

# David M Kaye

## List of Publications by Year in descending order

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399  
papers

26,918  
citations

4955

84  
h-index

8156

148  
g-index

413  
all docs

413  
docs citations

413  
times ranked

26682  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Fiber Diet and Acetate Supplementation Change the Gut Microbiota and Prevent the Development of Hypertension and Heart Failure in Hypertensive Mice. <i>Circulation</i> , 2017, 135, 964-977.	1.6	695
2	Evaluation of Diffuse Myocardial Fibrosis in Heart Failure With Cardiac Magnetic Resonance Contrast-Enhanced T1 Mapping. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1574-1580.	1.2	671
3	Adverse consequences of high sympathetic nervous activity in the failing human heart. <i>Journal of the American College of Cardiology</i> , 1995, 26, 1257-1263.	1.2	614
4	Controlled Trial of Continuous Positive Airway Pressure in Obstructive Sleep Apnea and Heart Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 169, 361-366.	2.5	564
5	Refractory cardiac arrest treated with mechanical CPR, hypothermia, ECMO and early reperfusion (the Tj ETQq1 1 0.784314 rgBT /Over	1.3	583
6	Air Versus Oxygen in ST-Segmentâ€“Elevation Myocardial Infarction. <i>Circulation</i> , 2015, 131, 2143-2150.	1.6	468
7	Sympathetic Augmentation in Hypertension. <i>Hypertension</i> , 2004, 43, 169-175.	1.3	451
8	Catheter Ablation Versus Medical Rate Control in Atrial Fibrillation and Systolic Dysfunction. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1949-1961.	1.2	428
9	Influence of Pulmonary Capillary Wedge Pressure on Central Apnea in Heart Failure. <i>Circulation</i> , 1999, 99, 1574-1579.	1.6	420
10	Sex differences in heart failure. <i>European Heart Journal</i> , 2019, 40, 3859-3868c.	1.0	406
11	Relation Between Cardiac Sympathetic Activity and Hypertensive Left Ventricular Hypertrophy. <i>Circulation</i> , 2003, 108, 560-565.	1.6	393
12	NKX2-5eGFP/w hESCs for isolation of human cardiac progenitors and cardiomyocytes. <i>Nature Methods</i> , 2011, 8, 1037-1040.	9.0	384
13	Cardiac Sympathetic Nerve Function in Congestive Heart Failure. <i>Circulation</i> , 1996, 93, 1667-1676.	1.6	376
14	High-Density Lipoprotein Modulates Glucose Metabolism in Patients With Type 2 Diabetes Mellitus. <i>Circulation</i> , 2009, 119, 2103-2111.	1.6	363
15	Percutaneous Mitral Annuloplasty for Functional Mitral Regurgitation. <i>Circulation</i> , 2009, 120, 326-333.	1.6	336
16	Nitric Oxide-dependent Parasympathetic Signaling Is Due to Activation of Constitutive Endothelial (Type III) Nitric Oxide Synthase in Cardiac Myocytes. <i>Journal of Biological Chemistry</i> , 1995, 270, 14582-14586.	1.6	331
17	Neural mechanisms in human obesity-related hypertension. <i>Journal of Hypertension</i> , 1999, 17, 1125-1133.	0.3	314
18	Cardiac Complications of Thoracic Irradiation. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2319-2328.	1.2	310

