

# Steven R Houser

## 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.

126  
papers

8,233  
citations

51  
h-index

89  
g-index

137  
ext. papers

9,756  
ext. citations

11.5  
avg, IF

5.7  
L-index

#	Paper	IF	Citations
126	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> , <b>2021</b> , 321, H1014-H1029	5.2	3
125	HDAC Inhibition Reverses Preexisting Diastolic Dysfunction and Blocks Covert Extracellular Matrix Remodeling. <i>Circulation</i> , <b>2021</b> , 143, 1874-1890	16.7	20
124	Response to Letter Regarding Article, "Cardiac Remodeling During Pregnancy With Metabolic Syndrome: Prologue of Pathological Remodeling". <i>Circulation</i> , <b>2021</b> , 144, e69	16.7	
123	Junctophilin-2 tethers T-tubules and recruits functional L-type calcium channels to lipid rafts in adult cardiomyocytes. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 149-161	9.9	18
122	Interaction of the Joining Region in Junctophilin-2 With the L-Type Ca Channel Is Pivotal for Cardiac Dyad Assembly and Intracellular Ca Dynamics. <i>Circulation Research</i> , <b>2021</b> , 128, 92-114	15.7	19
121	Thomas L. Force, MD: 1951-2020: A Brilliant Physician-Scientist Gone Too Soon. <i>Circulation Research</i> , <b>2021</b> , 128, 6-7	15.7	
120	Cardiac Remodeling During Pregnancy With Metabolic Syndrome: Prologue of Pathological Remodeling. <i>Circulation</i> , <b>2021</b> , 143, 699-712	16.7	5
119	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> , <b>2021</b> , 320, H690-H698	5.2	2
118	GRK5 contributes to impaired cardiac function and immune cell recruitment in post-ischemic heart failure. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	4
117	Cardiomyocyte Proliferation as a Source of New Myocyte Development in the Adult Heart. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
116	Molecular Signature of HFpEF: Systems Biology in a Cardiac-Centric Large Animal Model. <i>JACC Basic To Translational Science</i> , <b>2021</b> , 6, 650-672	8.7	3
115	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> , <b>2021</b> , 321, H684-H701	5.2	0
114	Loss of Protease-Activated Receptor 4 Prevents Inflammation Resolution and Predisposes the Heart to Cardiac Rupture After Myocardial Infarction. <i>Circulation</i> , <b>2020</b> , 142, 758-775	16.7	3
113	HDAC inhibition improves cardiopulmonary function in a feline model of diastolic dysfunction. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	37
112	A low voltage activated Ca current found in a subset of human ventricular myocytes. <i>Channels</i> , <b>2020</b> , 14, 231-245	3	0
111	Identification and Comparison of Hyperglycemia-Induced Extracellular Vesicle Transcriptome in Different Mouse Stem Cells. <i>Cells</i> , <b>2020</b> , 9,	7.9	1
110	Cortical bone-derived stem cell therapy reduces apoptosis after myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H820-H829	5.2	12

