

# Charles Steenbergen

## 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.

132  
papers

10,588  
citations

55  
h-index

101  
g-index

138  
ext. papers

11,583  
ext. citations

8  
avg, IF

6.19  
L-index

#	Paper	IF	Citations
132	Mitochondrial Creatine Kinase Attenuates Pathologic Remodeling in Heart Failure.. <i>Circulation Research</i> , <b>2022</b> , CIRCRESAHA121319648	15.7	1
131	Increased Interleukin 18-Dependent Immune Responses Are Associated With Myopericarditis After COVID-19 mRNA Vaccination.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 851620	8.4	2
130	Degradation of Premature-miR-181b by the Translin/Trax RNase Increases Vascular Smooth Muscle Cell Stiffness. <i>Hypertension</i> , <b>2021</b> , 78, 831-839	8.5	1
129	Regulation of Mitochondrial Ca Uptake. <i>Annual Review of Physiology</i> , <b>2021</b> , 83, 107-126	23.1	6
128	Pathology Residency Program Special Expertise Tracks Meet the Needs of an Evolving Field. <i>Academic Pathology</i> , <b>2021</b> , 8, 23742895211037034	1.3	0
127	Role of miR-181c in Diet-induced obesity through regulation of lipid synthesis in liver. <i>PLoS ONE</i> , <b>2021</b> , 16, e0256973	3.7	1
126	Nuclear-mitochondrial communication involving miR-181c plays an important role in cardiac dysfunction during obesity. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2020</b> , 144, 87-96	5.8	5
125	Endomyocardial Biopsy Characterization of Heart Failure With Preserved Ejection Fraction and Prevalence of Cardiac Amyloidosis. <i>JACC: Heart Failure</i> , <b>2020</b> , 8, 712-724	7.9	58
124	Deletion of the microRNA-degrading nuclease, translin/trax, prevents pathogenic vascular stiffness. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 317, H1116-H1124	5.2	8
123	miR-181c Activates Mitochondrial Calcium Uptake by Regulating MICU1 in the Heart. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012919	6	15
122	Does p53 Inhibition Suppress Myocardial Ischemia-Reperfusion Injury?. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , <b>2018</b> , 23, 350-357	2.6	13
121	In Vivo Nanovector Delivery of a Heart-specific MicroRNA-sponge. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	3
120	Baseline Characteristics Predict the Presence of Amyloid on Endomyocardial Biopsy. <i>Journal of Cardiac Failure</i> , <b>2017</b> , 23, 340-344	3.3	8
119	Divergent Effects of miR-181 Family Members on Myocardial Function Through Protective Cytosolic and Detrimental Mitochondrial microRNA Targets. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	52
118	Exosomal MicroRNA-15a Transfer from the Pancreas Augments Diabetic Complications by Inducing Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , <b>2017</b> , 27, 913-930	8.4	80
117	Genetic testing improves identification of transthyretin amyloid (ATTR) subtype in cardiac amyloidosis. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , <b>2017</b> , 24, 92-95	2.7	13
116	miR-181b regulates vascular stiffness age dependently in part by regulating TGF- $\beta$ signaling. <i>PLoS ONE</i> , <b>2017</b> , 12, e0174108	3.7	46