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19	Sex Differences in Cardiovascular Pathophysiology. <i>Circulation</i> , 2018, 138, 198-205.	1.6	302
20	Hemodynamic Basis of Exercise Limitation in Patients With Heart Failure and Normal Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2010, 56, 855-863.	1.2	300
21	Beyond gut feelings: how the gut microbiota regulates blood pressure. <i>Nature Reviews Cardiology</i> , 2018, 15, 20-32.	6.1	287
22	Myocardial Fibrosis Predicts Appropriate Device Therapy in Patients With Implantable Cardioverter-Defibrillators for Primary Prevention of Sudden Cardiac Death. <i>Journal of the American College of Cardiology</i> , 2011, 57, 821-828.	1.2	279
23	Neurochemical evidence of cardiac sympathetic activation and increased central nervous system norepinephrine turnover in severe congestive heart failure. <i>Journal of the American College of Cardiology</i> , 1994, 23, 570-578.	1.2	274
24	Treatment of functional mitral regurgitation by percutaneous annuloplasty: results of the TITAN Trial. <i>European Journal of Heart Failure</i> , 2012, 14, 931-938.	2.9	260
25	Sympathetic activity in major depressive disorder: identifying those at increased cardiac risk?. <i>Journal of Hypertension</i> , 2007, 25, 2117-2124.	0.3	259
26	Alcohol Abstinence in Drinkers with Atrial Fibrillation. <i>New England Journal of Medicine</i> , 2020, 382, 20-28.	13.9	254
27	Post Cardiac Arrest Syndrome. <i>Circulation</i> , 2011, 123, 1428-1435.	1.6	245
28	Sympathetic nervous system and insulin resistance: from obesity to diabetes. <i>American Journal of Hypertension</i> , 2001, 14, S304-S309.	1.0	241
29	Heart Failure With Normal Left Ventricular Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2009, 53, 905-918.	1.2	241
30	A transcatheter intracardiac shunt device for heart failure with preserved ejection fraction (REDUCE) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5	6.3	238
31	Implications of Underlying Mechanisms for the Recognition and Management of Diabetic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2018, 71, 339-351.	1.2	235
32	Myocardial Ischemia-Reperfusion Injury, Antioxidant Enzyme Systems, and Selenium: A Review. <i>Current Medicinal Chemistry</i> , 2007, 14, 1539-1549.	1.2	234
33	Interactions Between Leptin and the Human Sympathetic Nervous System. <i>Hypertension</i> , 2003, 41, 1072-1079.	1.3	223
34	Adrenergic Nervous System in Heart Failure. <i>American Journal of Cardiology</i> , 1997, 80, 7L-14L.	0.7	209
35	Effects of intravenous brain natriuretic peptide on regional sympathetic activity in patients with chronic heart failure as compared with healthy control subjects. <i>Journal of the American College of Cardiology</i> , 2001, 37, 1221-1227.	1.2	206
36	Transcatheter Interatrial Shunt Device for the Treatment of Heart Failure With Preserved Ejection Fraction (REDUCE LAP-HF I [Reduce Elevated Left Atrial Pressure in Patients With Heart Failure]). <i>Circulation</i> , 2018, 137, 364-375.	1.6	206