109	Circular RNA CircFndc3b modulates cardiac repair after myocardial infarction via FUS/VEGF-A axis. <i>Nature Communications</i> , <b>2019</b> , 10, 4317	17.4	171
108	Cardiomyocyte PKA Ablation Enhances Basal Contractility While Eliminates Cardiac $\beta$ -Adrenergic Response Without Adverse Effects on the Heart. <i>Circulation Research</i> , <b>2019</b> , 124, 1760-1777	15.7	21
107	Cortical Bone Derived Stem Cells for Cardiac Wound Healing. <i>Korean Circulation Journal</i> , <b>2019</b> , 49, 314-325		9
106	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> , <b>2019</b> , 74, 455-461	6.4	30
105	GRK5-mediated Exacerbation of Ischemic Heart Failure Involves Cardiac Immune and Inflammatory Responses. <i>FASEB Journal</i> , <b>2019</b> , 33, 676.7	0.9	
104	Increasing T-type calcium channel activity by $\beta$ -adrenergic stimulation contributes to $\beta$ -adrenergic regulation of heart rates. <i>Journal of Physiology</i> , <b>2018</b> , 596, 1137-1151	3.9	10
103	Long-Term Caloric Restriction Improves Cardiac Function, Remodeling, Adrenergic Responsiveness, and Sympathetic Innervation in a Model of Postischemic Heart Failure. <i>Circulation: Heart Failure</i> , <b>2018</b> , 11, e004153	7.6	27
102	New Myocyte Formation in the Adult Heart: Endogenous Sources and Therapeutic Implications. <i>Circulation Research</i> , <b>2018</b> , 123, 159-176	15.7	38
101	Diabetic Cardiomyopathy: Current and Future Therapies. Beyond Glycemic Control. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1514	4.6	80
100	GDF11 Decreases Pressure Overload-Induced Hypertrophy, but Can Cause Severe Cachexia and Premature Death. <i>Circulation Research</i> , <b>2018</b> , 123, 1220-1231	15.7	27
99	G protein-coupled receptor kinase 2 contributes to impaired fatty acid metabolism in the failing heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2018</b> , 123, 108-117	5.8	11
98	Neonatal Transplantation Confers Maturation of PSC-Derived Cardiomyocytes Conducive to Modeling Cardiomyopathy. <i>Cell Reports</i> , <b>2017</b> , 18, 571-582	10.6	63
97	Caveolae-localized L-type Ca <sup>2+</sup> channels do not contribute to function or hypertrophic signalling in the mouse heart. <i>Cardiovascular Research</i> , <b>2017</b> , 113, 749-759	9.9	17
96	The mitochondrial Na/Ca exchanger is essential for Ca homeostasis and viability. <i>Nature</i> , <b>2017</b> , 545, 93-97	30.4	203
95	Dedifferentiation, Proliferation, and Redifferentiation of Adult Mammalian Cardiomyocytes After Ischemic Injury. <i>Circulation</i> , <b>2017</b> , 136, 834-848	16.7	101
94	Role of STIM1 (Stromal Interaction Molecule 1) in Hypertrophy-Related Contractile Dysfunction. <i>Circulation Research</i> , <b>2017</b> , 121, 125-136	15.7	27
93	Peptidyl-Prolyl Isomerase 1 Regulates Ca Handling by Modulating Sarco(Endo)Plasmic Reticulum Calcium ATPase and Na/Ca Exchanger 1 Protein Levels and Function. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	3
92	Cortical Bone Stem Cell Therapy Preserves Cardiac Structure and Function After Myocardial Infarction. <i>Circulation Research</i> , <b>2017</b> , 121, 1263-1278	15.7	30

91	A Feline HFpEF Model with Pulmonary Hypertension and Compromised Pulmonary Function. <i>Scientific Reports</i> , <b>2017</b> , 7, 16587	4.9	17
90	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> , <b>2017</b> , 313, H620-H630	5.2	3
89	Cardiomyocyte Regeneration: A Consensus Statement. <i>Circulation</i> , <b>2017</b> , 136, 680-686	16.7	287
88	microRNA in Cardiovascular Aging and Age-Related Cardiovascular Diseases. <i>Frontiers in Medicine</i> , <b>2017</b> , 4, 74	4.9	52
87	The American Heart Association's New Institute for Precision Cardiovascular Medicine. <i>Circulation</i> , <b>2016</b> , 134, 1913-1914	16.7	11
86	Acute Catecholamine Exposure Causes Reversible Myocyte Injury Without Cardiac Regeneration. <i>Circulation Research</i> , <b>2016</b> , 119, 865-79	15.7	51
85	Dear food industry: please don't pass the salt. <i>Lancet, The</i> , <b>2016</b> , 388, 2109-2110	4.0	
84	MCUR1 Is a Scaffold Factor for the MCU Complex Function and Promotes Mitochondrial Bioenergetics. <i>Cell Reports</i> , <b>2016</b> , 15, 1673-85	10.6	130
83	Opportunities for the Cardiovascular Community in the Precision Medicine Initiative. <i>Circulation</i> , <b>2016</b> , 133, 226-31	16.7	42
82	A peptide encoded by a transcript annotated as long noncoding RNA enhances SERCA activity in muscle. <i>Science</i> , <b>2016</b> , 351, 271-5	33.3	439
81	Class I Histone Deacetylase Inhibition for the Treatment of Sustained Atrial Fibrillation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2016</b> , 358, 441-9	4.7	27
80	Nuquantus: Machine learning software for the characterization and quantification of cell nuclei in complex immunofluorescent tissue images. <i>Scientific Reports</i> , <b>2016</b> , 6, 23431	4.9	11
79	Is Growth Differentiation Factor 11 a Realistic Therapeutic for Aging-Dependent Muscle Defects?. <i>Circulation Research</i> , <b>2016</b> , 118, 1143-50; discussion 1150	15.7	52
78	A Tension-Based Model Distinguishes Hypertrophic versus Dilated Cardiomyopathy. <i>Cell</i> , <b>2016</b> , 165, 1147-56; discussion 1159-122	16.7	122
77	Platelet endothelial cell adhesion molecule-1 mediates endothelial-cardiomyocyte communication and regulates cardiac function. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4, e001210	6	15
76	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> , <b>2015</b> , 8, 425-31	4.9	21
75	STIM1 elevation in the heart results in aberrant Ca <sup>2+</sup> handling and cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 87, 38-47	5.8	76
74	The Mitochondrial Calcium Uniporter Matches Energetic Supply with Cardiac Workload during Stress and Modulates Permeability Transition. <i>Cell Reports</i> , <b>2015</b> , 12, 23-34	10.6	222

