

# CITATION REPORT

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**Sirtuin 1 (SIRT1) activation mediates sildenafil induced delayed cardioprotection against ischemia-reperfusion injury in mice**

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#	Paper	IF	Citations
48	Chronic inhibition of phosphodiesterase 5 with tadalafil attenuates mitochondrial dysfunction in type 2 diabetic hearts: potential role of NO/SIRT1/PGC-1 $\beta$ signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 306, H1558-68	5.2	61
47	Overexpression of a dominant-negative mutant of SIRT1 in mouse heart causes cardiomyocyte apoptosis and early-onset heart failure. <i>Science China Life Sciences</i> , <b>2014</b> , 57, 915-24	8.5	19
46	An overview of the efficacy of resveratrol in the management of ischemic heart disease. <i>Annals of the New York Academy of Sciences</i> , <b>2015</b> , 1348, 55-67	6.5	33
45	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
44	Interaction between leucine and phosphodiesterase 5 inhibition in modulating insulin sensitivity and lipid metabolism. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2015</b> , 8, 227-39	3.4	16
43	Organ-Protective Effects of Red Wine Extract, Resveratrol, in Oxidative Stress-Mediated Reperfusion Injury. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 568634	6.7	35
42	Phytochemical Compounds and Protection from Cardiovascular Diseases: A State of the Art. <i>BioMed Research International</i> , <b>2015</b> , 2015, 918069	3	57
41	Resveratrol protects against doxorubicin-induced cardiotoxicity in aged hearts through the SIRT1-USP7 axis. <i>Journal of Physiology</i> , <b>2015</b> , 593, 1887-99	3.9	55
40	Sirtuin function in aging heart and vessels. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 83, 55-61	5.8	67
39	Sirtuin regulation in aging and injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 2442-55	6.9	157
38	The role of sirtuins in cardiac disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 309, H1375-89	5.2	178
37	SIRT3 protects cells from hypoxia via PGC-1 $\beta$ and MnSOD-dependent pathways. <i>Neuroscience</i> , <b>2015</b> , 286, 109-21	3.9	51
36	Preclinical and clinical evidence for the role of resveratrol in the treatment of cardiovascular diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2015</b> , 1852, 1155-77	6.9	204
35	Sirtuins Link Inflammation and Metabolism. <i>Journal of Immunology Research</i> , <b>2016</b> , 2016, 8167273	4.5	174
34	Resveratrol and Cardiovascular Diseases. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	231
33	Role of Sirtuins in Regulating Pathophysiology of the Heart. <i>Trends in Endocrinology and Metabolism</i> , <b>2016</b> , 27, 563-573	8.8	44
32	Sulforaphane prevents rat cardiomyocytes from hypoxia/reoxygenation injury in vitro via activating SIRT1 and subsequently inhibiting ER stress. <i>Acta Pharmacologica Sinica</i> , <b>2016</b> , 37, 344-53	8	23

