

Sumanth D Prabhu

List of Publications by Year in Descending Order

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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.

143
papers

8,389
citations

50
h-index

89
g-index

157
ext. papers

9,920
ext. citations

7
avg, IF

6.36
L-index

#	Paper	IF	Citations
143	Complete heart block without ventricular escape secondary to hyperkalemia induced by herbal tea.. <i>HeartRhythm Case Reports</i> , 2022 , 8, 45-49	1	0
142	Augmented Cardiac Growth Hormone Signaling Contributes to Cardiomyopathy Following Genetic Disruption of the Cardiomyocyte Circadian Clock.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 836725	5.6	1
141	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
140	Echocardiographic diagnosis of left ventricular diastolic dysfunction: Impact of coronary artery disease. <i>Echocardiography</i> , 2021 , 38, 197-206	1.5	1
139	Perimyocarditis following first dose of the mRNA-1273 SARS-CoV-2 (Moderna) vaccine in a healthy young male: a case report. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 375	2.3	10
138	Branched chain amino acids selectively promote cardiac growth at the end of the awake period. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 157, 31-44	5.8	6
137	Cardiac pathology in COVID-19: a single center autopsy experience. <i>Cardiovascular Pathology</i> , 2021 , 54, 107370	3.8	3
136	Sleep duration, baseline cardiovascular risk, inflammation and incident cardiovascular mortality in ambulatory U.S. Adults: National health and nutrition examination survey. <i>American Journal of Preventive Cardiology</i> , 2021 , 8, 100246	1.9	1
135	The Apolipoprotein A-I Mimetic L-4F Attenuates Monocyte Activation and Adverse Cardiac Remodeling after Myocardial Infarction. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
134	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
133	Leucocyte count predicts cardiovascular risk in heart failure with preserved ejection fraction: insights from TOPCAT Americas. <i>ESC Heart Failure</i> , 2020 , 7, 1676-1687	3.7	5
132	Cardiac Function and Sudden Cardiac Death in Heart Failure With Preserved Ejection Fraction (from the TOPCAT Trial). <i>American Journal of Cardiology</i> , 2020 , 129, 46-52	3	4
131	Effect of immunomodulation on cardiac remodelling and outcomes in heart failure: a quantitative synthesis of the literature. <i>ESC Heart Failure</i> , 2020 , 7, 1319-1330	3.7	6
130	Anemia, Mortality, and Hospitalizations in Heart Failure With a Preserved Ejection Fraction (from the TOPCAT Trial). <i>American Journal of Cardiology</i> , 2020 , 125, 1347-1354	3	8
129	Chronobiological Influence Over Cardiovascular Function: The Good, the Bad, and the Ugly. <i>Circulation Research</i> , 2020 , 126, 258-279	15.7	37
128	Reappraising the role of inflammation in heart failure. <i>Nature Reviews Cardiology</i> , 2020 , 17, 269-285	14.8	138
127	MitoQ regulates redox-related noncoding RNAs to preserve mitochondrial network integrity in pressure-overload heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H682-H695	5.2	19

