

# CITATION REPORT

List of articles citing

**Protein kinase C plays an essential role in sildenafil-induced cardioprotection in rabbits**

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**American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H1455-60.**

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#	Paper	IF	Citations
64	Bmx, a member of the Tec family of nonreceptor tyrosine kinases, is a novel participant in pharmacological cardioprotection. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2004</b> , 287, H2364-6	5.2	11
63	The potential use of type-5 phosphodiesterase inhibitors in coronary artery bypass graft surgery. <i>Chest</i> , <b>2005</b> , 128, 3065-73	5.3	31
62	Effects of sildenafil citrate on hepatic function and regeneration in normal and alcohol-fed rats. <i>Liver International</i> , <b>2005</b> , 25, 913-9	7.9	8
61	Pharmacological preconditioning with sildenafil: Basic mechanisms and clinical implications. <i>Vascular Pharmacology</i> , <b>2005</b> , 42, 219-32	5.9	155
60	Effect of sildenafil on reperfusion function, infarct size, and cyclic nucleotide levels in the isolated rat heart model. <i>Cardiovascular Drugs and Therapy</i> , <b>2005</b> , 19, 23-31	3.9	40
59	Platelet-activating factor induces cardioprotection in isolated rat heart akin to ischemic preconditioning: role of phosphoinositide 3-kinase and protein kinase C activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2005</b> , 288, H2512-20	5.2	39
58	Sildenafil citrate (viagra) induces cardioprotective effects after ischemia/reperfusion injury in infant rabbits. <i>Pediatric Research</i> , <b>2005</b> , 57, 22-7	3.2	42
57	Inhibitors of cyclic nucleotide phosphodiesterase 3 and 5 as therapeutic agents in heart failure. <i>Expert Opinion on Investigational Drugs</i> , <b>2006</b> , 15, 733-42	5.9	26
56	Enhanced cardioprotection against ischemia-reperfusion injury with combining sildenafil with low-dose atorvastatin. <i>Cardiovascular Drugs and Therapy</i> , <b>2006</b> , 20, 27-36	3.9	37
55	cAMP and cGMP signaling cross-talk: role of phosphodiesterases and implications for cardiac pathophysiology. <i>Circulation Research</i> , <b>2007</b> , 100, 1569-78	15.7	255
54	Sildenafil promotes ischemia-induced angiogenesis through a PKG-dependent pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 1947-54	9.4	69
53	Sildenafil-mediated acute cardioprotection is independent of the NO/cGMP pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 292, H342-7	5.2	55
52	Phosphodiesterase type 5: expanding roles in cardiovascular regulation. <i>Circulation Research</i> , <b>2007</b> , 101, 1084-95	15.7	164
51	Diabetes abolishes sildenafil-induced cGMP-dependent protein kinase-I expression and cardioprotection. <i>Journal of Cardiovascular Pharmacology</i> , <b>2007</b> , 50, 670-6	3.1	15
50	Cellular Pathways and Molecular Events in Cardioprotection. <b>2007</b> , 281-315		
49	Sildenafil and vardenafil but not nitroglycerin limit myocardial infarction through opening of mitochondrial K(ATP) channels when administered at reperfusion following ischemia in rabbits. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2007</b> , 42, 453-8	5.8	105
48	Adenosine A(1) receptor mediates delayed cardioprotective effect of sildenafil in mouse. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2007</b> , 43, 545-51	5.8	16

47	Protein kinase G-dependent cardioprotective mechanism of phosphodiesterase-5 inhibition involves phosphorylation of ERK and GSK3beta. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 29572-85	5.4	153
46	cGMP-hydrolytic activity and its inhibition by sildenafil in normal and failing human and mouse myocardium. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2009</b> , 330, 884-91	4.7	59
45	Long-acting phosphodiesterase-5 inhibitor, tadalafil, induces sustained cardioprotection against lethal ischemic injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 297, H387-91	5.1	22
44	ERK phosphorylation mediates sildenafil-induced myocardial protection against ischemia-reperfusion injury in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 296, H1236-43	5.2	110
43	Pretreatment of sildenafil attenuates ischemia-reperfusion renal injury in rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2009</b> , 297, F362-70	4.3	90
42	Phosphodiesterase-5 inhibitor, tadalafil, protects against myocardial ischemia/reperfusion through protein-kinase g-dependent generation of hydrogen sulfide. <i>Circulation</i> , <b>2009</b> , 120, S31-6	16.7	123
41	Dose-dependent effects of a selective phosphodiesterase-5-inhibitor on endothelial dysfunction induced by peroxynitrite in rat aorta. <i>European Journal of Pharmacology</i> , <b>2009</b> , 615, 155-62	5.3	28
40	Phosphodiesterase inhibition in heart failure. <i>Heart Failure Reviews</i> , <b>2009</b> , 14, 255-63	5	51
39	Pivotal effects of phosphodiesterase inhibitors on myocyte contractility and viability in normal and ischemic hearts. <i>Acta Pharmacologica Sinica</i> , <b>2009</b> , 30, 1-24	8	45
38	Phosphodiesterase 5 inhibitors prevent 3,4-methylenedioxymethamphetamine-induced 5-HT deficits in the rat. <i>Journal of Neurochemistry</i> , <b>2009</b> , 108, 755-66	6	39
37	Sildenafil attenuates renal injury in an experimental model of rat cisplatin-induced nephrotoxicity. <i>Toxicology</i> , <b>2009</b> , 257, 137-43	4.4	61
36	Phosphodiesterase 5 inhibitors: are they cardioprotective?. <i>Cardiovascular Research</i> , <b>2009</b> , 83, 204-12	9.9	29
35	Sildenafil citrate augments myocardial protection in heart transplantation. <i>Transplantation</i> , <b>2010</b> , 89, 169-77	1.8	16
34	Targeting cyclic nucleotide phosphodiesterase in the heart: therapeutic implications. <i>Journal of Cardiovascular Translational Research</i> , <b>2010</b> , 3, 507-15	3.3	38
33	Protein Kinases as Drug Development Targets for Heart Disease Therapy. <i>Pharmaceuticals</i> , <b>2010</b> , 3, 2111-15	21.45	22
32	cGMP-dependent protein kinases and cGMP phosphodiesterases in nitric oxide and cGMP action. <i>Pharmacological Reviews</i> , <b>2010</b> , 62, 525-63	22.5	677
31	Sildenafil increases chemotherapeutic efficacy of doxorubicin in prostate cancer and ameliorates cardiac dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 18202-7	11.5	116
30	Autophagy and protein kinase C are required for cardioprotection by sulfaphenazole. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2010</b> , 298, H570-9	5.2	71