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37	The Effect of Selective Intestinal Decontamination on the Hyperdynamic Circulatory State in Cirrhosis. <i>Annals of Internal Medicine</i> , 2003, 139, 186.	2.0	197
38	Histological validation of cardiac magnetic resonance analysis of regional and diffuse interstitial myocardial fibrosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 14-22.	0.5	195
39	Sympathetic Nervous System Activation in Essential Hypertension, Cardiac Failure and Psychosomatic Heart Disease. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 35, S1-S7.	0.8	193
40	Cardiogenic Genes Expressed in Cardiac Fibroblasts Contribute to Heart Development and Repair. <i>Circulation Research</i> , 2014, 114, 1422-1434.	2.0	188
41	Elevated Brain Serotonin Turnover in Patients With Depression. <i>Archives of General Psychiatry</i> , 2008, 65, 38.	13.8	185
42	Deficiency of Prebiotic Fiber and Insufficient Signaling Through Gut Metabolite-Sensing Receptors Leads to Cardiovascular Disease. <i>Circulation</i> , 2020, 141, 1393-1403.	1.6	176
43	Microemboli and Microvascular Obstruction in Acute Coronary Thrombosis and Sudden Coronary Death. <i>Journal of the American College of Cardiology</i> , 2009, 54, 2167-2173.	1.2	158
44	The transcardiac gradient of cardiovascular microRNAs in the failing heart. <i>European Journal of Heart Failure</i> , 2016, 18, 1000-1008.	2.9	151
45	Effects of Aging on the Responsiveness of the Human Cardiac Sympathetic Nerves to Stressors. <i>Circulation</i> , 1995, 91, 351-358.	1.6	151
46	Adverse Effects of Cigarette Smoke on NO Bioavailability. <i>Hypertension</i> , 2006, 48, 278-285.	1.3	149
47	The Effect of Successful Heart Transplant Treatment of Heart Failure on Central Sleep Apnea *. <i>Chest</i> , 2003, 124, 1675-1681.	0.4	145
48	Raised Sympathetic Nerve Activity in Heart Failure and Central Sleep Apnea Is Due to Heart Failure Severity. <i>Circulation</i> , 2003, 107, 1396-1400.	1.6	143
49	Hospital characteristics are associated with patient outcomes following out-of-hospital cardiac arrest. <i>Heart</i> , 2011, 97, 1489-1494.	1.2	141
50	Noninvasive Assessment of Pulmonary Vascular Resistance by Doppler Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 1170-1177.	1.2	141
51	Feasibility and Short-Term Efficacy of Percutaneous Mitral Annular Reduction for the Therapy of Heart Failure-Induced Mitral Regurgitation. <i>Circulation</i> , 2003, 108, 1795-1797.	1.6	138
52	β-Adrenoceptor genotype influences the response to carvedilol in patients with congestive heart failure. <i>Pharmacogenetics and Genomics</i> , 2003, 13, 379-382.	5.7	137
53	Percutaneous Cardiac Recirculation-Mediated Gene Transfer of an Inhibitory Phospholamban Peptide Reverses Advanced Heart Failure in Large Animals. <i>Journal of the American College of Cardiology</i> , 2007, 50, 253-260.	1.2	136
54	Advanced Glycation End Products Are Direct Modulators of β2-Cell Function. <i>Diabetes</i> , 2011, 60, 2523-2532.	0.3	135

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55	Myocardial and Systemic Iron Depletion in Heart Failure. <i>Journal of the American College of Cardiology</i> , 2011, 58, 474-480.	1.2	135
56	CHRONIC MENTAL STRESS IS A CAUSE OF ESSENTIAL HYPERTENSION: PRESENCE OF BIOLOGICAL MARKERS OF STRESS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 498-502.	0.9	134
57	Diffuse Ventricular Fibrosis in Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2012, 60, 2402-2408.	1.2	131
58	Atrial Electrical and Structural Changes Associated with Longstanding Hypertension in Humans: Implications for the Substrate for Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 1317-1324.	0.8	129
59	One-Year Safety and Clinical Outcomes of a Transcatheter Interatrial Shunt Device for the Treatment of Heart Failure With Preserved Ejection Fraction in the Reduce Elevated Left Atrial Pressure in Patients With Heart Failure (REDUCE LAP-HF I) Trial. <i>JAMA Cardiology</i> , 2018, 3, 968.	3.0	121
60	Impaired L-Arginine Transport and Endothelial Function in Hypertensive and Genetically Predisposed Normotensive Subjects. <i>Circulation</i> , 2004, 110, 3680-3686.	1.6	120
61	Diffuse myocardial fibrosis in hypertrophic cardiomyopathy can be identified by cardiovascular magnetic resonance, and is associated with left ventricular diastolic dysfunction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 70.	1.6	120
62	Sympathetic Nerve Biology In Essential Hypertension. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001, 28, 986-989.	0.9	119
63	Acute Effects of Continuous Positive Airway Pressure on Cardiac Sympathetic Tone in Congestive Heart Failure. <i>Circulation</i> , 2001, 103, 2336-2338.	1.6	116
64	One-Year Outcomes After Transcatheter Insertion of an Interatrial Shunt Device for the Management of Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2016, 9, .	1.6	113
65	Atrial shunt device for heart failure with preserved and mildly reduced ejection fraction (REDUCE) Tj ETQq1 1 0.784314 rgBT /Oyerloc 112	0.3	112
66	Reduced Myocardial Nerve Growth Factor Expression in Human and Experimental Heart Failure. <i>Circulation Research</i> , 2000, 86, E80-4.	2.0	111
67	Effects of an Interatrial Shunt on Rest and Exercise Hemodynamics: Results of a Computer Simulation in Heart Failure. <i>Journal of Cardiac Failure</i> , 2014, 20, 212-221.	0.7	111
68	Impaired left atrial strain predicts abnormal exercise haemodynamics in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2019, 21, 495-505.	2.9	108
69	Transcatheter treatment of heart failure with preserved or mildly reduced ejection fraction using a novel interatrial implant to lower left atrial pressure. <i>European Journal of Heart Failure</i> , 2014, 16, 796-801.	2.9	106
70	The REDUCE FMR Trial. <i>JACC: Heart Failure</i> , 2019, 7, 945-955.	1.9	106
71	Drug discovery for heart failure: a new era or the end of the pipeline?. <i>Nature Reviews Drug Discovery</i> , 2007, 6, 127-139.	21.5	104
72	Small-molecule-biased formyl peptide receptor agonist compound 17b protects against myocardial ischaemia-reperfusion injury in mice. <i>Nature Communications</i> , 2017, 8, 14232.	5.8	104

