

List of Publications by Citations

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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.

88 papers	3,611 citations	23 h-index	59 g-index
97 ext. papers	4,375 ext. citations	6.9 avg, IF	4.82 L-index

#	Paper	IF	Citations
88	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011 , 478, 103-9	50.4	1564
87	Genome-wide association study identifies six new loci influencing pulse pressure and mean arterial pressure. <i>Nature Genetics</i> , 2011 , 43, 1005-11	36.3	338
86	Genome-wide association study of blood pressure extremes identifies variant near UMOD associated with hypertension. <i>PLoS Genetics</i> , 2010 , 6, e1001177	6	255
85	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , 2011 , 20, 2273-84	5.6	146
84	Cardiac natriuretic peptides, obesity, and insulin resistance: evidence from two community-based studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 3242-9	5.6	114
83	Atrial natriuretic peptide is negatively regulated by microRNA-425. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3378-82	15.9	92
82	Vitamin D therapy in individuals with prehypertension or hypertension: the DAYLIGHT trial. <i>Circulation</i> , 2015 , 131, 254-62	16.7	78
81	Implantable Cardioverter-Defibrillator for Nonischemic Cardiomyopathy: An Updated Meta-Analysis. <i>Circulation</i> , 2017 , 135, 201-203	16.7	75
80	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	65
79	Soluble guanylate cyclase β -deficient mice: a novel murine model for primary open angle glaucoma. <i>PLoS ONE</i> , 2013 , 8, e60156	3.7	43
78	Evaluation of the Incidence of New-Onset Atrial Fibrillation After Aortic Valve Replacement. <i>JAMA Internal Medicine</i> , 2019 , 179, 1122-1130	11.5	34
77	Racial Differences in Plasma Levels of N-Terminal Pro-B-Type Natriuretic Peptide and Outcomes: The Reasons for Geographic and Racial Differences in Stroke (REGARDS) Study. <i>JAMA Cardiology</i> , 2018 , 3, 11-17	16.2	33
76	Catheter-directed treatment for acute pulmonary embolism: Systematic review and single-arm meta-analyses. <i>International Journal of Cardiology</i> , 2016 , 225, 128-139	3.2	30
75	Weight loss, saline loading, and the natriuretic peptide system. <i>Journal of the American Heart Association</i> , 2015 , 4, e001265	6	29
74	Hospitalization Rates, Prevalence of Cardiovascular Manifestations, and Outcomes Associated With Sarcoidosis in the United States. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	29
73	Surgical Embolectomy for Acute Pulmonary Embolism: Systematic Review and Comprehensive Meta-Analyses. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 982-990	2.7	28
72	Targeted Temperature Management After Cardiac Arrest: Systematic Review and Meta-analyses. <i>Anesthesia and Analgesia</i> , 2018 , 126, 867-875	3.9	28