115	Adenosine A1 receptor activation increases myocardial protein S-nitrosothiols and elicits protection from ischemia-reperfusion injury in male and female hearts. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177315	3.7	14
114	Lack of Relationship Between Serum Cardiac Troponin I Level and Giant Cell Myocarditis Diagnosis and Outcomes. <i>Journal of Cardiac Failure</i> , <b>2016</b> , 22, 583-5	3.3	15
113	Characterization of the sex-dependent myocardial S-nitrosothiol proteome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2016</b> , 310, H505-15	5.2	28
112	Additive cardioprotection by pharmacological postconditioning with hydrogen sulfide and nitric oxide donors in mouse heart: S-sulphydration vs. S-nitrosylation. <i>Cardiovascular Research</i> , <b>2016</b> , 110, 96-108	8.9	40
111	Molecular Signature of Nitroso-Redox Balance in Idiopathic Dilated Cardiomyopathies. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4, e002251	6	11
110	ErbB2 overexpression upregulates antioxidant enzymes, reduces basal levels of reactive oxygen species, and protects against doxorubicin cardiotoxicity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 309, H1271-80	5.2	67
109	Sildenafil treatment attenuates ventricular remodeling in an experimental model of aortic regurgitation. <i>SpringerPlus</i> , <b>2015</b> , 4, 592		8
108	The NHLBI-sponsored Consortium for preclinical assessment of cardioprotective therapies (CAESAR): a new paradigm for rigorous, accurate, and reproducible evaluation of putative infarct-sparing interventions in mice, rabbits, and pigs. <i>Circulation Research</i> , <b>2015</b> , 116, 572-86	15.7	111
107	Ischaemic preconditioning preferentially increases protein S-nitrosylation in subsarcolemmal mitochondria. <i>Cardiovascular Research</i> , <b>2015</b> , 106, 227-36	9.9	63
106	Signaling by S-nitrosylation in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2014</b> , 73, 18-25	5.8	57
105	Hydrogen sulfide [corrected] increases survival during sepsis: protective effect of CHOP inhibition. <i>Journal of Immunology</i> , <b>2014</b> , 192, 1806-14	5.3	54
104	Postconditioning leads to an increase in protein S-nitrosylation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 306, H825-32	5.2	44
103	Estrogen regulation of protein expression and signaling pathways in the heart. <i>Biology of Sex Differences</i> , <b>2014</b> , 5, 6	9.3	28
102	Pivotal role of mTORC2 and involvement of ribosomal protein S6 in cardioprotective signaling. <i>Circulation Research</i> , <b>2014</b> , 114, 1268-80	15.7	44
101	miR-181c regulates the mitochondrial genome, bioenergetics, and propensity for heart failure in vivo. <i>PLoS ONE</i> , <b>2014</b> , 9, e96820	3.7	104
100	Strengthening the skin with topical delivery of keratinocyte growth factor-1 using a novel DNA plasmid. <i>Molecular Therapy</i> , <b>2014</b> , 22, 752-61	11.7	23
99	S-nitrosylation of TRIM72 at cysteine 144 is critical for protection against oxidation-induced protein degradation and cell death. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2014</b> , 69, 67-74	5.8	51
98	Skeletal muscle ATP kinetics are impaired in frail mice. <i>Age</i> , <b>2014</b> , 36, 21-30		45

