

Steven R Houser

List of Publications by Year in descending order

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Version: 2024-02-01

135
papers

10,751
citations

30070

54
h-index

32842

100
g-index

137
all docs

137
docs citations

137
times ranked

14243
citing authors

#	ARTICLE	IF	CITATIONS
1	G protein-coupled receptor kinase 5 (GRK5) contributes to impaired cardiac function and immune cell recruitment in post-ischemic heart failure. <i>Cardiovascular Research</i> , 2022, 118, 169-183.	3.8	27
2	Junctophilin-2 tethers T-tubules and recruits functional L-type calcium channels to lipid rafts in adult cardiomyocytes. <i>Cardiovascular Research</i> , 2021, 117, 149-161.	3.8	34
3	Interaction of the Joining Region in Junctophilin-2 With the L-Type Ca ²⁺ Channel Is Pivotal for Cardiac Dyad Assembly and Intracellular Ca ²⁺ Dynamics. <i>Circulation Research</i> , 2021, 128, 92-114.	4.5	45
4	Thomas L. Force, MD: 1951-2020. <i>Circulation Research</i> , 2021, 128, 6-7.	4.5	0
5	Cardiac Remodeling During Pregnancy With Metabolic Syndrome. <i>Circulation</i> , 2021, 143, 699-712.	1.6	11
6	Postsurgery echocardiography can predict the amount of ischemia-reperfusion injury and the resultant scar size. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H690-H698.	3.2	2
7	Cav ² a TG mice treated with high fat diet and <i>is a model for HFpEF</i> . <i>FASEB Journal</i> , 2021, 35, .	0.5	0
8	HDAC Inhibition Reverses Preexisting Diastolic Dysfunction and Blocks Covert Extracellular Matrix Remodeling. <i>Circulation</i> , 2021, 143, 1874-1890.	1.6	71
9	Response to Letter Regarding Article, "Cardiac Remodeling During Pregnancy With Metabolic Syndrome: Prologue of Pathological Remodeling". <i>Circulation</i> , 2021, 144, e69.	1.6	0
10	Cardiomyocyte Proliferation as a Source of New Myocyte Development in the Adult Heart. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7764.	4.1	18
11	Molecular Signature of HFpEF. <i>JACC Basic To Translational Science</i> , 2021, 6, 650-672.	4.1	12
12	Cortical bone stem cells modify cardiac inflammation after myocardial infarction by inducing a novel macrophage phenotype. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H684-H701.	3.2	16
13	Cortical bone stem cell-derived exosomes [™] therapeutic effect on myocardial ischemia-reperfusion and cardiac remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H1014-H1029.	3.2	14
14	HDAC inhibition improves cardiopulmonary function in a feline model of diastolic dysfunction. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	75
15	A low voltage activated Ca ²⁺ current found in a subset of human ventricular myocytes. <i>Channels</i> , 2020, 14, 231-245.	2.8	2
16	Identification and Comparison of Hyperglycemia-Induced Extracellular Vesicle Transcriptome in Different Mouse Stem Cells. <i>Cells</i> , 2020, 9, 2098.	4.1	7
17	Loss of Protease-Activated Receptor 4 Prevents Inflammation Resolution and Predisposes the Heart to Cardiac Rupture After Myocardial Infarction. <i>Circulation</i> , 2020, 142, 758-775.	1.6	14
18	Echocardiographic Strain Analysis for the Early Detection of Left Ventricular Systolic/Diastolic Dysfunction and Dyssynchrony in a Mouse Model of Physiological Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 455-461.	3.6	57