31	Bakuchiol attenuates myocardial ischemia reperfusion injury by maintaining mitochondrial function: the role of silent information regulator 1. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2016</b> , 21, 532-45	5.4	22
30	Sirt1: Role Under the Condition of Ischemia/Hypoxia. <i>Cellular and Molecular Neurobiology</i> , <b>2017</b> , 37, 17-28	4.6	72
29	Mitochondrial function in hypoxic ischemic injury and influence of aging. <i>Progress in Neurobiology</i> , <b>2017</b> , 157, 92-116	10.9	162
28	2-Methoxyestradiol protects against ischemia/reperfusion injury in alcoholic fatty liver by enhancing sirtuin 1-mediated autophagy. <i>Biochemical Pharmacology</i> , <b>2017</b> , 131, 40-51	6	25
27	Sildenafil protects against bile duct ligation induced hepatic fibrosis in rats: Potential role for silent information regulator 1 (SIRT1). <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 335, 64-71	4.6	13
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25	SIRT1 confers protection against ischemia/reperfusion injury in cardiomyocytes via regulation of uncoupling protein 2 expression. <i>Molecular Medicine Reports</i> , <b>2017</b> , 16, 7098-7104	2.9	17
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23	Sirtuins and NAD in the Development and Treatment of Metabolic and Cardiovascular Diseases. <i>Circulation Research</i> , <b>2018</b> , 123, 868-885	15.7	151
22	Biphasic Effect of Sildenafil on Energy Sensing is Mediated by Phosphodiesterases 2 and 3 in Adipocytes and Hepatocytes. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	3
21	Effects of resveratrol postconditioning on cerebral ischemia in mice: role of the sirtuin-1 pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , <b>2019</b> , 97, 1094-1101	2.4	16
20	A Meta-Analysis of Resveratrol Protects against Myocardial Ischemia/Reperfusion Injury: Evidence from Small Animal Studies and Insight into Molecular Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 5793867	6.7	15
19	Icariin attenuates isoproterenol-induced cardiac toxicity in Wistar rats via modulating cGMP level and NF- $\kappa$ B signaling cascade. <i>Human and Experimental Toxicology</i> , <b>2020</b> , 39, 117-126	3.4	7
18	NAD metabolism: pathophysiologic mechanisms and therapeutic potential. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 227	2.1	101
17	Phosphodiesterase Inhibitors for Alzheimer's Disease: A Systematic Review of Clinical Trials and Epidemiology with a Mechanistic Rationale. <i>Journal of Alzheimers Disease Reports</i> , <b>2020</b> , 4, 185-215	3.3	25
16	Cardiac metabolism as a driver and therapeutic target of myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 5937-5954	5.6	38
15	Sildenafil for the Treatment of Alzheimer's Disease: A Systematic Review. <i>Journal of Alzheimers Disease Reports</i> , <b>2020</b> , 4, 91-106	3.3	12
14	PDE5 inhibitor sildenafil attenuates cardiac microRNA 214 upregulation and pro-apoptotic signaling after chronic alcohol ingestion in mice. <i>Molecular and Cellular Biochemistry</i> , <b>2020</b> , 471, 189-201	4.2	1

13	Histone deacetylases in modulating cardiac disease and their clinical translational and therapeutic implications. <i>Experimental Biology and Medicine</i> , <b>2021</b> , 246, 213-225	3.7	2
12	Cilostazol preconditioning alleviates cyclophosphamide-induced cardiotoxicity in male rats: Mechanistic insights into SIRT1 signaling pathway. <i>Life Sciences</i> , <b>2021</b> , 266, 118822	6.8	6
11	Scope to develop sirtuins modulators as a therapy to attenuate cardiac complications. <b>2021</b> , 241-260		
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9	Critical role of SIRT1 upregulation on the protective effect of lncRNA ANRIL against hypoxia/reoxygenation injury in H9c2 cardiomyocytes. <i>Molecular Medicine Reports</i> , <b>2021</b> , 24,	2.9	1
8	Sirtuin 1 (SIRT1) activation mediates sildenafil induced delayed cardioprotection against ischemia-reperfusion injury in mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e86977	3.7	43
7	Resveratrol. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , <b>2017</b> , 288-308	0.2	2
6	A Comprehensive Analysis of the Efficacy of Resveratrol in Atherosclerotic Cardiovascular Disease, Myocardial Infarction and Heart Failure. <i>Molecules</i> , <b>2021</b> , 26,	4.8	0
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4	Versatile role of sirtuins in metabolic disorders: From modulation of mitochondrial function to therapeutic interventions.. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2022</b> , e23047	3.4	0
3	Epigenetic regulation in cardiovascular disease: mechanisms and advances in clinical trials. <i>Signal Transduction and Targeted Therapy</i> , <b>2022</b> , 7,	21	3
2	N6-methyladenine demethylase ALKBH5 alleviates cardiomyocytes apoptosis via modulating m6A/SIRT1 manner.		
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