71	Lack of resolution sensor drives age-related cardiometabolic and cardiorenal defects and impedes inflammation-resolution in heart failure. <i>Molecular Metabolism</i> , 2020 , 31, 138-149	8.8	27
70	Vitamin D Supplementation Modulates T Cell-Mediated Immunity in Humans: Results from a Randomized Control Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 533-8	5.6	26
69	A retrospective cohort study of 12,306 pediatric COVID-19 patients in the United States. <i>Scientific Reports</i> , 2021 , 11, 10231	4.9	26
68	Lipoprotein(a) and Risk of Ischemic Stroke in the REGARDS Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 810-818	9.4	25
67	Trends and Cost of Heart Transplantation and Left Ventricular Assist Devices: Impact of Proposed Federal Cuts. <i>JACC: Heart Failure</i> , 2018 , 6, 424-432	7.9	25
66	Effect of phosphodiesterase inhibition on insulin resistance in obese individuals. <i>Journal of the American Heart Association</i> , 2014 , 3, e001001	6	24
65	Acute Metabolic Influences on the Natriuretic Peptide System in Humans. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 804-812	15.1	23
64	Blood pressure and human genetic variation in the general population. <i>Current Opinion in Cardiology</i> , 2010 , 25, 229-37	2.1	23
63	Inflammation and Circulating Natriuretic Peptide Levels. <i>Circulation: Heart Failure</i> , 2020 , 13, e006570	7.6	21
62	Race, Natriuretic Peptides, and High-Carbohydrate Challenge: A Clinical Trial. <i>Circulation Research</i> , 2019 , 125, 957-968	15.7	21
61	In-Hospital Management and Outcomes After ST-Segment-Elevation Myocardial Infarction in Medicaid Beneficiaries Compared With Privately Insured Individuals. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2019 , 12, e004971	5.8	19
60	Long noncoding Mhrt RNA: molecular crowbar unravel insights into heart failure treatment. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 213-5		15
59	Novel MicroRNA Regulators of Atrial Natriuretic Peptide Production. <i>Molecular and Cellular Biology</i> , 2016 , 36, 1977-87	4.8	15
58	Ideal Cardiovascular Health Among American Adults After the Economic Recession of 2008-2009: Insights from NHANES. <i>American Journal of Medicine</i> , 2019 , 132, 1182-1190.e5	2.4	13
57	Trends in Lipid, Lipoproteins, and Statin Use Among U.S. Adults: Impact of 2013 Cholesterol Guidelines. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2525-2528	15.1	13
56	Geographic Variation in Racial Disparities in Health and Coronavirus Disease-2019 (COVID-19) Mortality. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2020 , 4, 703-716	3.1	12
55	Comparison of Approaches to Revascularization in Patients With Multivessel Coronary Artery Disease Presenting With ST-Segment Elevation Myocardial Infarction: Meta-analyses of Randomized Control Trials. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	12
54	Conducting and interpreting high-quality systematic reviews and meta-analyses. <i>Journal of Nuclear Cardiology</i> , 2017 , 24, 471-481	2.1	11

53	High-Dose versus Low-Dose Vitamin D Supplementation and Arterial Stiffness among Individuals with Prehypertension and Vitamin D Deficiency. <i>Disease Markers</i> , 2015 , 2015, 918968	3.2	11
52	LMKB/MARF1 localizes to mRNA processing bodies, interacts with Ge-1, and regulates IFI44L gene expression. <i>PLoS ONE</i> , 2014 , 9, e94784	3.7	11
51	Prevalence, Awareness, Treatment, and Poor Control of Hypertension Among Young American Adults: Race-Stratified Analysis of the National Health and Nutrition Examination Survey. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1390-1403	6.4	10
50	Costs of Transcatheter Aortic Valve Replacement: Implications of Proposed Medicare Cuts. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 610-612	5	10
49	Neurological effects of proprotein convertase subtilisin/kexin type 9 inhibitors: direct comparisons. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2018 , 4, 132-141	4.6	10
48	Obesity genetics and epigenetics: dissecting causality. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 395-6		10
47	Increased awareness, inadequate treatment, and poor control of cardiovascular risk factors in American young adults: 2005-2016. <i>European Journal of Preventive Cardiology</i> , 2020 , 2047487320905190	3.9	10
46	Cardiovascular Health and Disease Among Asian-Americans (from the National Health and Nutrition Examination Survey). <i>American Journal of Cardiology</i> , 2019 , 124, 270-277	3	9
45	Incidence and Implications of Atrial Fibrillation/Flutter in Hypertension: Insights From the SPRINT Trial. <i>Hypertension</i> , 2020 , 75, 1483-1490	8.5	9
44	Effect of NT-proBNP-Guided Therapy on All-Cause Mortality in Chronic Heart Failure With Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 951-952	15.1	9
43	Futile MITRA-FR and a positive COAPT trial: Where does the evidence leave the clinicians?. <i>IJC Heart and Vasculature</i> , 2019 , 22, 18-19	2.4	9
42	Diagnostic and prognostic implications of heart failure with preserved ejection fraction scoring systems. <i>ESC Heart Failure</i> , 2021 , 8, 2089-2102	3.7	9
41	Galectin-3 and incident cognitive impairment in REGARDS, a cohort of blacks and whites. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018 , 4, 165-172	6	8
40	Unexpectedly Low Natriuretic Peptide Levels in Patients With Heart Failure. <i>JACC: Heart Failure</i> , 2021 , 9, 192-200	7.9	8
39	Association of Genetic West African Ancestry, Blood Pressure Response to Therapy, and Cardiovascular Risk Among Self-Reported Black Individuals in the Systolic Blood Pressure Reduction Intervention Trial (SPRINT). <i>JAMA Cardiology</i> , 2020 ,	16.2	8
38	Geographic Variation in Cardiovascular Health Among American Adults. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1770-1781	6.4	8
37	Race-based demographic, anthropometric and clinical correlates of N-terminal-pro B-type natriuretic peptide. <i>International Journal of Cardiology</i> , 2019 , 286, 145-151	3.2	7
36	Cardiovascular Events and Hospital Deaths Among Patients With Severe Sepsis. <i>American Journal of Cardiology</i> , 2019 , 123, 1406-1413	3	7

