and fine particulate matter on C3H/HeNHsd mice. Behavioural Brain Research, 2015, 294, 81-88.	1.2	39
82	â€œEat meâ€•imaging and therapy. Advanced Drug Delivery Reviews, 2016, 99, 2-11.	6.6	39
83	Aldosterone as a target in congestive heart failure. Medical Clinics of North America, 2003, 87, 441-457.	1.1	37
84	Air pollution-derived particulate matter dysregulates hepatic Krebs cycle, glucose and lipid metabolism in mice. Scientific Reports, 2019, 9, 17423.	1.6	37
85	Temporal trends in the incidence, treatment patterns, and outcomes of coronary artery disease and peripheral artery disease in the UK, 2006â€“2015. European Heart Journal, 2020, 41, 1636-1649.	1.0	36
86	A leucopoietic-arterial axis underlying the link between ambient air pollution and cardiovascular disease in humans. European Heart Journal, 2021, 42, 761-772.	1.0	36
87	Particulate Air pollution mediated effects on insulin resistance in mice are independent of CCR2. Particle and Fibre Toxicology, 2017, 14, 6.	2.8	35
88	Noncontrast Magnetic Resonance Angiography for the Diagnosis of Peripheral Vascular Disease. Circulation: Cardiovascular Imaging, 2019, 12, e008844.	1.3	35
89	Initial feasibility of a multiâ€station high resolution threeâ€dimensional dark blood angiography protocol for the assessment of peripheral arterial disease. Journal of Magnetic Resonance Imaging, 2009, 30, 785-793.	1.9	33
90	Exposure to concentrated ambient particulate matter induces reversible increase of heart weight in spontaneously hypertensive rats. Particle and Fibre Toxicology, 2015, 12, 15.	2.8	33

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91	Inhalation Exposure to PM2.5 Counteracts Hepatic Steatosis in Mice Fed High-fat Diet by Stimulating Hepatic Autophagy. Scientific Reports, 2017, 7, 16286.	1.6	33
92	Identification and reduction of image artifacts in non-contrast-enhanced velocity-selective peripheral angiography at 3T. Magnetic Resonance in Medicine, 2016, 76, 466-477.	1.9	32
93	Incretin-Based Therapy for Diabetes. Journal of the American College of Cardiology, 2016, 67, 1488-1496.	1.2	32
94	Repeated ozone exposure exacerbates insulin resistance and activates innate immune response in genetically susceptible mice. Inhalation Toxicology, 2016, 28, 383-392.	0.8	31
95	Simultaneous Mapping of <scp>T₁</scp> and <scp>T₂</scp> Using Cardiac Magnetic Resonance Fingerprinting in a Cohort of Healthy Subjects at 1.<scp>5T</scp>. Journal of Magnetic Resonance Imaging, 2020, 52, 1044-1052.	1.9	31
96	Exposure to Concentrated Ambient PM2.5Shortens Lifespan and Induces Inflammation-Associated Signaling and Oxidative Stress in Drosophila. Toxicological Sciences, 2017, 156, kfw240.	1.4	30
97	Acute Blood Pressure and Cardiovascular Effects of Near-Roadway Exposures With and Without N95 Respirators. American Journal of Hypertension, 2019, 32, 1054-1065.	1.0	30
98	Effects of Valsartan Alone Versus Valsartan/Simvastatin Combination on Ambulatory Blood Pressure, C-Reactive Protein, Lipoproteins, and Monocyte Chemoattractant Proteinâ€“1 in Patients With Hyperlipidemia and Hypertension. American Journal of Cardiology, 2007, 100, 222-226.	0.7	29
99	Incretin-based therapy in type 2 diabetes: An evidence based systematic review and meta-analysis. Journal of Diabetes and Its Complications, 2018, 32, 113-122.	1.2	29
100	Deep learning reconstruction for cardiac magnetic resonance fingerprinting T₁ and T₂ mapping. Magnetic Resonance in Medicine, 2021, 85, 2127-2135.	1.9	29
101	Ambient air pollution is associated with cardiac repolarization abnormalities in healthy adults. Environmental Research, 2019, 171, 239-246.	3.7	28
102	Magnetic resonance angiographic techniques for the diagnosis of arterial disease. Cardiology Clinics, 2002, 20, 501-512.	0.9	27
103	Exposure to Air Pollution Disrupts Circadian Rhythm through Alterations in Chromatin Dynamics. IScience, 2020, 23, 101728.	1.9	27
