

# CITATION REPORT

List of articles citing

**Tadalafil improves short-term memory by suppressing ischemia-induced apoptosis of hippocampal neuronal cells in gerbils**

**DOI: 10.1016/j.pbb.2008.10.009**

**Pharmacology Biochemistry and Behavior, 2009, 91, 629-35.**

**Source:** <https://exaly.com/paper-pdf/45845253/citation-report.pdf>

**Version:** 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
67	PDE5 inhibitors in non-urolological conditions. <i>Current Pharmaceutical Design</i> , <b>2009</b> , 15, 3521-39	3.3	24
66	2009 update on phosphodiesterase type 5 inhibitor therapy part 1: Recent studies on routine dosing for penile rehabilitation, lower urinary tract symptoms, and other indications (CME). <i>Journal of Sexual Medicine</i> , <b>2009</b> , 6, 1794-808; quiz 1793, 1809-10	1.1	33
65	The effect of tadalafil on anastomotic healing in ischemic small intestine in rats. <i>Surgery Today</i> , <b>2010</b> , 40, 555-60	3	5
64	Phosphodiesterase-5 inhibitors: novel weapons against Alzheimer's disease?. <i>International Journal of Neuroscience</i> , <b>2010</b> , 120, 746-51	2	17
63	Protective effect of tadalafil on ischemia/reperfusion injury of rat ovary. <i>Journal of Pediatric Surgery</i> , <b>2010</b> , 45, 2203-9	2.6	38
62	Phosphodiesterase type 5 (PDE5) inhibitors for the treatment of erectile dysfunction. <i>Expert Opinion on Pharmacotherapy</i> , <b>2010</b> , 11, 1109-22	4	63
61	The phosphodiesterase type-5 inhibitor, tadalafil, improves depressive symptoms, ameliorates memory impairment, as well as suppresses apoptosis and enhances cell proliferation in the hippocampus of maternal-separated rat pups. <i>Neuroscience Letters</i> , <b>2011</b> , 488, 26-30	3.3	36
60	Protective Effect of Coriolus versicolor Cultivated in Citrus Extract Against Nitric Oxide-Induced Apoptosis in Human Neuroblastoma SK-N-MC Cells. <i>Experimental Neurobiology</i> , <b>2011</b> , 20, 100-9	4	12
59	Therapeutic time window of YGY-E neuroprotection of cerebral ischemic injury in rats. <i>Drug Discoveries and Therapeutics</i> , <b>2011</b> , 5, 76-83	5	8
58	Hypothermia alleviates hypoxic ischemia-induced dopamine dysfunction and memory impairment in rats. <i>Animal Cells and Systems</i> , <b>2011</b> , 15, 279-286	2.3	2
57	The effects of PDE5 inhibitory drugs on renal ischemia/reperfusion injury in rats. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 9775-82	2.8	34
56	Heart rate variability in complex regional pain syndrome during rest and mental and orthostatic stress. <i>Anesthesiology</i> , <b>2012</b> , 116, 133-46	4.3	64
55	Eag1, Eag2, and SK3 potassium channel expression in the rat hippocampus after global transient brain ischemia. <i>Journal of Neuroscience Research</i> , <b>2012</b> , 90, 632-40	4.4	8
54	Hyperbaric oxygen and hyperbaric air treatment result in comparable neuronal death reduction and improved behavioral outcome after transient forebrain ischemia in the gerbil. <i>Experimental Brain Research</i> , <b>2013</b> , 224, 1-14	2.3	29
53	Merit of quinacrine in the decrease of ingested sulfite-induced toxic action in rat brain. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 52, 129-36	4.7	15
52	Ghrelin inhibits sodium metabisulfite induced oxidative stress and apoptosis in rat gastric mucosa. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 56, 154-61	4.7	19
51	Metallothioneins I/II are involved in the neuroprotective effect of sildenafil in focal brain injury. <i>Neurochemistry International</i> , <b>2013</b> , 62, 70-8	4.4	13