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73	Leptin Is Released from the Human Brain: Influence of Adiposity and Gender <sup>1</sup> . <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 2270-2274.	1.8	101
74	Impact of Sleep Apnea on Sympathetic Nervous System Activity in Heart Failure. <i>Chest</i> , 2003, 123, 1119-1126.	0.4	101
75	Evidence for Increased Atrial Sympathetic Innervation in Persistent Human Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2006, 29, 821-829.	0.5	100
76	Sympathetic neuronal regulation of the heart in aging and heart failure. <i>Cardiovascular Research</i> , 2005, 66, 256-264.	1.8	96
77	The influence of aging on the human sympathetic nervous system and brain norepinephrine turnover. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R909-R916.	0.9	95
78	Bone Marrow-Derived Cells Contribute to Fibrosis in the Chronically Failing Heart. <i>American Journal of Pathology</i> , 2010, 176, 1735-1742.	1.9	94
79	Increased Suicide Rate in the Middle-Aged and Its Association With Hours of Sunlight. <i>American Journal of Psychiatry</i> , 2003, 160, 793-795.	4.0	93
80	Tricuspid Regurgitation Contributes to Renal Dysfunction in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2008, 14, 824-830.	0.7	92
81	Regional Sympathetic Nervous Activation after a Large Meal in Humans. <i>Clinical Science</i> , 1995, 89, 145-154.	1.8	91
82	Phenotypic Evidence of Faulty Neuronal Norepinephrine Reuptake in Essential Hypertension. <i>Hypertension</i> , 2000, 36, 824-829.	1.3	88
83	Diffuse Myocardial Fibrosis Evaluated by Post-Contrast T1 Mapping Correlates With Left Ventricular Stiffness. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1112-1118.	1.2	88
84	Measurement of sympathetic nervous system activity in heart failure: the role of norepinephrine kinetics. <i>Heart Failure Reviews</i> , 2000, 5, 17-25.	1.7	87
85	Characterising risk of in-hospital mortality following cardiac arrest using machine learning: A retrospective international registry study. <i>PLoS Medicine</i> , 2018, 15, e1002709.	3.9	85
86	Region-Specific Neuropeptide Y Overflows at Rest and During Sympathetic Activation in Humans. <i>Hypertension</i> , 1997, 29, 137-143.	1.3	85
87	Human Sympathetic Nerve Biology. <i>Annals of the New York Academy of Sciences</i> , 2008, 1148, 338-348.	1.8	84
88	A Prospective, Multicenter Trial of the VentrAssist Left Ventricular Assist Device for Bridge to Transplant: Safety and Efficacy. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 579-588.	0.3	83
89	Influence of atrial fibrillation on microRNA expression profiles in left and right atria from patients with valvular heart disease. <i>Physiological Genomics</i> , 2012, 44, 211-219.	1.0	83
90	Effect of Nitrous Oxide Anesthesia on Plasma Homocysteine and Endothelial Function. <i>Anesthesiology</i> , 2008, 109, 657-663.	1.3	83