73	Regulation of L-type calcium channel by phospholemman in cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 84, 104-11	5.8	13
72	Intracoronary Cytoprotective Gene Therapy: A Study of VEGF-B167 in a Pre-Clinical Animal Model of Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 139-53	15.1	50
71	American Heart Association Cardiovascular Genome-Phenome Study: foundational basis and program. <i>Circulation</i> , <b>2015</b> , 131, 100-12	16.7	19
70	Embryonic stem cell-derived exosomes promote endogenous repair mechanisms and enhance cardiac function following myocardial infarction. <i>Circulation Research</i> , <b>2015</b> , 117, 52-64	15.7	45 <sup>8</sup>
69	Comparative effects of urocortins and stresscopin on cardiac myocyte contractility. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 86, 179-86	5.8	6
68	Unique Features of Cortical Bone Stem Cells Associated With Repair of the Injured Heart. <i>Circulation Research</i> , <b>2015</b> , 117, 1024-33	15.7	19
67	Direct Evidence for Microdomain-Specific Localization and Remodeling of Functional L-Type Calcium Channels in Rat and Human Atrial Myocytes. <i>Circulation</i> , <b>2015</b> , 132, 2372-84	16.7	61
66	SPG7 Is an Essential and Conserved Component of the Mitochondrial Permeability Transition Pore. <i>Molecular Cell</i> , <b>2015</b> , 60, 47-62	17.6	131
65	GDF11 does not rescue aging-related pathological hypertrophy. <i>Circulation Research</i> , <b>2015</b> , 117, 926-32	15.7	124
64	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> , <b>2015</b> , 8, 357-61	4.9	7
63	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> , <b>2015</b> , 33, 3519-29	5.8	59
62	Acute aerobic exercise increases exogenously infused bone marrow cell retention in the heart. <i>Physiological Reports</i> , <b>2015</b> , 3, e12566	2.6	5
61	Hyperhomocysteinemia suppresses bone marrow CD34+/VEGF receptor 2+ cells and inhibits progenitor cell mobilization and homing to injured vasculature—a role of $\alpha$ 1-integrin in progenitor cell migration and adhesion. <i>FASEB Journal</i> , <b>2015</b> , 29, 3085-99	0.9	26
60	Finding the rhythm of sudden cardiac death: new opportunities using induced pluripotent stem cell-derived cardiomyocytes. <i>Circulation Research</i> , <b>2015</b> , 116, 1989-2004	15.7	54
59	Obligatory role of neuronal nitric oxide synthase in the heart's antioxidant adaptation with exercise. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 81, 54-61	5.8	21
58	Sorafenib cardiotoxicity increases mortality after myocardial infarction. <i>Circulation Research</i> , <b>2014</b> , 114, 1700-1712	15.7	50
57	Role of RyR2 phosphorylation in heart failure and arrhythmias: protein kinase A-mediated hyperphosphorylation of the ryanodine receptor at serine 2808 does not alter cardiac contractility or cause heart failure and arrhythmias. <i>Circulation Research</i> , <b>2014</b> , 114, 1320-7; discussion 1327	15.7	56
56	Transient receptor potential channels contribute to pathological structural and functional remodeling after myocardial infarction. <i>Circulation Research</i> , <b>2014</b> , 115, 567-580	15.7	84