35	Long noncoding RNA-microRNA-mRNA: a novel tripartite axis in the regulation of cardiac hypertrophy. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 729-31		7
34	Racial differences in the association of NT-proBNP with risk of incident heart failure in REGARDS. <i>JCI Insight</i> , 2019 , 5,	9.9	7
33	Trends and Geographic Variation in Acute Respiratory Failure and ARDS Mortality in the United States. <i>Chest</i> , 2021 , 159, 1460-1472	5.3	7
32	Incidence and in-hospital outcomes of single-vessel coronary chronic total occlusion treated with percutaneous coronary intervention. <i>International Journal of Cardiology</i> , 2018 , 269, 61-66	3.2	6
31	Comparison of Approaches for Stroke Prophylaxis in Patients with Non-Valvular Atrial Fibrillation: Network Meta-Analyses of Randomized Controlled Trials. <i>PLoS ONE</i> , 2016 , 11, e0163608	3.7	6
30	Glycoprotein IIb/IIIa inhibitors improve mortality after aspiration thrombectomy in patients with ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2015 , 187, 206-7	3.2	5
29	FFR-guided multivessel stenting reduces urgent revascularization compared with infarct-related artery only stenting in ST-elevation myocardial infarction: A meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , 2018 , 252, 63-67	3.2	5
28	Sphingosine-1-phosphate interactions in the spleen and heart reflect extent of cardiac repair in mice and failing human hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H599-H611	5.2	5
27	MicroRNA passenger strand: orchestral symphony of paracrine signaling. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 567-8		4
26	Percutaneous coronary intervention vs. coronary artery bypass grafting for left main revascularization: an updated meta-analysis. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2017 , 3, 173-182	4.6	4
25	Racial Differences in Serial NT-proBNP Levels in Heart Failure Management: Insights From the GUIDE-IT Trial. <i>Circulation</i> , 2020 , 142, 1018-1020	16.7	4
24	Chronobiology of Natriuretic Peptides and Blood Pressure in Lean and Obese Individuals. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2291-2303	15.1	4
23	Insulin Resistance and Cardiometabolic Risk Profile Among Non-Diabetic American Young Adults: Insights From NHANES. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 ,	5.6	4
22	Clinical, Demographic, and Imaging Correlates of Anemia in Heart Failure With Preserved Ejection Fraction (from the RELAX Trial). <i>American Journal of Cardiology</i> , 2020 , 125, 1870-1878	3	3
21	Metabolomics yield a novel biomarker for predicting diabetes mellitus risk in humans. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 95-6		3
20	Effects of Vitamin D Supplementation on Cardiovascular and Glycemic Biomarkers. <i>Journal of the American Heart Association</i> , 2021 , 10, e017727	6	3
19	The Dietary Approaches to Stop Hypertension (DASH) Diet Pattern and Incident Heart Failure. <i>Journal of Cardiac Failure</i> , 2021 , 27, 512-521	3.3	3
18	Geographic Inequalities in Cardiovascular Mortality in the United States: 1999 to 2018. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1218-1228	6.4	3