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91	Sex Differences in Heart Failure With Preserved Ejection Fraction Pathophysiology. <i>JACC: Heart Failure</i> , 2019, 7, 239-249.	1.9	82
92	Effect of Iron Chelation on Myocardial Infarct Size and Oxidative Stress in ST-Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2012, 5, 270-278.	1.4	81
93	Advanced glycation end-products induce vascular dysfunction via resistance to nitric oxide and suppression of endothelial nitric oxide synthase. <i>Journal of Hypertension</i> , 2010, 28, 780-788.	0.3	80
94	Relation between QT interval variability and cardiac sympathetic activity in hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1412-H1417.	1.5	80
95	Autonomic Control of the Aging Heart. <i>NeuroMolecular Medicine</i> , 2008, 10, 179-186.	1.8	77
96	A comprehensive evaluation of myocardial fibrosis in hypertrophic cardiomyopathy with cardiac magnetic resonance imaging: linking genotype with fibrotic phenotype. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1108-1116.	0.5	77
97	Antioxidant actions contribute to the antihypertrophic effects of atrial natriuretic peptide in neonatal rat cardiomyocytes. <i>Cardiovascular Research</i> , 2006, 72, 112-123.	1.8	75
98	Frequency-Dependent Activation of a Constitutive Nitric Oxide Synthase and Regulation of Contractile Function in Adult Rat Ventricular Myocytes. <i>Circulation Research</i> , 1996, 78, 217-224.	2.0	75
99	Simultaneous determination of arginine and seven metabolites in plasma by reversed-phase liquid chromatography with a time-controlled ortho-phthaldialdehyde precolumn derivatization. <i>Analytical Biochemistry</i> , 2004, 326, 87-92.	1.1	74
100	Identification of a Novel Polymorphism in the 3' UTR of the Arginine Transporter Gene SLC7A1. <i>Circulation</i> , 2007, 115, 1269-1274.	1.6	74
101	The neuronal noradrenaline transporter, anxiety and cardiovascular disease. <i>Journal of Psychopharmacology</i> , 2006, 20, 60-66.	2.0	73
102	$\beta$ -blockers, angiotensin II, and ACE inhibitors in patients with heart failure. <i>Lancet</i> , 2001, 358, 1609-1610.	6.3	72
103	Atrial Electrical and Structural Remodeling Associated with Longstanding Pulmonary Hypertension and Right Ventricular Hypertrophy in Humans. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 614-620.	0.8	72
104	Atrial Fibrillation and Heart Failure – Cause or Effect?. <i>Heart Lung and Circulation</i> , 2017, 26, 967-974.	0.2	72
105	Increased sympathetic nervous system activity and its therapeutic reduction in arterial hypertension, portal hypertension and heart failure. <i>Journal of the Autonomic Nervous System</i> , 1998, 72, 210-219.	1.9	70
106	Specific Serotonin Reuptake Inhibition in Major Depressive Disorder Adversely Affects Novel Markers of Cardiac Risk. <i>Hypertension Research</i> , 2007, 30, 285-293.	1.5	70
107	Increased Central Nervous System Monoamine Neurotransmitter Turnover and Its Association With Sympathetic Nervous Activity in Treated Heart Failure Patients. <i>Circulation</i> , 1995, 92, 1813-1818.	1.6	70
108	The sympathetic neurobiology of essential hypertension: disparate influences of obesity, stress, and noradrenaline transporter dysfunction?. <i>American Journal of Hypertension</i> , 2001, 14, S139-S146.	1.0	69