126	Coronary Microvascular Dysfunction, Left Ventricular Remodeling, and Clinical Outcomes in Patients With Chronic Kidney Impairment. <i>Circulation</i> , 2020 , 141, 21-33	16.7	25
125	Impact of medical therapy for cardiovascular disease on left ventricular diastolic properties and remodeling. <i>IJC Heart and Vasculature</i> , 2019 , 23, 100365	2.4	2
124	Response by Bansal et al to Letter Regarding Article, "Dysfunctional and Proinflammatory Regulatory T-Lymphocytes Are Essential for Adverse Cardiac Remodeling in Ischemic Cardiomyopathy". <i>Circulation</i> , 2019 , 139, e1035-e1036	16.7	0
123	Role of left ventricle deformation analysis in stress echocardiography for significant coronary artery disease detection: A diagnostic study meta-analysis. <i>Echocardiography</i> , 2019 , 36, 1084-1094	1.5	2
122	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
121	HDAC inhibition induces autophagy and mitochondrial biogenesis to maintain mitochondrial homeostasis during cardiac ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 130, 36-48	5.8	33
120	Cardiovascular Events and Hospital Deaths Among Patients With Severe Sepsis. <i>American Journal of Cardiology</i> , 2019 , 123, 1406-1413	3	7
119	Optimized protocols for isolation, fixation, and flow cytometric characterization of leukocytes in ischemic hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H658-H666	5.2	5
118	Race, Natriuretic Peptides, and High-Carbohydrate Challenge: A Clinical Trial. <i>Circulation Research</i> , 2019 , 125, 957-968	15.7	21
117	Risk of Major Adverse Cardiovascular Events and Major Hemorrhage Among White and Black Patients Undergoing Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , 2019 , 8, e012874	6	11
116	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
115	Circulating myocardial microRNAs from infarcted hearts are carried in exosomes and mobilise bone marrow progenitor cells. <i>Nature Communications</i> , 2019 , 10, 959	17.4	101
114	Effects of Crushed Ticagrelor Versus Eptifibatide Bolus Plus Clopidogrel in Troponin-Negative Acute Coronary Syndrome Patients Undergoing Percutaneous Coronary Intervention: A Randomized Clinical Trial. <i>Journal of the American Heart Association</i> , 2019 , 8, e012844	6	4
113	Evaluation of flow-modulation approaches in ventricular assist devices using an in-vitro endothelial cell culture model. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 456-465	5.8	9
112	Dysfunctional and Proinflammatory Regulatory T-Lymphocytes Are Essential for Adverse Cardiac Remodeling in Ischemic Cardiomyopathy. <i>Circulation</i> , 2019 , 139, 206-221	16.7	95
111	Mitoquinone ameliorates pressure overload-induced cardiac fibrosis and left ventricular dysfunction in mice. <i>Redox Biology</i> , 2019 , 21, 101100	11.3	45
110	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
109	CCR2 Monocyte-Derived Infiltrating Macrophages Are Required for Adverse Cardiac Remodeling During Pressure Overload. <i>JACC Basic To Translational Science</i> , 2018 , 3, 230-244	8.7	106

108	Genetic deletion of 12/15 lipoxygenase promotes effective resolution of inflammation following myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 118, 70-80	5.8	29
107	Refractory Hypertension Is not Attributable to Intravascular Fluid Retention as Determined by Intracardiac Volumes. <i>Hypertension</i> , 2018 , 72, 343-349	8.5	19
106	THE CARDIOSPLENIC AXIS IS ESSENTIAL FOR THE PATHOGENESIS OF ISCHEMIC HEART FAILURE. <i>Transactions of the American Clinical and Climatological Association</i> , 2018 , 129, 202-214	0.9	5
105	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
104	The stress kinase JNK regulates gap junction Cx43 gene expression and promotes atrial fibrillation in the aged heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 114, 105-115	5.8	33
103	Leukocyte iNOS is required for inflammation and pathological remodeling in ischemic heart failure. <i>Basic Research in Cardiology</i> , 2017 , 112, 19	11.8	46
102	Activated T Lymphocytes are Essential Drivers of Pathological Remodeling in Ischemic Heart Failure. <i>Circulation: Heart Failure</i> , 2017 , 10, e003688	7.6	124
101	Continuous-Flow Left Ventricular Assist Device Support Improves Myocardial Supply:Demand in Chronic Heart Failure. <i>Annals of Biomedical Engineering</i> , 2017 , 45, 1475-1486	4.7	11
100	Interaction of 12/15-lipoxygenase with fatty acids alters the leukocyte kinetics leading to improved postmyocardial infarction healing. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H89-H102	5.2	29
99	Ticagrelor and Eptifibatide Bolus Versus Ticagrelor and Eptifibatide Bolus With 2-Hour Infusion in High-Risk Acute Coronary Syndromes Patients Undergoing Early Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	7
98	Cardiomyocyte Ogt limits ventricular dysfunction in mice following pressure overload without affecting hypertrophy. <i>Basic Research in Cardiology</i> , 2017 , 112, 23	11.8	24
97	Cardiac inflammation in genetic dilated cardiomyopathy caused by MYBPC3 mutation. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 102, 83-93	5.8	36
96	Overcoming the Roadblocks to Cardiac Cell Therapy Using Tissue Engineering. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 766-775	15.1	67
95	Lack of evidence of lower 30-day all-cause readmission in Medicare beneficiaries with heart failure and reduced ejection fraction discharged on spironolactone. <i>International Journal of Cardiology</i> , 2017 , 227, 462-466	3.2	13
94	Myocardial ischemia/reperfusion impairs neurogenesis and hippocampal-dependent learning and memory. <i>Brain, Behavior, and Immunity</i> , 2017 , 61, 266-273	16.6	20
93	Mononuclear Phagocytes Are Dispensable for Cardiac Remodeling in Established Pressure-Overload Heart Failure. <i>PLoS ONE</i> , 2017 , 12, e0170781	3.7	34
92	Renin-Angiotensin System Inhibition and Lower 30-Day All-Cause Readmission in Medicare Beneficiaries with Heart Failure. <i>American Journal of Medicine</i> , 2016 , 129, 1067-73	2.4	34
91	The Biological Basis for Cardiac Repair After Myocardial Infarction: From Inflammation to Fibrosis. <i>Circulation Research</i> , 2016 , 119, 91-112	15.7	851