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19	Cardiometabolic Heart Failure and HFpEF. JACC Basic To Translational Science, 2019, 4, 422-424.	4.1	8
20	Cortical bone-derived stem cell therapy reduces apoptosis after myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H820-H829.	3.2	16
21	Circular RNA CircFndc3b modulates cardiac repair after myocardial infarction via FUS/VEGF-A axis. Nature Communications, 2019, 10, 4317.	12.8	280
22	Cardiomyocyte PKA Ablation Enhances Basal Contractility While Eliminates Cardiac β^2 -Adrenergic Response Without Adverse Effects on the Heart. Circulation Research, 2019, 124, 1760-1777.	4.5	30
23	Acetylation of SERCA2a, Another Target for Heart Failure Treatment?. Circulation Research, 2019, 124, 1285-1287.	4.5	12
24	Cortical Bone Derived Stem Cells for Cardiac Wound Healing. Korean Circulation Journal, 2019, 49, 314.	1.9	12
25	GRK5-mediated Exacerbation of Ischemic Heart Failure Involves Cardiac Immune and Inflammatory Responses. FASEB Journal, 2019, 33, 676.7.	0.5	0
26	Abstract 760: Metabolic Syndrome Impairs Cardiac Remodeling During Pregnancy in Mice. Circulation Research, 2019, 125, .	4.5	0
27	Does a Newly Characterized Cell From the Bone Marrow Repair the Heart After Acute Myocardial Infarction?. Circulation Research, 2018, 122, 1036-1038.	4.5	2
28	Increasing T-type calcium channel activity by β^2 -adrenergic stimulation contributes to β^2 -adrenergic regulation of heart rates. Journal of Physiology, 2018, 596, 1137-1151.	2.9	15
29	Long-Term Caloric Restriction Improves Cardiac Function, Remodeling, Adrenergic Responsiveness, and Sympathetic Innervation in a Model of Postischemic Heart Failure. Circulation: Heart Failure, 2018, 11, e004153.	3.9	45
30	Diabetic Cardiomyopathy: Current and Future Therapies. Beyond Glycemic Control. Frontiers in Physiology, 2018, 9, 1514.	2.8	154
31	GDF11 Decreases Pressure Overload-Induced Hypertrophy, but Can Cause Severe Cachexia and Premature Death. Circulation Research, 2018, 123, 1220-1231.	4.5	40
32	G protein-coupled receptor kinase 2 contributes to impaired fatty acid metabolism in the failing heart. Journal of Molecular and Cellular Cardiology, 2018, 123, 108-117.	1.9	22
33	New Myocyte Formation in the Adult Heart. Circulation Research, 2018, 123, 159-176.	4.5	53
34	Neonatal Transplantation Confers Maturation of PSC-Derived Cardiomyocytes Conducive to Modeling Cardiomyopathy. Cell Reports, 2017, 18, 571-582.	6.4	90
35	Caveolae-localized L-type Ca^{2+} channels do not contribute to function or hypertrophic signalling in the mouse heart. Cardiovascular Research, 2017, 113, 749-759.	3.8	19
36	The mitochondrial Na^+/Ca^{2+} exchanger is essential for Ca^{2+} homeostasis and viability. Nature, 2017, 545, 93-97.	27.8	294

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37	Dedifferentiation, Proliferation, and Redifferentiation of Adult Mammalian Cardiomyocytes After Ischemic Injury. <i>Circulation</i> , 2017, 136, 834-848.	1.6	174
38	Role of STIM1 (Stromal Interaction Molecule 1) in Hypertrophy-Related Contractile Dysfunction. <i>Circulation Research</i> , 2017, 121, 125-136.	4.5	36
39	Peptidyl-Prolyl Isomerase 1 Regulates Ca ²⁺ Handling by Modulating Sarco(Endo)Plasmic Reticulum Calcium ATPase and Na ²⁺ /Ca ²⁺ Exchanger 1 Protein Levels and Function. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	6
40	Cortical Bone Stem Cell Therapy Preserves Cardiac Structure and Function After Myocardial Infarction. <i>Circulation Research</i> , 2017, 121, 1263-1278.	4.5	45
41	A Feline HFpEF Model with Pulmonary Hypertension and Compromised Pulmonary Function. <i>Scientific Reports</i> , 2017, 7, 16587.	3.3	34
42	Remodeling of repolarization and arrhythmia susceptibility in a myosin-binding protein C knockout mouse model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H620-H630.	3.2	12
43	Cardiomyocyte Regeneration. <i>Circulation</i> , 2017, 136, 680-686.	1.6	417
44	microRNA in Cardiovascular Aging and Age-Related Cardiovascular Diseases. <i>Frontiers in Medicine</i> , 2017, 4, 74.	2.6	80
45	Class I Histone Deacetylase Inhibition for the Treatment of Sustained Atrial Fibrillation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 441-449.	2.5	31
46	Nuquantus: Machine learning software for the characterization and quantification of cell nuclei in complex immunofluorescent tissue images. <i>Scientific Reports</i> , 2016, 6, 23431.	3.3	13
47	Is Growth Differentiation Factor 11 a Realistic Therapeutic for Aging-Dependent Muscle Defects?. <i>Circulation Research</i> , 2016, 118, 1143-1150.	4.5	64
48	A Tension-Based Model Distinguishes Hypertrophic versus Dilated Cardiomyopathy. <i>Cell</i> , 2016, 165, 1147-1159.	28.9	193
49	The American Heart Association's New Institute for Precision Cardiovascular Medicine. <i>Circulation</i> , 2016, 134, 1913-1914.	1.6	15
50	Acute Catecholamine Exposure Causes Reversible Myocyte Injury Without Cardiac Regeneration. <i>Circulation Research</i> , 2016, 119, 865-879.	4.5	71
51	Dear food industry: please don't pass the salt. <i>Lancet, The</i> , 2016, 388, 2109-2110.	13.7	0
52	MCUR1 Is a Scaffold Factor for the MCU Complex Function and Promotes Mitochondrial Bioenergetics. <i>Cell Reports</i> , 2016, 15, 1673-1685.	6.4	170
53	Opportunities for the Cardiovascular Community in the Precision Medicine Initiative. <i>Circulation</i> , 2016, 133, 226-231.	1.6	50
54	A peptide encoded by a transcript annotated as long noncoding RNA enhances SERCA activity in muscle. <i>Science</i> , 2016, 351, 271-275.	12.6	634