50	Design of novel carboline derivatives with pendant 5-bromothieryl and their evaluation as phosphodiesterase-5 inhibitors. <i>Archiv Der Pharmazie</i> , <b>2013</b> , 346, 23-33	4.3	12
49	Dexmedetomidine ameliorates intracerebral hemorrhage-induced memory impairment by inhibiting apoptosis and enhancing brain-derived neurotrophic factor expression in the rat hippocampus. <i>International Journal of Molecular Medicine</i> , <b>2013</b> , 31, 1047-56	4.4	71
48	Treadmill Exercise Alleviates Aging-induced Apoptosis in Rat Cardiac Myocytes. <i>International Journal of Gerontology</i> , <b>2013</b> , 7, 152-157		13
47	Tadalafil crosses the blood-brain barrier and reverses cognitive dysfunction in a mouse model of AD. <i>Neuropharmacology</i> , <b>2013</b> , 64, 114-23	5.5	109
46	Effect of sildenafil citrate in nicotine-induced ischemia: An experimental study using a rat model. <i>Canadian Journal of Plastic Surgery</i> , <b>2013</b> , 21, 217-220		5
45	Impact of Several Types of Stresses on Short-term Memory and Apoptosis in the Hippocampus of Rats. <i>International Neuropsychology Journal</i> , <b>2013</b> , 17, 114-20	2.6	22
44	Treadmill exercise inhibits apoptotic neuronal cell death with suppressed vascular endothelial growth factor expression in the retinas of the diabetic rats. <i>Journal of Exercise Rehabilitation</i> , <b>2013</b> , 9, 348-53	1.8	15
43	Emerging targets in neurodegeneration: new opportunities for Alzheimer's disease treatment?. <i>Current Topics in Medicinal Chemistry</i> , <b>2013</b> , 13, 1879-904	3	16
42	Effect of sildenafil citrate in nicotine-induced ischemia: An experimental study using a rat model. <i>Canadian Journal of Plastic Surgery</i> , <b>2013</b> , 21, 217-220		1
41	Aerobic exercise alleviates ischemia-induced memory impairment by enhancing cell proliferation and suppressing neuronal apoptosis in hippocampus. <i>International Neuropsychology Journal</i> , <b>2014</b> , 18, 187-97	2.6	33
40	. <b>2014</b> ,		1
39	Effects of tadalafil on ischemia/reperfusion injury in rat brain. <i>Acta Neurologica Belgica</i> , <b>2014</b> , 114, 33-40	1.5	3
38	Beyond Erectile Dysfunction: Understanding PDE5 Activity In The Central Nervous System. <b>2014</b> , 223-246		
37	Tadalafil enhances working memory, and reduces hippocampal oxidative stress in both young and aged mice. <i>European Journal of Pharmacology</i> , <b>2014</b> , 745, 84-90	5.3	23
36	Phosphodiesterase inhibition in cognitive decline. <i>Journal of Alzheimer's Disease</i> , <b>2014</b> , 42 Suppl 4, S561-73	4.3	21
35	Effect of phosphodiesterase-5 inhibition on apoptosis and beta amyloid load in aged mice. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 520-31	5.6	66
34	Ulinastatin inhibits cerebral ischemia-induced apoptosis in the hippocampus of gerbils. <i>Molecular Medicine Reports</i> , <b>2015</b> , 12, 1796-802	2.9	25
33	The Relationship between Solubility and Transdermal Absorption of Tadalafil. <i>Advanced Pharmaceutical Bulletin</i> , <b>2015</b> , 5, 411-7	4.5	15

32	Treadmill exercise ameliorates symptoms of Alzheimer disease through suppressing microglial activation-induced apoptosis in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2016</b> , 12, 526-534	1.8	25
31	Dexmedetomidine alleviates cerebral ischemia-induced short-term memory impairment by inhibiting the expression of apoptosis-related molecules in the hippocampus of gerbils. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 13, 107-116	2.1	13
30	Transient Cerebral Ischemia Alters GSK-3 $\beta$ and p-GSK-3 $\beta$ Immunoreactivity in Pyramidal Neurons and Induces p-GSK-3 $\beta$ Expression in Astrocytes in the Gerbil Hippocampal CA1 Area. <i>Neurochemical Research</i> , <b>2017</b> , 42, 2305-2313	4.6	8
29	Differential proteome analysis of hippocampus and temporal cortex using label-free based 2D-LC-MS/MS. <i>Journal of Proteomics</i> , <b>2017</b> , 165, 26-34	3.9	6
28	Phosphodiesterase 5 inhibition as a therapeutic target for ischemic stroke: A systematic review of preclinical studies. <i>Cellular Signalling</i> , <b>2017</b> , 38, 39-48	4.9	22
27	Functional and Structural Evaluation of Sildenafil in a Rat Model of Acute Retinal Ischemia/Reperfusion Injury. <i>Current Eye Research</i> , <b>2017</b> , 42, 452-461	2.9	4
26	Assessing Mongolian gerbil emotional behavior: effects of two shock intensities and response-independent shocks during an extended inhibitory-avoidance task. <i>PeerJ</i> , <b>2017</b> , 5, e4009	3.1	5
25	Evaluation of the colo-protective effects of tadalafil in an experimental model of ulcerative colitis in rats. <i>African Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 11, 385-393	0.5	3
24	p38 $\beta$ mitogen-activated protein kinase gene silencing rescues rat hippocampal neurons from ketamine-induced apoptosis: An in vitro study. <i>International Journal of Molecular Medicine</i> , <b>2018</b> , 42, 1401-1410	4.4	7
23	Inhibition of PDE5 attenuates streptozotocin-induced neuroinflammation and tau hyperphosphorylation in a streptozotocin-treated rat model. <i>Brain Research</i> , <b>2019</b> , 1722, 146344	3.7	4
22	Low Intensity Pulsed Ultrasound Prevents Recurrent Ischemic Stroke in a Cerebral Ischemia/Reperfusion Injury Mouse Model via Brain-derived Neurotrophic Factor Induction. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
21	Phosphodiesterase-5 inhibitors: Shedding new light on the darkness of depression?. <i>Journal of Affective Disorders</i> , <b>2020</b> , 264, 138-149	6.6	4
20	Icariside II, a PDE5 Inhibitor, Suppresses Oxygen-Glucose Deprivation/Reperfusion-Induced Primary Hippocampal Neuronal Death Through Activating the PKG/CREB/BDNF/TrkB Signaling Pathway. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 523	5.6	7
19	Adenosine A2A receptor agonist polydeoxyribonucleotide ameliorates short-term memory impairment by suppressing cerebral ischemia-induced inflammation via MAPK pathway. <i>PLoS ONE</i> , <b>2021</b> , 16, e0248689	3.7	4
18	Tadalafil and bergapten mitigate streptozotocin-induced sporadic Alzheimer's disease in mice via modulating neuroinflammation, PI3K/Akt, Wnt/ $\beta$ -catenin, AMPK/mTOR signaling pathways. <i>Toxicology and Applied Pharmacology</i> , <b>2021</b> , 429, 115697	4.6	5
17	Possible Engagement of Nicotinic Acetylcholine Receptors in Pathophysiology of Brain Ischemia-Induced Cognitive Impairment. <i>Journal of Molecular Neuroscience</i> , <b>2021</b> , 1	3.3	
16	Aqueous extract of Cordyceps alleviates cerebral ischemia-induced short-term memory impairment in gerbils. <i>Journal of Exercise Rehabilitation</i> , <b>2016</b> , 12, 69-78	1.8	12
15	Treadmill exercise ameliorates intracerebral hemorrhage-induced depression in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2016</b> , 12, 299-307	1.8	14