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109	Effects of Interatrial Shunt on Pulmonary Vascular Function in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2539-2550.	1.2	69
110	Complex interaction of obesity, intentional weight loss and heart failure: a systematic review and meta-analysis. <i>Heart</i> , 2020, 106, 58-68.	1.2	69
111	The "adrenaline hypothesis" of hypertension revisited. <i>Journal of Hypertension</i> , 2000, 18, 717-723.	0.3	67
112	Percutaneous Mitral Annular Reduction Provides Continued Benefit in an Ovine Model of Dilated Cardiomyopathy. <i>Circulation</i> , 2004, 110, 3088-3092.	1.6	67
113	Leptin in human plasma is derived in part from the brain, and cleared by the kidneys. <i>Lancet</i> , 1998, 351, 879.	6.3	65
114	Usefulness of Cooling and Coronary Catheterization to Improve Survival in Out-of-Hospital Cardiac Arrest. <i>American Journal of Cardiology</i> , 2011, 107, 522-527.	0.7	65
115	Dietary supplementation with L-arginine fails to restore endothelial function in forearm resistance arteries of patients with severe heart failure. <i>Journal of the American College of Cardiology</i> , 1996, 27, 1207-1213.	1.2	64
116	Hemodynamic Determinants of Myocardial B-Type Natriuretic Peptide Release. <i>Hypertension</i> , 2010, 56, 682-689.	1.3	64
117	Evidence for functional presynaptic alpha-2 adrenoceptors and their down-regulation in human heart failure. <i>Journal of the American College of Cardiology</i> , 2001, 37, 1246-1251.	1.2	63
118	In Vivo and In Vitro Evidence for Impaired Arginine Transport in Human Heart Failure. <i>Circulation</i> , 2000, 102, 2707-2712.	1.6	62
119	Changes in Right Ventricular Function During Continuous-low Left Ventricular Assist Device Support. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 360-366.	0.3	62
120	Exercise training increases arterial compliance in patients with congestive heart failure. <i>Clinical Science</i> , 2002, 102, 1-7.	1.8	61
121	Mechanistic insights into the link between a polymorphism of the 3'UTR of the <i>SLC7A1</i> gene and hypertension. <i>Human Mutation</i> , 2009, 30, 328-333.	1.1	61
122	Inhibition of the Norepinephrine Transporter by the Venom Peptide Î±-MrIA. <i>Journal of Biological Chemistry</i> , 2003, 278, 40317-40323.	1.6	60
123	Sleep Apnea in Heart Failure Increases Heart Rate Variability and Sympathetic Dominance. <i>Sleep</i> , 2007, 30, 1509-1514.	0.6	60
124	Long-term survival of adults with cardiogenic shock after venoarterial extracorporeal membrane oxygenation. <i>Journal of Critical Care</i> , 2015, 30, 949-956.	1.0	60
125	Differential Effect of Acute Baroreceptor Unloading on Cardiac and Systemic Sympathetic Tone in Congestive Heart Failure. <i>Journal of the American College of Cardiology</i> , 1998, 31, 583-587.	1.2	59
126	Diagnostic performance of multisequential cardiac magnetic resonance imaging in acute cardiac allograft rejection. <i>European Journal of Heart Failure</i> , 2010, 12, 45-51.	2.9	59