97	Glyceraldehyde-3-phosphate dehydrogenase acts as a mitochondrial trans-S-nitrosylase in the heart. <i>PLoS ONE</i> , <b>2014</b> , 9, e111448	3.7	28
96	Sodium Nitrite Fails to Limit Myocardial Infarct Size: Results from the CAESAR Cardioprotection Consortium (LB645). <i>FASEB Journal</i> , <b>2014</b> , 28, LB645	0.9	16
95	Administration of Sildenafil at Reperfusion Fails to Reduce Infarct Size: Results from the CAESAR Cardioprotection Consortium (LB650). <i>FASEB Journal</i> , <b>2014</b> , 28, LB650	0.9	13
94	Cardioprotection and myocardial reperfusion: pitfalls to clinical application. <i>Circulation Research</i> , <b>2013</b> , 113, 464-77	15.7	84
93	Essential role of nitric oxide in acute ischemic preconditioning: S-nitros(yl)ation versus sGC/cGMP/PKG signaling?. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 54, 105-12	7.8	53
92	Did a classic preconditioning study provide a clue to the identity of the mitochondrial permeability transition pore?. <i>Circulation Research</i> , <b>2013</b> , 113, 852-5	15.7	5
91	Cyclophilin D modulates mitochondrial acetylome. <i>Circulation Research</i> , <b>2013</b> , 113, 1308-19	15.7	48
90	Integration and regression of implanted engineered human vascular networks during deep wound healing. <i>Stem Cells Translational Medicine</i> , <b>2013</b> , 2, 297-306	6.9	37
89	Creatine kinase-overexpression improves myocardial energetics, contractile dysfunction and survival in murine doxorubicin cardiotoxicity. <i>PLoS ONE</i> , <b>2013</b> , 8, e74675	3.7	38
88	Nuclear miRNA regulates the mitochondrial genome in the heart. <i>Circulation Research</i> , <b>2012</b> , 110, 1596-603	15.7	243
87	S-nitrosylation: a radical way to protect the heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2012</b> , 52, 568-77	5.8	79
86	Mitochondrial adenine nucleotide transport and cardioprotection. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2012</b> , 52, 448-53	5.8	14
85	Does the voltage dependent anion channel modulate cardiac ischemia-reperfusion injury?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2012</b> , 1818, 1451-6	3.8	22
84	Creatine kinase overexpression improves ATP kinetics and contractile function in postischemic myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H844-52	5.2	26
83	2011 consensus statement on endomyocardial biopsy from the Association for European Cardiovascular Pathology and the Society for Cardiovascular Pathology. <i>Cardiovascular Pathology</i> , <b>2012</b> , 21, 245-74	3.8	321
82	Mitochondrial permeability transition pore and calcium handling. <i>Methods in Molecular Biology</i> , <b>2012</b> , 810, 235-42	1.4	61
81	Disruption of caveolae blocks ischemic preconditioning-mediated S-nitrosylation of mitochondrial proteins. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 16, 45-56	8.4	56
80	Acute inhibition of GSK causes mitochondrial remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 302, H2439-45	5.2	13

79	Measurement of S-nitrosylation occupancy in the myocardium with cysteine-reactive tandem mass tags: short communication. <i>Circulation Research</i> , <b>2012</b> , 111, 1308-12	15.7	63
78	Creatine kinase-mediated improvement of function in failing mouse hearts provides causal evidence the failing heart is energy starved. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 291-302	15.9	108
77	Intramyocardial injection of autologous cardiospheres or cardiosphere-derived cells preserves function and minimizes adverse ventricular remodeling in pigs with heart failure post-myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 57, 455-65	15.1	187
76	Characterization of potential S-nitrosylation sites in the myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 300, H1327-35	5.2	107
75	What makes the mitochondria a killer? Can we condition them to be less destructive?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2011</b> , 1813, 1302-8	4.9	44
74	Dextran hydrogel scaffolds enhance angiogenic responses and promote complete skin regeneration during burn wound healing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 20976-81	11.5	366
73	Mechanism of cardioprotection: what can we learn from females?. <i>Pediatric Cardiology</i> , <b>2011</b> , 32, 354-9	2.1	25
72	Simultaneous measurement of protein oxidation and S-nitrosylation during preconditioning and ischemia/reperfusion injury with resin-assisted capture. <i>Circulation Research</i> , <b>2011</b> , 108, 418-26	15.7	129
71	Cysteine 203 of cyclophilin D is critical for cyclophilin D activation of the mitochondrial permeability transition pore. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 40184-92	5.4	138
70	Ischemic preconditioning attenuates mitochondrial localization of PTEN induced by ischemia-reperfusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 300, H2177-86	5.2	32
69	S-nitrosylation of cyclophilin D alters mitochondrial permeability transition pore. <i>FASEB Journal</i> , <b>2011</b> , 25, 1033.1	0.9	2
68	Identification of potential S-nitrosylation sites in the myocardium. <i>FASEB Journal</i> , <b>2011</b> , 25, 1094.4	0.9	
67	Sex differences in the phosphorylation of mitochondrial proteins result in reduced production of reactive oxygen species and cardioprotection in females. <i>Circulation Research</i> , <b>2010</b> , 106, 1681-91	15.7	225
66	Cardioprotection leads to novel changes in the mitochondrial proteome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 298, H75-91	5.2	47
65	VAMP-1, VAMP-2, and syntaxin-4 regulate ANP release from cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2010</b> , 49, 791-800	5.8	20
64	Engraftment, differentiation, and functional benefits of autologous cardiosphere-derived cells in porcine ischemic cardiomyopathy. <i>Circulation</i> , <b>2009</b> , 120, 1075-83, 7 p following 1083	16.7	333
63	Estrogen receptor-beta activation results in S-nitrosylation of proteins involved in cardioprotection. <i>Circulation</i> , <b>2009</b> , 120, 245-54	16.7	114
62	Cardioprotection and altered mitochondrial adenine nucleotide transport. <i>Basic Research in Cardiology</i> , <b>2009</b> , 104, 149-56	11.8	28