55	β-adrenergic receptor-mediated cardiac contractility is inhibited via vasopressin type 1A-receptor-dependent signaling. <i>Circulation</i> , <b>2014</b> , 130, 1800-11	16.7	28
54	LETM1-dependent mitochondrial Ca <sup>2+</sup> flux modulates cellular bioenergetics and proliferation. <i>FASEB Journal</i> , <b>2014</b> , 28, 4936-49	0.9	80
53	Embryonic stem cell-derived cardiac myocytes are not ready for human trials. <i>Circulation Research</i> , <b>2014</b> , 115, 335-8	15.7	42
52	c-Cbl inhibition improves cardiac function and survival in response to myocardial ischemia. <i>Circulation</i> , <b>2014</b> , 129, 2031-43	16.7	38
51	β-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> , <b>2014</b> , 72, 39-51	5.8	32
50	Challenges facing early career academic cardiologists. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 2199-208	15.1	30
49	The gut hormone ghrelin partially reverses energy substrate metabolic alterations in the failing heart. <i>Circulation: Heart Failure</i> , <b>2014</b> , 7, 643-51	7.6	17
48	GRK5-mediated exacerbation of pathological cardiac hypertrophy involves facilitation of nuclear NFAT activity. <i>Circulation Research</i> , <b>2014</b> , 115, 976-85	15.7	54
47	Imatinib activates pathological hypertrophy by altering myocyte calcium regulation. <i>Clinical and Translational Science</i> , <b>2014</b> , 7, 360-7	4.9	8
46	Are resident c-Kit <sup>+</sup> cardiac stem cells really all that are needed to mend a broken heart?. <i>Circulation Research</i> , <b>2013</b> , 113, 1037-9	15.7	41
45	Bone-derived stem cells repair the heart after myocardial infarction through transdifferentiation and paracrine signaling mechanisms. <i>Circulation Research</i> , <b>2013</b> , 113, 539-52	15.7	131
44	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> , <b>2013</b> , 113, 288-300	15.7	77
43	Ca <sup>2+</sup> influx through L-type Ca <sup>2+</sup> channels and transient receptor potential channels activates pathological hypertrophy signaling. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2012</b> , 53, 657-67	5.8	69
42	Calcium Fluxes and Homeostasis <b>2012</b> , 141-152		
41	A caveolae-targeted L-type Ca <sup>2+</sup> channel antagonist inhibits hypertrophic signaling without reducing cardiac contractility. <i>Circulation Research</i> , <b>2012</b> , 110, 669-74	15.7	100
40	Cardiac G-protein-coupled receptor kinase 2 ablation induces a novel Ca <sup>2+</sup> handling phenotype resistant to adverse alterations and remodeling after myocardial infarction. <i>Circulation</i> , <b>2012</b> , 125, 2108-18	16.7	29
39	Hyperphosphorylation of the cardiac ryanodine receptor at serine 2808 is not involved in cardiac dysfunction after myocardial infarction. <i>Circulation Research</i> , <b>2012</b> , 110, 831-40	15.7	75
38	Animal models of heart failure: a scientific statement from the American Heart Association. <i>Circulation Research</i> , <b>2012</b> , 111, 131-50	15.7	294

37	Repair of the injured adult heart involves new myocytes potentially derived from resident cardiac stem cells. <i>Circulation Research</i> , <b>2011</b> , 108, 1226-37	15.7	72
36	Calcium influx through Cav1.2 is a proximal signal for pathological cardiomyocyte hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2011</b> , 50, 460-70	5.8	88
35	Increasing cardiac contractility after myocardial infarction exacerbates cardiac injury and pump dysfunction. <i>Circulation Research</i> , <b>2010</b> , 107, 800-9	15.7	35
34	Enhanced basal contractility but reduced excitation-contraction coupling efficiency and beta-adrenergic reserve of hearts with increased Cav1.2 activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 299, H519-28	5.2	21
33	Ca(2+) signaling domains responsible for cardiac hypertrophy and arrhythmias. <i>Circulation Research</i> , <b>2009</b> , 104, 413-5	15.7	18
32	CaMKII negatively regulates calcineurin-NFAT signaling in cardiac myocytes. <i>Circulation Research</i> , <b>2009</b> , 105, 316-25	15.7	104
31	c-Kit+ bone marrow stem cells differentiate into functional cardiac myocytes. <i>Clinical and Translational Science</i> , <b>2009</b> , 2, 26-32	4.9	21
30	Stem cell therapy for heart failure. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2009</b> , 11, 316-27.1	11	11
29	alpha1G-dependent T-type Ca2+ current antagonizes cardiac hypertrophy through a NOS3-dependent mechanism in mice. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 3787-96	15.9	75
28	Ca2+ influx through T- and L-type Ca2+ channels have different effects on myocyte contractility and induce unique cardiac phenotypes. <i>Circulation Research</i> , <b>2008</b> , 103, 1109-19	15.7	63
27	Increased cardiac myocyte progenitors in failing human hearts. <i>Circulation</i> , <b>2008</b> , 118, 649-57	16.7	108
26	Does contractile Ca2+ control calcineurin-NFAT signaling and pathological hypertrophy in cardiac myocytes?. <i>Science Signaling</i> , <b>2008</b> , 1, pe31	8.8	69
25	Adolescent feline heart contains a population of small, proliferative ventricular myocytes with immature physiological properties. <i>Circulation Research</i> , <b>2007</b> , 100, 536-44	15.7	102
24	Bone marrow cells adopt the cardiomyogenic fate in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 17783-8	11.5	261
23	Ca2+- and mitochondrial-dependent cardiomyocyte necrosis as a primary mediator of heart failure. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 2431-44	15.9	317
22	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> , <b>2006</b> , 291, H61-70	5.2	17
21	Sex-based differences in cardiac contractility are evident during stress. <i>FASEB Journal</i> , <b>2006</b> , 20, A1448	0.9	
20	Alterations in early action potential repolarization causes localized failure of sarcoplasmic reticulum Ca2+ release. <i>Circulation Research</i> , <b>2005</b> , 96, 543-50	15.7	69