17	Natriuretic Peptide Deficiency in Obese Individuals: Mechanistic Insights From Healthy Organ Donor Cohort. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 3138-3140	15.1	3
16	Implications of Atrial Fibrillation Among Patients With Atherosclerotic Cardiovascular Disease Undergoing Noncardiac Surgery. <i>American Journal of Cardiology</i> , 2020 , 125, 1836-1844	3	2
15	Soluble Guanylate Cyclase α 1-Deficient Mice: a novel murine model for Primary Open Angle Glaucoma. <i>Annals of Neurosciences</i> , 2013 , 20, 65-6	1.1	2
14	Salt, immune function, and the risk of autoimmune diseases. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 642-3		2
13	Coronary Artery Calcium Score for Personalization of Antihypertensive Therapy: A Pooled Cohort Analysis. <i>Hypertension</i> , 2021 , 77, 1106-1118	8.5	2
12	Obesity and Serial NT-proBNP Levels in Guided Medical Therapy for Heart Failure With Reduced Ejection Fraction: Insights From the GUIDE-IT Trial. <i>Journal of the American Heart Association</i> , 2021 , 10, e018689	6	2
11	Top advances in functional genomics and translational biology for 2013. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 89-92		1
10	Genotype-Guided P2Y Inhibitor Therapy After Percutaneous Coronary Intervention: A Bayesian Analysis. <i>Circulation Genomic and Precision Medicine</i> , 2021 , CIRCGEN121003353	5.2	1
9	N-Terminal Pro-B-Type Natriuretic Peptide and Longitudinal Risk of Hypertension. <i>American Journal of Hypertension</i> , 2021 , 34, 476-483	2.3	1
8	Nocturnal blood pressure dipping in treated hypertensives: insights from the SPRINT trial. <i>European Journal of Preventive Cardiology</i> , 2020 ,	3.9	1
7	Mortality Due to Mitral Regurgitation Among Adults in the United States: 1999-2018. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 2633-2643	6.4	1
6	Relative Predictive Value of Circulating Immune Markers in US Adults Without Cardiovascular Disease: Implications for Risk Reclassification. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1812-1821	6.4	1
5	Genetic European Ancestry and Incident Diabetes in Black Individuals: Insights From the SPRINT Trial.. <i>Circulation Genomic and Precision Medicine</i> , 2022 , CIRCGEN121003468	5.2	0
4	Relation of Abdominal Obesity to Risk of Atrial Fibrillation (From the Reasons for Geographic and Racial Differences in Stroke [REGARDS] Study).. <i>American Journal of Cardiology</i> , 2022 , 162, 116-121	3	0
3	Coronary artery bypass graft surgery outcomes in the United States: Impact of the coronavirus disease 2019 (COVID-19) pandemic. <i>JTCVS Open</i> , 2021 , 6, 132-143	0.2	0
2	Reevaluating the Use of the Nationwide Inpatient Sample to Identify Incident Cases of Atrial Fibrillation After Aortic Valve Replacement-Reply. <i>JAMA Internal Medicine</i> , 2019 , 179, 1598	11.5	
1	Response by Golwala et al to Letter Regarding Article, "Implantable Cardioverter-Defibrillator for Nonischemic Cardiomyopathy: An Updated Meta-Analysis". <i>Circulation</i> , 2017 , 135, e1200-e1202	16.7	