61	Effect of p38 MAP kinases on contractility and ischemic injury in intact heart. <i>Acta Physiologica Hungarica</i> , <b>2009</b> , 96, 307-23		4
60	Male-female differences in post translational modifications of mitochondrial proteins. <i>FASEB Journal</i> , <b>2009</b> , 23,	0.9	2
59	Mechanisms underlying acute protection from cardiac ischemia-reperfusion injury. <i>Physiological Reviews</i> , <b>2008</b> , 88, 581-609	47.9	1055
58	Glycogen synthase kinase 3 inhibition slows mitochondrial adenine nucleotide transport and regulates voltage-dependent anion channel phosphorylation. <i>Circulation Research</i> , <b>2008</b> , 103, 983-91	15.7	150
57	Ion transport and energetics during cell death and protection. <i>Physiology</i> , <b>2008</b> , 23, 115-23	9.8	71
56	Signalosomes: delivering cardioprotective signals from GPCRs to mitochondria. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 295, H920-H922	5.2	10
55	Does inhibition of glycogen synthase kinase protect in mice?. <i>Circulation Research</i> , <b>2008</b> , 103, 226-8	15.7	20
54	Preconditioning: the mitochondrial connection. <i>Annual Review of Physiology</i> , <b>2007</b> , 69, 51-67	23.1	191
53	Cardioprotection in females: a role for nitric oxide and altered gene expression. <i>Heart Failure Reviews</i> , <b>2007</b> , 12, 293-300	5	56
52	Overexpression of the Na <sup>+</sup> /H <sup>+</sup> exchanger and ischemia-reperfusion injury in the myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H2237-47	5.2	38
51	Gender-based differences in mechanisms of protection in myocardial ischemia-reperfusion injury. <i>Cardiovascular Research</i> , <b>2007</b> , 75, 478-86	9.9	176
50	Preconditioning results in S-nitrosylation of proteins involved in regulation of mitochondrial energetics and calcium transport. <i>Circulation Research</i> , <b>2007</b> , 101, 1155-63	15.7	310
49	Treatment with an estrogen receptor-beta-selective agonist is cardioprotective. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2007</b> , 42, 769-80	5.8	90
48	The Role of Mitochondria in Necrosis Following Myocardial Ischemia-Reperfusion <b>2007</b> , 291-301		
47	Preconditioning increases S-nitrosylation of L-type calcium channel and SERCA2a. <i>FASEB Journal</i> , <b>2007</b> , 21, A1379	0.9	
46	S-nitrosylation: NO-related redox signaling to protect against oxidative stress. <i>Antioxidants and Redox Signaling</i> , <b>2006</b> , 8, 1693-705	8.4	170
45	Hypercontractile female hearts exhibit increased S-nitrosylation of the L-type Ca <sup>2+</sup> channel alpha1 subunit and reduced ischemia/reperfusion injury. <i>Circulation Research</i> , <b>2006</b> , 98, 403-11	15.7	245
44	Estrogen receptor beta mediates gender differences in ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2005</b> , 38, 289-97	5.8	181