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55	Abstract 2: Cortical Bone Stem Cells Derived Exosomes as Potent Modulator of Cardiac Immune Response and Repair After Injury. <i>Circulation Research</i> , 2016, 119, .	4.5	0
56	Abstract 53: Characterization of a Feline HFpEF Model Induced by Slow Progressive Pressure Overload. <i>Circulation Research</i> , 2016, 119, .	4.5	0
57	Abstract 364: Cortical Bone Stem Cells Derived Exosomes as Potent Modulator of Cardiac Immune Response and Repair After Injury. <i>Circulation Research</i> , 2016, 119, .	4.5	0
58	A Metric-Based System for Evaluating the Productivity of Preclinical Faculty at an Academic Medical Center in the Era of Clinical and Translational Science. <i>Clinical and Translational Science</i> , 2015, 8, 357-361.	3.1	9
59	Negative Regulation of miR-375 by Interleukin-10 Enhances Bone Marrow-Derived Progenitor Cell-Mediated Myocardial Repair and Function After Myocardial Infarction. <i>Stem Cells</i> , 2015, 33, 3519-3529.	3.2	63
60	Acute aerobic exercise increases exogenously infused bone marrow cell retention in the heart. <i>Physiological Reports</i> , 2015, 3, e12566.	1.7	6
61	Hyperhomocysteinemia suppresses bone marrow CD34 ⁺ /VEGF receptor 2 ⁺ cells and inhibits progenitor cell mobilization and homing to injured vasculature—a role of β 1-integrin in progenitor cell migration and adhesion. <i>FASEB Journal</i> , 2015, 29, 3085-3099.	0.5	40
62	Finding the Rhythm of Sudden Cardiac Death. <i>Circulation Research</i> , 2015, 116, 1989-2004.	4.5	68
63	Obligatory role of neuronal nitric oxide synthase in the heart's antioxidant adaptation with exercise. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 81, 54-61.	1.9	22
64	Platelet Endothelial Cell Adhesion Molecule-1 Mediates Endothelial-Cardiomyocyte Communication and Regulates Cardiac Function. <i>Journal of the American Heart Association</i> , 2015, 4, e001210.	3.7	19
65	Autologous c-Kit ⁺ Mesenchymal Stem Cell Injections Provide Superior Therapeutic Benefit as Compared to c-Kit ⁺ Cardiac-Derived Stem Cells in a Feline Model of Isoproterenol-Induced Cardiomyopathy. <i>Clinical and Translational Science</i> , 2015, 8, 425-431.	3.1	24
66	STIM1 elevation in the heart results in aberrant Ca ²⁺ handling and cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 87, 38-47.	1.9	97
67	The Mitochondrial Calcium Uniporter Matches Energetic Supply with Cardiac Workload during Stress and Modulates Permeability Transition. <i>Cell Reports</i> , 2015, 12, 23-34.	6.4	304
68	Regulation of L-type calcium channel by phospholemman in cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 84, 104-111.	1.9	18
69	Intracoronary Cytoprotective Gene Therapy. <i>Journal of the American College of Cardiology</i> , 2015, 66, 139-153.	2.8	58
70	American Heart Association Cardiovascular Genome-Phenome Study. <i>Circulation</i> , 2015, 131, 100-112.	1.6	26
71	Embryonic Stem Cell-Derived Exosomes Promote Endogenous Repair Mechanisms and Enhance Cardiac Function Following Myocardial Infarction. <i>Circulation Research</i> , 2015, 117, 52-64.	4.5	598
72	Comparative effects of urocortins and stresscopin on cardiac myocyte contractility. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 86, 179-186.	1.9	8