90	Effect of Left Ventricular Systolic Dysfunction on Response to Warfarin. <i>American Journal of Cardiology</i> , 2016 , 118, 232-6	3	3
89	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
88	Altered myocardial metabolic adaptation to increased fatty acid availability in cardiomyocyte-specific CLOCK mutant mice. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016 , 1861, 1579-95	5	18
87	Heme oxygenase-1 regulates mitochondrial quality control in the heart. <i>JCI Insight</i> , 2016 , 1, e85817	9.9	91
86	Aging dysregulates D- and E-series resolvins to modulate cardiosplenic and cardiorenal network following myocardial infarction. <i>Aging</i> , 2016 , 8, 2611-2634	5.6	61
85	TNF receptor signaling inhibits cardiomyogenic differentiation of cardiac stem cells and promotes a neuroadrenergic-like fate. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H1189-H1201	5.2	9
84	Characteristics and outcomes of patients with advanced chronic systolic heart failure receiving care at the Veterans Affairs versus other hospitals: insights from the Beta-blocker Evaluation of Survival Trial (BEST). <i>Circulation: Heart Failure</i> , 2015 , 8, 17-24	7.6	8
83	Genetic Deficiency of Glutathione S-Transferase P Increases Myocardial Sensitivity to Ischemia-Reperfusion Injury. <i>Circulation Research</i> , 2015 , 117, 437-49	15.7	29
82	Glutathione S-transferase P protects against cyclophosphamide-induced cardiotoxicity in mice. <i>Toxicology and Applied Pharmacology</i> , 2015 , 285, 136-48	4.6	30
81	Reply: Upgrade ambulatory extra-aortic counterpulsation to full-support LVAD. <i>JACC: Heart Failure</i> , 2015 , 3, 343-4	7.9	2
80	Resolvin D1 activates the inflammation resolving response at splenic and ventricular site following myocardial infarction leading to improved ventricular function. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 84, 24-35	5.8	150
79	Residential Proximity to Major Roadways Is Associated With Increased Levels of AC133+ Circulating Angiogenic Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 2468-77	9.4	29
78	O-GlcNAcylation Negatively Regulates Cardiomyogenic Fate in Adult Mouse Cardiac Mesenchymal Stromal Cells. <i>PLoS ONE</i> , 2015 , 10, e0142939	3.7	4
77	Beta-blocker Use and 30-day All-cause Readmission in Medicare Beneficiaries with Systolic Heart Failure. <i>American Journal of Medicine</i> , 2015 , 128, 715-21	2.4	28
76	Pretransplant coagulopathy and in-hospital outcomes among heart transplant recipients: a propensity-matched nationwide inpatient sample study. <i>Clinical Cardiology</i> , 2015 , 38, 300-8	3.3	6
75	Cardiomyocyte-specific Bmal1 deletion in mice triggers diastolic dysfunction, extracellular matrix response, and impaired resolution of inflammation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H1827-36	5.2	50
74	Complement component 3 is necessary to preserve myocardium and myocardial function in chronic myocardial infarction. <i>Stem Cells</i> , 2014 , 32, 2502-15	5.8	26
73	Remodeling of the mononuclear phagocyte network underlies chronic inflammation and disease progression in heart failure: critical importance of the cardiosplenic axis. <i>Circulation Research</i> , 2014 , 114, 266-82	15.7	212