104	Associations between particulate matter air pollution, presence and progression of subclinical coronary and carotid atherosclerosis: A systematic review. Atherosclerosis, 2020, 306, 22-32.	0.4	23
105	Exploration of the composition and sources of urban fine particulate matter associated with same-day cardiovascular health effects in Dearborn, Michigan. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 145-152.	1.8	22
106	The regulatory role of DPP4 in atherosclerotic disease. Cardiovascular Diabetology, 2017, 16, 76.	2.7	22
107	CITED2 Restrains Proinflammatory Macrophage Activation and Response. Molecular and Cellular Biology, 2018, 38, .	1.1	22
108	Nano-Antagonist Alleviates Inflammation and Allows for MRI of Atherosclerosis. Nanotheranostics, 2019, 3, 342-355.	2.7	22

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109	Ambient Air Pollution and Mortality AfterÂCardiac Transplantation. Journal of the American College of Cardiology, 2019, 74, 3026-3035.	1.2	22
110	Cardiovascular Mortality and Exposure to Heat in an Inherently Hot Region. Circulation, 2020, 141, 1271-1273.	1.6	22
111	Neighborhood-level Social Vulnerability and Prevalence of Cardiovascular Risk Factors and Coronary Heart Disease. Current Problems in Cardiology, 2023, 48, 101182.	1.1	22
112	Alpha-lipoic acid activates eNOS through activation of PI3-kinase/Akt signaling pathway. Vascular Pharmacology, 2015, 64, 28-35.	1.0	21
113	Angiotensin Receptor Blockade Improves Vascular Compliance in Healthy Normotensive Elderly Individuals: Results From a Randomized Doubleâ€Blind Placeboâ€Controlled Trial. Journal of Clinical Hypertension, 2006, 8, 783-790.	1.0	20
114	Alpha2B-Adrenergic Receptor Overexpression in the Brain Potentiate Air Pollution-induced Behavior and Blood Pressure Changes. Toxicological Sciences, 2019, 169, 95-107.	1.4	20
115	Dpp4 inhibition as a therapeutic strategy in cardiometabolic disease: Incretin-dependent and -independent function. International Journal of Cardiology, 2015, 197, 170-179.	0.8	19
116	The characteristics of coarse particulate matter air pollution associated with alterations in blood pressure and heart rate during controlled exposures. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 153-159.	1.8	19
117	Low dose contrast CT for transcatheter aortic valve replacement assessment: Results from the prospective SPECTACULAR study (spectral CT assessment prior to TAVR). Journal of Cardiovascular Computed Tomography, 2020, 14, 68-74.	0.7	19
118	Association between ambient air pollution and county-level cardiovascular mortality in the United States by social deprivation index. American Heart Journal, 2021, 235, 125-131.	1.2	19
119	CMR Fingerprinting for Myocardial T1, T2, and ECV Quantification in Patients With Nonischemic Cardiomyopathy. JACC: Cardiovascular Imaging, 2019, 12, 1584-1585.	2.3	18
120	Short-term effects of ambient air pollution and outdoor temperature on biomarkers of myocardial damage, inflammation and oxidative stress in healthy adults. Environmental Epidemiology, 2019, 3, e078.	1.4	17
121	No-Charge Coronary Artery Calcium Screening for Cardiovascular RiskÂAssessment. Journal of the American College of Cardiology, 2020, 76, 1259-1262.	1.2	17
122	Ambient Air Pollution and Atherosclerosis: Recent Updates. Current Atherosclerosis Reports, 2021, 23, 63.	2.0	17
123	â€œStressedâ€•About Air Pollution. Circulation, 2017, 136, 628-631.	1.6	16
124	Differential contribution of bone marrow-derived infiltrating monocytes and resident macrophages to persistent lung inflammation in chronic air pollution exposure. Scientific Reports, 2020, 10, 14348.	1.6	16
125	Cardiac Computed Tomography for Personalized Management of Patients With Type 2 Diabetes Mellitus. Circulation: Cardiovascular Imaging, 2020, 13, e011365.	1.3	16
126	Variations in Sleep Characteristics and Glucose Regulation in Young Adults With Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e1085-e1095.	1.8	15