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127	Irregular Rhythm Adversely Influences Calcium Handling in Ventricular Myocardium. <i>Circulation: Heart Failure</i> , 2012, 5, 786-793.	1.6	59
128	The Gut Microbiome of Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2021, 10, e020654.	1.6	59
129	Extra-adipocyte leptin release in human obesity and its relation to sympathoadrenal function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E744-E752.	1.8	58
130	CXCR4 Antagonism Attenuates the Cardiorenal Consequences of Mineralocorticoid Excess. <i>Circulation: Heart Failure</i> , 2011, 4, 651-658.	1.6	57
131	Cardiac Sympathetic Nerve Biology and Brain Monoamine Turnover in Panic Disorder. <i>Annals of the New York Academy of Sciences</i> , 2004, 1018, 505-514.	1.8	56
132	A randomized controlled trial of oxygen therapy in acute myocardial infarction Air Verses Oxygen In myocarDial infarction study (AVOID Study). <i>American Heart Journal</i> , 2012, 163, 339-345.e1.	1.2	56
133	Diffuse Ventricular Fibrosis Is a Late Outcome of Tachycardia-Mediated Cardiomyopathy After Successful Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 697-704.	2.1	56
134	Diffuse Ventricular Fibrosis on Cardiac Magnetic Resonance Imaging Associates With Ventricular Tachycardia in Patients With Hypertrophic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 571-580.	0.8	56
135	Iron deficiency in heart failure with preserved ejection fraction: a systematic review and meta-analysis. <i>Open Heart</i> , 2019, 6, e001012.	0.9	56
136	Role of AT1 and AT2 receptors in regulation of MAPKs and MKP-1 by ANG II in adult cardiac myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H906-H916.	1.5	54
137	Latent Pulmonary Vascular Disease May Alter the Response to Therapeutic Atrial Shunt Device in Heart Failure. <i>Circulation</i> , 2022, 145, 1592-1604.	1.6	54
138	Single-unit muscle sympathetic nervous activity and its relation to cardiac noradrenaline spillover. <i>Journal of Physiology</i> , 2011, 589, 2597-2605.	1.3	53
139	Reperfusion-induced myocardial dysfunction is prevented by endogenous annexin A1 and its N-terminal derived peptide ANXA1 <sub>26-7</sub> . <i>British Journal of Pharmacology</i> , 2013, 168, 238-252.		53
140	Norepinephrine Turnover Is Increased in Suprabulbar Subcortical Brain Regions and Is Related to Whole-Body Sympathetic Activity in Human Heart Failure. <i>Circulation</i> , 2002, 105, 1031-1033.	1.6	52
141	Effects of Healthy Aging on the Cardiopulmonary Hemodynamic Response to Exercise. <i>American Journal of Cardiology</i> , 2014, 114, 131-135.	0.7	52
142	Augmentation of left ventricular mechanics by recirculation-mediated AAV2/1-mediated SERCA2a gene delivery in experimental heart failure. <i>European Journal of Heart Failure</i> , 2011, 13, 247-253.	2.9	51
143	Sinus rhythm restores ventricular function in patients with cardiomyopathy and no late gadolinium enhancement on cardiac magnetic resonance imaging who undergo catheter ablation for atrial fibrillation. <i>Heart Rhythm</i> , 2013, 10, 1334-1339.	0.3	51
144	Transcatheter Interatrial Shunt Device for the Treatment of Heart Failure. <i>Circulation: Heart Failure</i> , 2016, 9, .	1.6	51

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145	Improved outcomes from a comprehensive management system for heart failure. <i>European Journal of Heart Failure</i> , 2001, 3, 619-625.	2.9	50
146	Endogenous cardiac opioids: Enkephalins in adaptation and protection of the heart. <i>Heart Lung and Circulation</i> , 2003, 12, 178-187.	0.2	50
147	Acute kidney injury following peripheral angiography and endovascular therapy: A systematic review of the literature. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 88, 264-273.	0.7	50
148	Increased brain serotonin turnover in panic disorder patients in the absence of a panic attack: Reduction by a selective serotonin reuptake inhibitor. <i>Stress</i> , 2007, 10, 295-304.	0.8	48
149	Beyond pharmacological treatment: an insight into therapies that target specific aspects of heart failure pathophysiology. <i>Lancet, The</i> , 2019, 393, 1045-1055.	6.3	48
150	Impaired Myocardial Oxygen Availability Contributes to Abnormal Exercise Hemodynamics in Heart Failure With Preserved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2014, 3, e001293.	1.6	47
151	Feasibility and short-term efficacy of percutaneous mitral annular reduction for the therapy of functional mitral regurgitation in patients with heart failure. <i>Catheterization and Cardiovascular Interventions</i> , 2006, 68, 205-210.	0.7	46
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