43	Bcl-2 regulation of mitochondrial energetics. <i>Trends in Cardiovascular Medicine</i> , <b>2005</b> , 15, 283-90	6.9	37
42	Mechanisms of erythropoietin-mediated cardioprotection during ischemia-reperfusion injury: role of protein kinase C and phosphatidylinositol 3-kinase signaling. <i>FASEB Journal</i> , <b>2005</b> , 19, 1323-5	0.9	108
41	Protein kinase C and preconditioning: role of the sarcoplasmic reticulum. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 289, H2484-90	5.2	23
40	Estrogen receptor-beta mediates male-female differences in the development of pressure overload hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 288, H4692-76	5.2	163
39	Cardiac-specific ablation of the Na <sup>+</sup> -Ca <sup>2+</sup> exchanger confers protection against ischemia/reperfusion injury. <i>Circulation Research</i> , <b>2005</b> , 97, 916-21	15.7	136
38	Inhibition of GSK-3beta as a target for cardioprotection: the importance of timing, location, duration and degree of inhibition. <i>Expert Opinion on Therapeutic Targets</i> , <b>2005</b> , 9, 447-56	6.4	46
37	The role of beta-adrenergic receptor signaling in cardioprotection. <i>FASEB Journal</i> , <b>2005</b> , 19, 983-5	0.9	63
36	Erythropoietin receptor expression in adult rat cardiomyocytes is associated with an acute cardioprotective effect for recombinant erythropoietin during ischemia-reperfusion injury. <i>FASEB Journal</i> , <b>2004</b> , 18, 1031-3	0.9	191
35	G protein-coupled receptor internalization signaling is required for cardioprotection in ischemic preconditioning. <i>Circulation Research</i> , <b>2004</b> , 94, 1133-41	15.7	50
34	Transgenic expression of Bcl-2 modulates energy metabolism, prevents cytosolic acidification during ischemia, and reduces ischemia/reperfusion injury. <i>Circulation Research</i> , <b>2004</b> , 95, 734-41	15.7	170
33	Male/female differences in intracellular Na <sup>+</sup> regulation during ischemia/reperfusion in mouse heart. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2004</b> , 37, 747-53	5.8	23
32	Mechanisms of Erythropoietin-Mediated Cardioprotection during Ischemia-Reperfusion Injury: Role of Protein Kinase C Signaling. <i>Blood</i> , <b>2004</b> , 104, 2907-2907	2.2	
31	Alterations in apoptotic signaling in human idiopathic cardiomyopathic hearts in failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 284, H268-76	5.2	47
30	Ablation of PLB exacerbates ischemic injury to a lesser extent in female than male mice: protective role of NO. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 284, H683-90	5.2	68
29	Gender differences in sarcoplasmic reticulum calcium loading after isoproterenol. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2003</b> , 285, H2657-62	5.2	53
28	Cause of Death and Sudden Cardiac Death After Heart Transplantation. <i>American Journal of Clinical Pathology</i> , <b>2003</b> , 119, 740-748	1.9	22
27	A Role for the Phosphatidylinositol-3-Kinase Pathway in Preconditioning. <i>Progress in Experimental Cardiology</i> , <b>2003</b> , 275-282		
26	Is Na/Ca exchange during ischemia and reperfusion beneficial or detrimental?. <i>Annals of the New York Academy of Sciences</i> , <b>2002</b> , 976, 421-30	6.5	19