72	Metabolomic analysis of pressure-overloaded and infarcted mouse hearts. <i>Circulation: Heart Failure</i> , 2014 , 7, 634-42	7.6	130
71	Impact of atrial fibrillation and heart failure, independent of each other and in combination, on mortality in community-dwelling older adults. <i>American Journal of Cardiology</i> , 2014 , 114, 909-13	3	23
70	Ambulatory extra-aortic counterpulsation in patients with moderate to severe chronic heart failure. <i>JACC: Heart Failure</i> , 2014 , 2, 526-33	7.9	17
69	Spironolactone use and higher hospital readmission for Medicare beneficiaries with heart failure, left ventricular ejection fraction . <i>American Journal of Cardiology</i> , 2014 , 114, 79-82	3	19
68	Digoxin and 30-day all-cause hospital admission in older patients with chronic diastolic heart failure. <i>American Journal of Medicine</i> , 2014 , 127, 132-9	2.4	17
67	Inhibiting Na ⁺ /K ⁺ ATPase can impair mitochondrial energetics and induce abnormal Ca ²⁺ cycling and automaticity in guinea pig cardiomyocytes. <i>PLoS ONE</i> , 2014 , 9, e93928	3.7	29
66	Inflammation revisited: inflammation versus resolution of inflammation following myocardial infarction. <i>Basic Research in Cardiology</i> , 2014 , 109, 444	11.8	120
65	Acrolein exposure is associated with increased cardiovascular disease risk. <i>Journal of the American Heart Association</i> , 2014 , 3,	6	109
64	Bovine model of chronic ischemic cardiomyopathy: implications for ventricular assist device research. <i>Artificial Organs</i> , 2013 , 37, E202-14	2.6	15
63	HS protects against pressure overload-induced heart failure via upregulation of endothelial nitric oxide synthase. <i>Circulation</i> , 2013 , 127, 1116-27	16.7	244
62	Heme oxygenase-1 expression protects the heart from acute injury caused by inducible Cre recombinase. <i>Laboratory Investigation</i> , 2013 , 93, 868-79	5.9	25
61	Protein O-GlcNAcylation is a novel cytoprotective signal in cardiac stem cells. <i>Stem Cells</i> , 2013 , 31, 765-75.8	5.8	47
60	Angiotensin II plays a critical role in alcohol-induced cardiac nitrative damage, cell death, remodeling, and cardiomyopathy in a protein kinase C/nicotinamide adenine dinucleotide phosphate oxidase-dependent manner. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1477-86	15.1	72
59	Mechanism of myocardial ischemia with an anomalous left coronary artery from the right sinus of Valsalva. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, 402-8	1.5	26
58	Direct measurement of blood flow in microvessels grown in Matrigel in vivo. <i>Journal of Surgical Research</i> , 2012 , 172, e55-60	2.5	1
57	Statistical Analysis of Repeated MicroRNA High-Throughput Data with Application to Human Heart Failure: A Review of Methodology. <i>Open Access Medical Statistics</i> , 2012 , 2012, 21-31		15
56	Animal models of heart failure: a scientific statement from the American Heart Association. <i>Circulation Research</i> , 2012 , 111, 131-50	15.7	294
55	Endothelial cell culture model for replication of physiological profiles of pressure, flow, stretch, and shear stress in vitro. <i>Analytical Chemistry</i> , 2011 , 83, 3170-7	7.8	69