19	Ca <sup>2+</sup> influx-induced sarcoplasmic reticulum Ca <sup>2+</sup> overload causes mitochondrial-dependent apoptosis in ventricular myocytes. <i>Circulation Research</i> , <b>2005</b> , 97, 1009-17	15.7	154
18	Is depressed myocyte contractility centrally involved in heart failure?. <i>Circulation Research</i> , <b>2003</b> , 92, 350-8	15.7	162
17	Cellular basis of abnormal calcium transients of failing human ventricular myocytes. <i>Circulation Research</i> , <b>2003</b> , 92, 651-8	15.7	363
16	L-type Ca(2+) currents overlapping threshold Na(+) currents: could they be responsible for the "slip-mode" phenomenon in cardiac myocytes?. <i>Circulation Research</i> , <b>2002</b> , 90, 435-42	15.7	18
15	L-type Ca <sup>2+</sup> channel density and regulation are altered in failing human ventricular myocytes and recover after support with mechanical assist devices. <i>Circulation Research</i> , <b>2002</b> , 91, 517-24	15.7	229
14	Electrophysiological alterations after mechanical circulatory support in patients with advanced cardiac failure. <i>Circulation</i> , <b>2001</b> , 104, 1241-7	16.7	114
13	Patients with end-stage congestive heart failure treated with beta-adrenergic receptor antagonists have improved ventricular myocyte calcium regulatory protein abundance. <i>Circulation</i> , <b>2001</b> , 104, 1012-8	16.7	118
12	When does spontaneous sarcoplasmic reticulum CA(2+) release cause a triggered arrhythmia? Cellular versus tissue requirements. <i>Circulation Research</i> , <b>2000</b> , 87, 725-7	15.7	23
11	Voltage-dependent Ca <sup>2+</sup> release from the SR of feline ventricular myocytes is explained by Ca <sup>2+</sup> -induced Ca <sup>2+</sup> release. <i>Journal of Physiology</i> , <b>2000</b> , 523 Pt 3, 533-48	3.9	37
10	Abnormalities of calcium cycling in the hypertrophied and failing heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2000</b> , 32, 1595-607	5.8	264
9	Sodium/calcium exchange contributes to contraction and relaxation in failed human ventricular myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1999</b> , 277, H714-24	5.2	29
8	Electrophysiological properties of neonatal rat ventricular myocytes with alpha1-adrenergic-induced hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1998</b> , 275, H577-90	5.2	21
7	Cellular basis of contractile derangements of hypertrophied feline ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1997</b> , 29, 1823-35	5.8	58
6	c-myc gene expression is localized to the myocyte following hemodynamic overload in vivo. <i>Journal of Cellular Biochemistry</i> , <b>1994</b> , 54, 78-84	4.7	15
5	Norepinephrine-induced cardiac hypertrophy of the cat heart. <i>The Anatomical Record</i> , <b>1991</b> , 229, 505-10		9
4	Voltage dependence of contraction and calcium current in severely hypertrophied feline ventricular myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>1991</b> , 23, 717-26	5.8	57
3	A simple technique to measure the rate and magnitude of shortening of single isolated cardiac myocytes. <i>IEEE Transactions on Biomedical Engineering</i> , <b>1986</b> , 33, 929-34	5	9
2	Early morphological alterations of pressure-overloaded cat right ventricular myocardium. <i>The Anatomical Record</i> , <b>1983</b> , 207, 417-26		18



- 1 Potassium measurements in the extracellular spaces of normal and failing cat myocardium. *Cardiovascular Research*, **1983**, 17, 642-8 9.9 1