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73	Unique Features of Cortical Bone Stem Cells Associated With Repair of the Injured Heart. <i>Circulation Research</i> , 2015, 117, 1024-1033.	4.5	29
74	Direct Evidence for Microdomain-Specific Localization and Remodeling of Functional L-Type Calcium Channels in Rat and Human Atrial Myocytes. <i>Circulation</i> , 2015, 132, 2372-2384.	1.6	96
75	SPG7 Is an Essential and Conserved Component of the Mitochondrial Permeability Transition Pore. <i>Molecular Cell</i> , 2015, 60, 47-62.	9.7	165
76	GDF11 Does Not Rescue Aging-Related Pathological Hypertrophy. <i>Circulation Research</i> , 2015, 117, 926-932.	4.5	158
77	The Gut Hormone Ghrelin Partially Reverses Energy Substrate Metabolic Alterations in the Failing Heart. <i>Circulation: Heart Failure</i> , 2014, 7, 643-651.	3.9	21
78	GRK5-Mediated Exacerbation of Pathological Cardiac Hypertrophy Involves Facilitation of Nuclear NFAT Activity. <i>Circulation Research</i> , 2014, 115, 976-985.	4.5	73
79	Imatinib Activates Pathological Hypertrophy by Altering Myocyte Calcium Regulation. <i>Clinical and Translational Science</i> , 2014, 7, 360-367.	3.1	15
80	Sorafenib Cardiotoxicity Increases Mortality After Myocardial Infarction. <i>Circulation Research</i> , 2014, 114, 1700-1712.	4.5	69
81	Role of RyR2 Phosphorylation in Heart Failure and Arrhythmias. <i>Circulation Research</i> , 2014, 114, 1320-1327.	4.5	67
82	Transient Receptor Potential Channels Contribute to Pathological Structural and Functional Remodeling After Myocardial Infarction. <i>Circulation Research</i> , 2014, 115, 567-580.	4.5	101
83	β_2 -Adrenergic Receptor-Mediated Cardiac Contractility Is Inhibited via Vasopressin Type 1A-Receptor-Dependent Signaling. <i>Circulation</i> , 2014, 130, 1800-1811.	1.6	34
84	LETM1-dependent mitochondrial Ca^{2+} flux modulates cellular bioenergetics and proliferation. <i>FASEB Journal</i> , 2014, 28, 4936-4949.	0.5	99
85	Embryonic Stem Cell-Derived Cardiac Myocytes Are Not Ready for Human Trials. <i>Circulation Research</i> , 2014, 115, 335-338.	4.5	47
86	c-Cbl Inhibition Improves Cardiac Function and Survival in Response to Myocardial Ischemia. <i>Circulation</i> , 2014, 129, 2031-2043.	1.6	45
87	β_2 -Adrenergic receptor-mediated transactivation of epidermal growth factor receptor decreases cardiomyocyte apoptosis through differential subcellular activation of ERK1/2 and Akt. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 72, 39-51.	1.9	38
88	Challenges Facing Early Career Academic Cardiologists. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2199-2208.	2.8	51
89	Are Resident c-Kit ⁺ Cardiac Stem Cells Really All That Are Needed to Mend a Broken Heart?. <i>Circulation Research</i> , 2013, 113, 1037-1039.	4.5	46
90	Bone-Derived Stem Cells Repair the Heart After Myocardial Infarction Through Transdifferentiation and Paracrine Signaling Mechanisms. <i>Circulation Research</i> , 2013, 113, 539-552.	4.5	156