29	Effects of sildenafil in combination with angiotensin-converting enzyme inhibitor on limiting infarct expansion in a porcine model of acute myocardial infarction. <i>International Journal of Cardiology</i> , <b>2011</b> , 146, 459-60	3.2	5
28	Renoprotective effects of sildenafil in DOCA-salt hypertensive rats. <i>Kidney and Blood Pressure Research</i> , <b>2012</b> , 36, 248-57	3.1	28
27	Effect of Sildenafil on Heart Nitric Oxide Metabolism and Mitochondrial Function. <i>Oxidative Stress and Disease</i> , <b>2012</b> , 169-188		
26	An update on cardioprotection: a review of the latest adjunctive therapies to limit myocardial infarction size in clinical trials. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 969-78	15.1	166
25	Cyclic guanosine monophosphate signaling and phosphodiesterase-5 inhibitors in cardioprotection. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 1921-7	15.1	58
24	Modulation of the ASK1-MKK3/6-p38/MAPK signalling pathway mediates sildenafil protection against chemical hypoxia caused by malonate. <i>British Journal of Pharmacology</i> , <b>2013</b> , 168, 1820-34	8.6	15
23	Low molecular weight fibroblast growth factor-2 signals via protein kinase C and myofibrillar proteins to protect against postischemic cardiac dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 304, H1382-96	5.2	10
22	The safety of preoperative vardenafil in patients undergoing coronary artery bypass graft surgery. <i>Journal of Cardiovascular Pharmacology</i> , <b>2013</b> , 62, 106-9	3.1	3
21	Sildenafil attenuates hepatocellular injury after liver ischemia reperfusion in rats: a preliminary study. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2014</b> , 2014, 161942	6.7	20
20	Novel approaches and opportunities for cardioprotective signaling through 3',5'-cyclic guanosine monophosphate manipulation. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , <b>2014</b> , 19, 269-82	2.6	16
19	The cross talk between cGMP signal pathway and PKC in pulmonary endothelial cell angiogenesis. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 10185-98	6.3	4
18	Effects of sildenafil on nanostructural and nanomechanical changes in mitochondria in an ischaemia-reperfusion rat model. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2014</b> , 41, 763-8 <sup>3</sup>		8
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16	Enhanced vascular PI3K/Akt-NOX signaling underlies the peripheral NMDAR-mediated pressor response in conscious rats. <i>Journal of Cardiovascular Pharmacology</i> , <b>2014</b> , 63, 395-405	3.1	9
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14	In vivo study of novel nanocomposite for prostate cancer treatment. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 617, 012001	0.3	
13	Sildenafil Protects against Myocardial Ischemia-Reperfusion Injury Following Cardiac Arrest in a Porcine Model: Possible Role of the Renin-Angiotensin System. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 27015-31	6.3	14
12	Mechanism of endothelial cyto-protective and thrombo-resistance effects of sildenafil, vardenafil and tadalafil in male rabbit. <i>Archives of Medical Science</i> , <b>2015</b> , 11, 190-8	2.9	12

11	Myocardial protection from ischemia-reperfusion injury post coronary revascularization. <i>Expert Review of Cardiovascular Therapy</i> , <b>2015</b> , 13, 1045-57	2.5	69
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5	Sildenafil citrate in healthy and diseased hearts. <i>Journal of Cardiology and Cardiovascular Medicine</i> , <b>2021</b> , 6, 033-039	0.1	0
4	Cardiac Effects of Phosphodiesterase-5 Inhibitors: Efficacy and Safety. <i>Cardiovascular Drugs and Therapy</i> , <b>2021</b> , 1	3.9	1
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