54	Mitral valve prolapse after long-term mechanical ventricular unloading. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 1067-8	5.8	
53	Angiotensin-II type 1 receptor and NOX2 mediate TCF/LEF and CREB dependent WISP1 induction and cardiomyocyte hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 50, 928-38	5.8	54
52	Response to Letter to the Editor: A Novel Subcutaneous Counterpulsation Device: Acute Hemodynamic Efficacy During Pharmacologically Induced Hypertension, Hypotension, and Heart Failure. <i>Artificial Organs</i> , 2011 , 35, 93-95	2.6	2
51	Heart transplant vs left ventricular assist device in heart transplant-eligible patients. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 1330-3; discussion 1333-4	2.7	44
50	Tumor necrosis factor receptor 2 signaling limits β adrenergic receptor-mediated cardiac hypertrophy in vivo. <i>Basic Research in Cardiology</i> , 2011 , 106, 1193-205	11.8	36
49	Cardiomyocyte NF- κ B p65 promotes adverse remodelling, apoptosis, and endoplasmic reticulum stress in heart failure. <i>Cardiovascular Research</i> , 2011 , 89, 129-38	9.9	186
48	Micro RNA-301a-induced NF- κ B-p50 activation mediates microRNA-130b up-regulation in the failing heart. <i>FASEB Journal</i> , 2011 , 25, 663.11	0.9	
47	O-linked N-acetylglucosamine transferase is indispensable in the failing heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 17797-802	11.5	140
46	Erythropoietin and ventricular remodelling: a VEGF-dependent neovascularity. <i>Cardiovascular Research</i> , 2010 , 87, 6-7	9.9	0
45	Cardioprotective and antiapoptotic effects of heme oxygenase-1 in the failing heart. <i>Circulation</i> , 2010 , 121, 1912-25	16.7	185
44	Hemodynamic responses to continuous versus pulsatile mechanical unloading of the failing left ventricle. <i>ASAIO Journal</i> , 2010 , 56, 410-6	3.6	58
43	Microfluidic cardiac cell culture model (iCCM). <i>Analytical Chemistry</i> , 2010 , 82, 7581-7	7.8	71
42	EMMPRIN activates multiple transcription factors in cardiomyocytes, and induces interleukin-18 expression via Rac1-dependent PI3K/Akt/IKK/NF- κ B and MKK7/JNK/AP-1 signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 49, 655-63	5.8	73
41	Chronic AMD3100 antagonism of SDF-1 α -CXCR4 exacerbates cardiac dysfunction and remodeling after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 49, 587-97	5.8	63
40	WNT1-inducible signaling pathway protein-1 activates diverse cell survival pathways and blocks doxorubicin-induced cardiomyocyte death. <i>Cellular Signalling</i> , 2010 , 22, 809-20	4.9	99
39	Mitochondrial dysfunction may explain the cardiomyopathy of chronic iron overload. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 401-7	7.8	52
38	A novel subcutaneous counterpulsation device: acute hemodynamic efficacy during pharmacologically induced hypertension, hypotension, and heart failure. <i>Artificial Organs</i> , 2010 , 34, 537-45	2.6	23
37	Neutralization of interleukin-18 ameliorates ischemia/reperfusion-induced myocardial injury. <i>Journal of Biological Chemistry</i> , 2009 , 284, 7853-65	5.4	90

36	Divergent tumor necrosis factor receptor-related remodeling responses in heart failure: role of nuclear factor-kappaB and inflammatory activation. <i>Circulation</i> , 2009 , 119, 1386-97	16.7	192
35	Intraoperative evaluation of the HeartMate II flow estimator. <i>Journal of Heart and Lung Transplantation</i> , 2009 , 28, 39-43	5.8	53
34	Metallothionein suppresses angiotensin II-induced nicotinamide adenine dinucleotide phosphate oxidase activation, nitrosative stress, apoptosis, and pathological remodeling in the diabetic heart. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 655-66	15.1	104
33	Human, bovine and porcine systematic vascular input impedances are not equivalent: implications for device testing and xenotransplantation in heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2008 , 27, 1340-7	5.8	13
32	Acrolein consumption exacerbates myocardial ischemic injury and blocks nitric oxide-induced PKCepsilon signaling and cardioprotection. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 1016-22	5.8	77
31	Adiponectin blocks interleukin-18-mediated endothelial cell death via APPL1-dependent AMP-activated protein kinase (AMPK) activation and IKK/NF-kappaB/PTEN suppression. <i>Journal of Biological Chemistry</i> , 2008 , 283, 24889-98	5.4	108
30	Postnatal intermittent hypoxia and developmental programming of hypertension in spontaneously hypertensive rats: the role of reactive oxygen species and L-Ca ²⁺ channels. <i>Hypertension</i> , 2008 , 52, 156-62	8.5	29
29	Cardiac myocyte-specific expression of inducible nitric oxide synthase protects against ischemia/reperfusion injury by preventing mitochondrial permeability transition. <i>Circulation</i> , 2008 , 118, 1970-8	16.7	101
28	Vascular pulsatility in patients with a pulsatile- or continuous-flow ventricular assist device. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 517-24	1.5	112
27	Altered left ventricular-arterial coupling precedes pump dysfunction in early heart failure. <i>Heart and Vessels</i> , 2007 , 22, 170-7	2.1	24
26	Mechanisms of acrolein-induced myocardial dysfunction: implications for environmental and endogenous aldehyde exposure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H3673-84	5.2	84
25	Downregulation of CuZn-superoxide dismutase contributes to beta-adrenergic receptor-mediated oxidative stress in the heart. <i>Cardiovascular Research</i> , 2007 , 74, 445-55	9.9	95
24	Diabetic Cardiomyopathy in OVE26 Mice Shows Mitochondrial ROS Production and Divergence Between In Vivo and In Vitro Contractility. <i>Review of Diabetic Studies</i> , 2007 , 4, 159-68	3.6	30
23	Postinfarct cytokine therapy regenerates cardiac tissue and improves left ventricular function. <i>Circulation Research</i> , 2006 , 98, 1098-105	15.7	79
22	Cardiac metallothionein induction plays the major role in the prevention of diabetic cardiomyopathy by zinc supplementation. <i>Circulation</i> , 2006 , 113, 544-54	16.7	183
21	Prolonged oxidative stress inverts the cardiac force-frequency relation: role of altered calcium handling and myofilament calcium responsiveness. <i>Journal of Molecular and Cellular Cardiology</i> , 2006 , 40, 64-75	5.8	33
20	Post-infarction ventricular remodeling: an array of molecular events. <i>Journal of Molecular and Cellular Cardiology</i> , 2005 , 38, 547-50	5.8	20
19	Cardiac stem cells delivered intravascularly traverse the vessel barrier, regenerate infarcted myocardium, and improve cardiac function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 3766-71	11.5	411