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91	Prolyl Hydroxylase Domain Protein 2 Silencing Enhances the Survival and Paracrine Function of Transplanted Adipose-Derived Stem Cells in Infarcted Myocardium. <i>Circulation Research</i> , 2013, 113, 288-300.	4.5	97
92	A Caveolae-Targeted L-Type Ca ²⁺ Channel Antagonist Inhibits Hypertrophic Signaling Without Reducing Cardiac Contractility. <i>Circulation Research</i> , 2012, 110, 669-674.	4.5	112
93	Cardiac G-Proteinâ€‘Coupled Receptor Kinase 2 Ablation Induces a Novel Ca ²⁺ Handling Phenotype Resistant to Adverse Alterations and Remodeling After Myocardial Infarction. <i>Circulation</i> , 2012, 125, 2108-2118.	1.6	34
94	Hyperphosphorylation of the Cardiac Ryanodine Receptor at Serine 2808 Is Not Involved in Cardiac Dysfunction After Myocardial Infarction. <i>Circulation Research</i> , 2012, 110, 831-840.	4.5	84
95	Animal Models of Heart Failure. <i>Circulation Research</i> , 2012, 111, 131-150.	4.5	378
96	Ca ²⁺ influx through L-type Ca ²⁺ channels and transient receptor potential channels activates pathological hypertrophy signaling. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 53, 657-667.	1.9	81
97	Calcium Fluxes and Homeostasis. , 2012, , 141-152.		0
98	Repair of the Injured Adult Heart Involves New Myocytes Potentially Derived From Resident Cardiac Stem Cells. <i>Circulation Research</i> , 2011, 108, 1226-1237.	4.5	85
99	Calcium influx through Cav1.2 is a proximal signal for pathological cardiomyocyte hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 460-470.	1.9	100
100	Increasing Cardiac Contractility After Myocardial Infarction Exacerbates Cardiac Injury and Pump Dysfunction. <i>Circulation Research</i> , 2010, 107, 800-809.	4.5	43
101	Enhanced basal contractility but reduced excitation-contraction coupling efficiency and Î² ₂ -adrenergic reserve of hearts with increased Cav1.2 activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H519-H528.	3.2	25
102	Ca ²⁺ Signaling Domains Responsible For Cardiac Hypertrophy and Arrhythmias. <i>Circulation Research</i> , 2009, 104, 413-415.	4.5	25
103	CaMKII Negatively Regulates Calcineurinâ€‘NFAT Signaling in Cardiac Myocytes. <i>Circulation Research</i> , 2009, 105, 316-325.	4.5	129
104	â€‘ Bone Marrow Stem Cells Differentiate into Functional Cardiac Myocytes. <i>Clinical and Translational Science</i> , 2009, 2, 26-32.	3.1	23
105	Stem cell therapy for heart failure. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2009, 11, 316-327.	0.9	12
106	Î±1G-dependent T-type Ca ²⁺ current antagonizes cardiac hypertrophy through a NOS3-dependent mechanism in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 3787-3796.	8.2	83
107	Ca ²⁺ Influx Through T- and L-Type Ca ²⁺ Channels Have Different Effects on Myocyte Contractility and Induce Unique Cardiac Phenotypes. <i>Circulation Research</i> , 2008, 103, 1109-1119.	4.5	69
108	Increased Cardiac Myocyte Progenitors in Failing Human Hearts. <i>Circulation</i> , 2008, 118, 649-657.	1.6	127