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127	Effects of respirators to reduce fine particulate matter exposures on blood pressure and heart rate variability: A systematic review and meta-analysis. Environmental Pollution, 2022, 303, 119109.	3.7	14
128	Glycemia Lowering and Risk for Heart Failure. Circulation: Heart Failure, 2015, 8, 819-825.	1.6	13
129	Subacute inhalation exposure to ozone induces systemic inflammation but not insulin resistance in a diabetic mouse model. Inhalation Toxicology, 2016, 28, 155-163.	0.8	13
130	Flattening the curve in COVID-19 using personalised protective equipment: lessons from air pollution. Heart, 2020, 106, 1286-1288.	1.2	13
131	The Benefits of Intensive Versus Standard Blood Pressure Treatment According to Fine Particulate Matter Air Pollution Exposure. Hypertension, 2021, 77, 813-822.	1.3	13
132	Aliskiren Effect on Plaque Progression in Established Atherosclerosis Using High Resolution 3D MRI (ALPINE): A Doubleâ€Blind Placeboâ€Controlled Trial. Journal of the American Heart Association, 2013, 2, e004879.	1.6	12
133	Lipoprotein effects of incretin analogs and dipeptidyl peptidase 4 inhibitors. Clinical Lipidology, 2015, 10, 103-112.	0.4	12
134	Personalizing Your Airspace and Your Healthâˆ—. Journal of the American College of Cardiology, 2015, 65, 2288-2290.	1.2	11
135	Free breathing three-dimensional late gadolinium enhancement cardiovascular magnetic resonance using outer volume suppressed projection navigators. Magnetic Resonance in Medicine, 2017, 77, 1533-1543.	1.9	11
136	Personal-level exposure to environmental temperature is a superior predictor of endothelial-dependent vasodilatation than outdoor-ambient level. Journal of the American Society of Hypertension, 2017, 11, 746-753.e1.	2.3	11
137	Getting Sympathetic About Air Pollution Exposure. Journal of the American Heart Association, 2021, 10, e021675.	1.6	11
138	Hospitalization for Heart Failure in the United States, UK, Taiwan, and Japan: An International Comparison of Administrative Health Records on 413,385 Individual Patients. Journal of Cardiac Failure, 2022, 28, 353-366.	0.7	11
139	Cardiovascular evaluation and management of iron overload cardiomyopathy in sickle cell disease. American Journal of Hematology, 2018, 93, E7-E9.	2.0	10
140	Unenhanced Velocityâ€Selective MR Angiography (VSâ€MRA): Initial Clinical Evaluation in Patients With Peripheral Artery Disease. Journal of Magnetic Resonance Imaging, 2019, 49, 744-751.	1.9	10
141	Methoxyphenol derivatives as reversible inhibitors of myeloperoxidase as potential antiatherosclerotic agents. Future Medicinal Chemistry, 2020, 12, 95-110.	1.1	10
142	Systemically-delivered biodegradable PLGA alters gut microbiota and induces transcriptomic reprogramming in the liver in an obesity mouse model. Scientific Reports, 2020, 10, 13786.	1.6	10
143	Impact of comorbidities on peak troponin levels and mortality in acute myocardial infarction. Heart, 2020, 106, 677-685.	1.2	10
144	A neurobiological link between transportation noise exposure and metabolic disease in humans. Psychoneuroendocrinology, 2021, 131, 105331.	1.3	10

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145	Clearing the air to treat hypertension. Journal of Human Hypertension, 2020, 34, 759-763.	1.0	10
146	Lipoicmethylenedioxyphenol Reduces Experimental Atherosclerosis through Activation of Nrf2 Signaling. PLoS ONE, 2016, 11, e0148305.	1.1	10
147	Skin Fibrosis and Recovery Is Dependent on Wnt Activation via DPP4. Journal of Investigative Dermatology, 2022, 142, 1597-1606.e9.	0.3	10
148	Novel computed tomography angiographyâ€based sizing methodology for WATCHMAN FLX device in left atrial appendage closure. Journal of Cardiovascular Electrophysiology, 2022, 33, 1781-1787.	0.8	10
149	Complete Reninâ€“Angiotensinâ€“Aldosterone System (RAAS) Blockade in High-Risk Patients. Hypertension, 2013, 62, 444-449.	1.3	9