25	Ca(2+) loading and adrenergic stimulation reveal male/female differences in susceptibility to ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 283, H481-9	5.2	64
24	The role of p38 mitogen-activated protein kinase in myocardial ischemia/reperfusion injury; relationship to ischemic preconditioning. <i>Basic Research in Cardiology</i> , <b>2002</b> , 97, 276-85	11.8	94
23	Male and female mice overexpressing the beta(2)-adrenergic receptor exhibit differences in ischemia/reperfusion injury: role of nitric oxide. <i>Cardiovascular Research</i> , <b>2002</b> , 53, 662-71	9.9	42
22	Overexpression of A(3) adenosine receptors decreases heart rate, preserves energetics, and protects ischemic hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 283, H1562-8	5.2	44
21	Phosphorylation of glycogen synthase kinase-3beta during preconditioning through a phosphatidylinositol-3-kinase--dependent pathway is cardioprotective. <i>Circulation Research</i> , <b>2002</b> , 90, 377-9	15.7	312
20	Expression of activated PKC epsilon (PKC epsilon) protects the ischemic heart, without attenuating ischemic H(+) production. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2002</b> , 34, 361-7	5.8	73
19	Histological evidence of angiogenesis 9 months after transmural laser revascularization. <i>Circulation</i> , <b>2001</b> , 103, 469-71	16.7	28
18	Diazoxide-induced cardioprotection requires signaling through a redox-sensitive mechanism. <i>Circulation Research</i> , <b>2001</b> , 88, 802-9	15.7	325
17	Leukocyte-type 12-lipoxygenase-deficient mice show impaired ischemic preconditioning-induced cardioprotection. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 280, H1963-9	5.2	27
16	Inhibition of p38 MAPK alpha/beta reduces ischemic injury and does not block protective effects of preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 280, H499-508	5.2	61
15	Ischemic preconditioning activates phosphatidylinositol-3-kinase upstream of protein kinase C. <i>Circulation Research</i> , <b>2000</b> , 87, 309-15	15.7	289
14	Preconditioning enhanced glucose uptake is mediated by p38 MAP kinase not by phosphatidylinositol 3-kinase. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 11981-6	5.4	66
13	Lipoxygenase metabolism of arachidonic acid in ischemic preconditioning and PKC-induced protection in heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1999</b> , 276, H2094-101	5.2	22
12	Overexpression of the cardiac beta(2)-adrenergic receptor and expression of a beta-adrenergic receptor kinase-1 (betaARK1) inhibitor both increase myocardial contractility but have differential effects on susceptibility to ischemic injury. <i>Circulation Research</i> , <b>1999</b> , 85, 1077-84	15.7	58
11	Overexpression of the cardiac Na <sup>+</sup> /Ca <sup>2+</sup> exchanger increases susceptibility to ischemia/reperfusion injury in male, but not female, transgenic mice. <i>Circulation Research</i> , <b>1998</b> , 83, 1215-23	15.7	163
10	Regulation of the Ca <sup>2+</sup> gradient across the sarcoplasmic reticulum in perfused rabbit heart. A 19F nuclear magnetic resonance study. <i>Circulation Research</i> , <b>1998</b> , 83, 898-907	15.7	54
9	Molecular cloning, expression, and functional significance of a cytochrome P450 highly expressed in rat heart myocytes. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 12551-9	5.4	177
8	Decreased intracellular pH is not due to increased H <sup>+</sup> extrusion in preconditioned rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1997</b> , 273, H2257-62	5.2	15



7	CYP2J subfamily cytochrome P450s in the gastrointestinal tract: expression, localization, and potential functional significance. <i>Molecular Pharmacology</i> , <b>1997</b> , 51, 931-43	4.3	116
6	Role of lipoxygenase metabolites in ischemic preconditioning. <i>Circulation Research</i> , <b>1995</b> , 76, 457-67	15.7	38
5	A redox-based mechanism for cardioprotection induced by ischemic preconditioning in perfused rat heart. <i>Circulation Research</i> , <b>1995</b> , 77, 424-9	15.7	107
4	Glibenclamide does not abolish the protective effect of preconditioning on stunning in the isolated perfused rat heart. <i>Cardiovascular Research</i> , <b>1993</b> , 27, 630-7	9.9	35
3	The correlation of mononuclear cell phenotype in endomyocardial biopsies with clinical history and cardiac dysfunction. <i>American Journal of Clinical Pathology</i> , <b>1989</b> , 91, 37-44	1.9	21
2	Aspergillus infection of a permanent ventricular pacing lead. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>1984</b> , 7, 361-6	1.6	14
1	DNA Microarray Gene Profiling: A Tool for the Elucidation of Cardioprotective Genes99-112		