14	Late starting treadmill exercise improves spatial leaning ability through suppressing CREP/BDNF/TrkB signaling pathway following traumatic brain injury in rats. <i>Journal of Exercise Rehabilitation</i> , <b>2018</b> , 14, 327-334	1.8	25
13	cGMP-Phosphodiesterase Inhibition Prevents Hypoxia-Induced Cell Death Activation in Porcine Retinal Explants. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166717	3.7	10
12	Phosphodiesterase inhibitors as therapeutics for traumatic brain injury. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 332-42	3.3	19
11	Neuroprotective effects of tadalafil on gerbil dopaminergic neurons following cerebral ischemia. <i>Neural Regeneration Research</i> , <b>2013</b> , 8, 693-701	4.5	3
10	12 hours after cerebral ischemia is the optimal time for bone marrow mesenchymal stem cell transplantation. <i>Neural Regeneration Research</i> , <b>2015</b> , 10, 904-8	4.5	11
9	Pentoxifylline Alleviates Perinatal Hypoxic-Ischemia-Induced Short-term Memory Impairment by Suppressing Apoptosis in the Hippocampus of Rat Pups. <i>International Neurourology Journal</i> , <b>2016</b> , 20, 107-13	2.6	9
8	Inhibitory Effects of Isoquinoline Alkaloid Berberine on Ischemia-Induced Apoptosis via Activation of Phosphoinositide 3-Kinase/Protein Kinase B Signaling Pathway. <i>International Neurourology Journal</i> , <b>2014</b> , 18, 115-25	2.6	47
7	Alpha1-Adrenoceptor Antagonists Improve Memory by Activating N-methyl-D-Aspartate-Induced Ion Currents in the Rat Hippocampus. <i>International Neurourology Journal</i> , <b>2015</b> , 19, 228-36	2.6	7
6	Sildenafil-Mediated Neuroprotection from Adult to Neonatal Brain Injury: Evidence, Mechanisms, and Future Translation. <i>Cells</i> , <b>2021</b> , 10,	7.9	0
5	Effect of Persian Sage ( <i>Salvia rhytidia</i> ) Extract on Histomorphometric Changes of Cerebral Cortex and Hippocampus Following Ischemia-Reperfusion Injuries in Rat. <i>Zahedan Journal of Researches in Medical Sciences</i> , <b>2016</b> , In Press,	0.9	
4	Effect of acupuncture on short-term memory and apoptosis after transient cerebral ischemia in gerbils. <i>Journal of Korean Medicine</i> , <b>2018</b> , 39, 1-15	0.3	
3	Effect of sildenafil citrate in nicotine-induced ischemia: An experimental study using a rat model. <i>Canadian Journal of Plastic Surgery</i> , <b>2013</b> , 21, 217-20		1
2	The protective effect of tadalafil on IMA (ischemia modified albumin) levels in experimental renal ischemia-reperfusion injury. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 15766-72		3
1	Parental exposure of Tadalafil has beneficial effect on Reflexive Motor Behaviors in Mice Offspring.. <i>International Journal of Developmental Neuroscience</i> , <b>2022</b> ,	2.7	