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109	Does Contractile Ca ²⁺ Control Calcineurin-NFAT Signaling and Pathological Hypertrophy in Cardiac Myocytes?. <i>Science Signaling</i> , 2008, 1, pe31.	3.6	85
110	Response to Mattiazzi et al.: <i>Circulation Research</i> , 2008, 103, .	4.5	0
111	Adolescent Feline Heart Contains a Population of Small, Proliferative Ventricular Myocytes With Immature Physiological Properties. <i>Circulation Research</i> , 2007, 100, 536-544.	4.5	112
112	Bone marrow cells adopt the cardiomyogenic fate <i>in vivo</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17783-17788.	7.1	292
113	Ca ²⁺ - and mitochondrial-dependent cardiomyocyte necrosis as a primary mediator of heart failure. <i>Journal of Clinical Investigation</i> , 2007, 117, 2431-2444.	8.2	359
114	Phosphorylation of phospholamban at threonine-17 reduces cardiac adrenergic contractile responsiveness in chronic pressure overload-induced hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H61-H70.	3.2	21
115	Sex-based differences in cardiac contractility are evident during stress. <i>FASEB Journal</i> , 2006, 20, A1448.	0.5	0
116	Alterations in Early Action Potential Repolarization Causes Localized Failure of Sarcoplasmic Reticulum Ca ²⁺ Release. <i>Circulation Research</i> , 2005, 96, 543-550.	4.5	81
117	Ca ²⁺ Influx-Induced Sarcoplasmic Reticulum Ca ²⁺ Overload Causes Mitochondrial-Dependent Apoptosis in Ventricular Myocytes. <i>Circulation Research</i> , 2005, 97, 1009-1017.	4.5	181
118	Is Depressed Myocyte Contractility Centrally Involved in Heart Failure?. <i>Circulation Research</i> , 2003, 92, 350-358.	4.5	184
119	Cellular Basis of Abnormal Calcium Transients of Failing Human Ventricular Myocytes. <i>Circulation Research</i> , 2003, 92, 651-658.	4.5	420
120	L-Type Ca ²⁺ Currents Overlapping Threshold Na ⁺ Currents. <i>Circulation Research</i> , 2002, 90, 435-442.	4.5	18
121	L-Type Ca ²⁺ Channel Density and Regulation Are Altered in Failing Human Ventricular Myocytes and Recover After Support With Mechanical Assist Devices. <i>Circulation Research</i> , 2002, 91, 517-524.	4.5	254
122	Electrophysiological Alterations After Mechanical Circulatory Support in Patients With Advanced Cardiac Failure. <i>Circulation</i> , 2001, 104, 1241-1247.	1.6	134
123	Patients With End-Stage Congestive Heart Failure Treated With β^2 -Adrenergic Receptor Antagonists Have Improved Ventricular Myocyte Calcium Regulatory Protein Abundance. <i>Circulation</i> , 2001, 104, 1012-1018.	1.6	131
124	When Does Spontaneous Sarcoplasmic Reticulum Ca ²⁺ Release Cause a Triggered Arrhythmia? Cellular Versus Tissue Requirements. <i>Circulation Research</i> , 2000, 87, 725-727.	4.5	29
125	Voltage-dependent Ca ²⁺ release from the SR of feline ventricular myocytes is explained by Ca ²⁺ -induced Ca ²⁺ release. <i>Journal of Physiology</i> , 2000, 523, 533-548.	2.9	40
126	Abnormalities of Calcium Cycling in the Hypertrophied and Failing Heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 1595-1607.	1.9	299

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127	Sodium/calcium exchange contributes to contraction and relaxation in failed human ventricular myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H714-H724.	3.2	49
128	Electrophysiological properties of neonatal rat ventricular myocytes with β_1 -adrenergic-induced hypertrophy. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H577-H590.	3.2	31
129	Cellular Basis of Contractile Derangements of Hypertrophied Feline Ventricular Myocytes. Journal of Molecular and Cellular Cardiology, 1997, 29, 1823-1835.	1.9	67
130	c-myc Gene expression is localized to the myocyte following hemodynamic overload in vivo. Journal of Cellular Biochemistry, 1994, 54, 78-84.	2.6	16
131	Voltage dependence of contraction and calcium current in severely hypertrophied feline ventricular myocytes. Journal of Molecular and Cellular Cardiology, 1991, 23, 717-726.	1.9	65
132	Norepinephrine-induced cardiac hypertrophy of the cat heart. The Anatomical Record, 1991, 229, 505-510.	1.8	12
133	A Simple Technique to Measure the Rate and Magnitude of Shortening of Single Isolated Cardiac Myocytes. IEEE Transactions on Biomedical Engineering, 1986, BME-33, 929-934.	4.2	12
134	Early morphological alterations of pressure-overloaded cat right ventricular myocardium. The Anatomical Record, 1983, 207, 417-426.	1.8	20
135	Potassium measurements in the extracellular spaces of normal and failing cat myocardium. Cardiovascular Research, 1983, 17, 642-648.	3.8	1