150	Design of the Magnetic Resonance Imaging Evaluation of Mineralocorticoid Receptor Antagonism in Diabetic Atherosclerosis (<scp>MAGMA</scp>) Trial. Clinical Cardiology, 2017, 40, 633-640.	0.7	8
151	A New WATCHMAN Sizing Algorithm Utilizing Cardiac CTA. Cardiovascular Revascularization Medicine, 2021, 33, 13-19.	0.3	8
152	Socioeconomic Deprivation and Premature Cardiovascular Mortality in the United States. Mayo Clinic Proceedings, 2022, 97, 1108-1113.	1.4	8
153	Overview of Coronary Heart Disease Risk Initiatives in South Asia. Current Atherosclerosis Reports, 2017, 19, 25.	2.0	7
154	Evaluation of dyspnea of unknown etiology in HIV patients with cardiopulmonary exercise testing and cardiovascular magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 74.	1.6	7
155	Long-Term Prognostic Implications and Role of Further Testing in Adults Aged â‰¥55ÂYears With a Coronary Calcium Score of Zero (from the Multi-Ethnic Study of Atherosclerosis). American Journal of Cardiology, 2021, 161, 26-35.	0.7	7
156	Social Vulnerability and Excess Mortality in the COVID-19 Era. American Journal of Cardiology, 2022, 172, 172-174.	0.7	7
157	Cardiometabolic Risk Factor Control During Times of Crises and Beyond. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006815.	0.9	6
158	Deep learning segmentation and quantification method for assessing epicardial adipose tissue in CT calcium score scans. Scientific Reports, 2022, 12, 2276.	1.6	6
159	Effect of No-Charge Coronary Artery Calcium Scoring on Cardiovascular Prevention. American Journal of Cardiology, 2022, 174, 40-47.	0.7	6
160	Regression therapy for cardiovascular disease. European Heart Journal, 2019, 40, 3418-3420.	1.0	5
161	Air pollution and flooding in the lungs: modern insights into ancient problems. European Heart Journal, 2021, 42, 1592-1594.	1.0	5
162	Revascularization in ischaemic heart failure with preserved ejection fraction: a nationwide cohort study. European Journal of Heart Failure, 2022, 24, 1427-1438.	2.9	5

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163	Perspectives on Optimizing Trial Design and Endpoints in Peripheral Arterial Disease: A Case for Imaging-Based Surrogates as Endpoints of Functional Efficacy. Cardiology Clinics, 2011, 29, 419-431.	0.9	4
164	Emerging utility of once-weekly exenatide in patients with type 2 diabetes. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2015, 8, 505.	1.1	4
165	Mortality from myocardial infarction in chronic obstructive pulmonary disease: minding and mending the â€˜Gapâ€™. Heart, 2015, 101, 1085-1086.	1.2	4
166	Contribution of airborne desert dust to air quality and cardiopulmonary disease. European Heart Journal, 2019, 40, 2377-2378.	1.0	4
167	Endothelin-1 and peak oxygen consumption in patients with heart failure with preserved ejection fraction. Heart and Lung: Journal of Acute and Critical Care, 2021, 50, 442-446.	0.8	4
168	Soluble Tumor Necrosis Factor Receptor 1 is Associated With Cardiovascular Risk in Persons With Coronary Artery Calcium Score of Zero. Pathogens and Immunity, 2021, 6, 135-148.	1.4	4
169	Nf-Kb Inhibition Lowers Blood Pressure in Mineralocorticoid Hypertensive Rats.. Hypertension, 2000, 36, 692-692.	1.3	4
170	Cancer risks of anti-hyperglycemic drugs for type 2 diabetes treatment â€“ a clinical appraisal. Journal of Diabetes and Its Complications, 2017, 31, 1451-1457.	1.2	3
171	Chemotherapy-associated nonbacterial thrombotic endocarditis: A radiological mimicker of cardiac amyloidosis requiring histopathologic examination for definitive diagnosis. Cardiovascular Pathology, 2020, 47, 107210.	0.7	3
172	Getting in Shape for the Worldâ€™s Leading Environmental Risk Factor. Journal of the American College of Cardiology, 2020, 75, 718-721.	1.2	3
173	Climate change and healthcare organizations: a call to arms. European Heart Journal, 2022, 43, 2435-2437.	1.0	3
174	Being BOLD in Critical Limb Ischemia â^—. Journal of the American College of Cardiology, 2016, 67, 432-434.	1.2	2
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