18	Strategies for developing biomarkers of heart failure. <i>Clinical Chemistry</i> , 2004 , 50, 265-78	5.5	37
17	Cytokine-induced modulation of cardiac function. <i>Circulation Research</i> , 2004 , 95, 1140-53	15.7	276
16	Nitric oxide protects against pathological ventricular remodeling: reconsideration of the role of NO in the failing heart. <i>Circulation Research</i> , 2004 , 94, 1155-7	15.7	53
15	Beta-adrenergic stimulation induces interleukin-18 expression via beta2-AR, PI3K, Akt, IKK, and NF-kappaB. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 319, 304-11	3.4	78
14	Cardiac Functional Analysis by Electrocardiography, Echocardiography and in situ Hemodynamics in Streptozotocin-Induced Diabetic Mice. <i>Journal of Health Science</i> , 2004 , 50, 356-365		10
13	Cardiac toxic effects of trans-2-hexenal are mediated by induction of cardiomyocyte apoptotic pathways. <i>Cardiovascular Toxicology</i> , 2003 , 3, 341-51	3.4	9
12	Beta-adrenergic receptor blockade modulates Bcl-X(S) expression and reduces apoptosis in failing myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2003 , 35, 483-93	5.8	39
11	Gene therapy with inducible nitric oxide synthase protects against myocardial infarction via a cyclooxygenase-2-dependent mechanism. <i>Circulation Research</i> , 2003 , 92, 741-8	15.7	69
10	Images in cardiology: Anomalous origin of a diseased left main coronary artery from the right sinus of valsalva. <i>Clinical Cardiology</i> , 2002 , 25, 489	3.3	
9	Gene dosage-dependent effects of cardiac-specific overexpression of the A3 adenosine receptor. <i>Circulation Research</i> , 2002 , 91, 165-72	15.7	75
8	Chronic beta-adrenergic stimulation induces myocardial proinflammatory cytokine expression. <i>Circulation</i> , 2000 , 101, 2338-41	16.7	186
7	Altered LV inotropic reserve and mechanoenergetics early in the development of heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 278, H698-705	5.2	9
6	beta-adrenergic blockade in developing heart failure: effects on myocardial inflammatory cytokines, nitric oxide, and remodeling. <i>Circulation</i> , 2000 , 101, 2103-9	16.7	231
5	Nitric oxide effects on myocardial function and force-interval relations: regulation of twitch duration. <i>Journal of Molecular and Cellular Cardiology</i> , 1999 , 31, 2077-85	5.8	20
4	Effect of tachycardia heart failure on the restitution of left ventricular function in closed-chest dogs. <i>Circulation</i> , 1995 , 91, 176-85	16.7	35
3	Postextrasystolic mechanical restitution in closed-chest dogs. Effect of heart failure. <i>Circulation</i> , 1995 , 92, 2652-9	16.7	13
2	Reactive disulfide compounds induce Ca ²⁺ release from cardiac sarcoplasmic reticulum. <i>Archives of Biochemistry and Biophysics</i> , 1990 , 282, 275-83	4.1	27
1	The heavy metal ions Ag ⁺ and Hg ²⁺ trigger calcium release from cardiac sarcoplasmic reticulum. <i>Archives of Biochemistry and Biophysics</i> , 1990 , 277, 47-55	4.1	53

