

# CITATION REPORT

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Phosphodiesterase 5 and effects of sildenafil on cerebral arteries of man and guinea pig

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European Journal of Pharmacology, 2005, 521, 105-14.

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#	Paper	IF	Citations
27	Phosphodiesterase 3 and 5 and cyclic nucleotide-gated ion channel expression in rat trigeminovascular system. <i>Neuroscience Letters</i> , <b>2006</b> , 404, 202-7	3.3	20
26	Phosphodiesterase type 5: expanding roles in cardiovascular regulation. <i>Circulation Research</i> , <b>2007</b> , 101, 1084-95	15.7	164
25	Relaxation of the isolated human internal anal sphincter by sildenafil. <i>British Journal of Surgery</i> , <b>2007</b> , 94, 894-902	5.3	17
24	Role of K <sup>+</sup> and Ca <sup>2+</sup> fluxes in the cerebroarterial vasoactive effects of sildenafil. <i>European Journal of Pharmacology</i> , <b>2008</b> , 581, 138-47	5.3	2
23	Phosphodiesterase-5 inhibitors oppose hyperoxic vasoconstriction and accelerate seizure development in rats exposed to hyperbaric oxygen. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 1234-42	3.7	22
22	Cerebral blood flow regulation by nitric oxide: recent advances. <i>Pharmacological Reviews</i> , <b>2009</b> , 61, 62-97	12.5	263
21	Cerebral haemodynamic response or excitability is not affected by sildenafil. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2009</b> , 29, 830-9	7.3	22
20	Nitric oxide-induced changes in endothelial expression of phosphodiesterases 2, 3, and 5. <i>Headache</i> , <b>2010</b> , 50, 431-41	4.2	7
19	Ibutilast, a mixed PDE3/4 inhibitor, causes a selective and nitric oxide/cGMP-independent relaxation of the intracranial vertebrobasilar artery. <i>European Journal of Pharmacology</i> , <b>2011</b> , 650, 605-11	5.3	7
18	Phosphodiesterases as therapeutic targets for Alzheimer's disease. <i>ACS Chemical Neuroscience</i> , <b>2012</b> , 3, 832-44	5.7	180
17	Differential vasoactive effects of sildenafil and tadalafil on cerebral arteries. <i>European Journal of Pharmacology</i> , <b>2012</b> , 674, 345-51	5.3	17
16	Comparison of responses to vasoactive drugs in human and rat cerebral arteries using myography and pressurized cerebral artery method. <i>Cephalalgia</i> , <b>2013</b> , 33, 152-9	6.1	20
15	Phosphodiesterases 3 and 5 express activity in the trigeminal ganglion and co-localize with calcitonin gene-related peptide. <i>Cephalalgia</i> , <b>2014</b> , 34, 503-13	6.1	9
14	Sildenafil does not enhance but rather attenuates vasorelaxant effects of antidiabetic agents. <i>Journal of Smooth Muscle Research</i> , <b>2015</b> , 51, 22-36	0.4	5
13	Nitric oxide-sensitive guanylyl cyclase signaling affects CO-dependent but not pressure-dependent regulation of cerebral blood flow. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2017</b> , 312, R948-R955	3.2	6
12	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
11	Perfusion by Arterial Spin labelling following Single dose Tadalafil In Small vessel disease (PASTIS): study protocol for a randomised controlled trial. <i>Trials</i> , <b>2017</b> , 18, 229	2.8	13

10	The effect of phosphodiesterase-5 inhibitors on cerebral blood flow in humans: A systematic review. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 189-203	7.3	9
9	Cyclic nucleotide phosphodiesterases (PDEs) and endothelial function in ischaemic stroke. A review. <i>Cellular Signalling</i> , <b>2019</b> , 61, 108-119	4.9	18
8	The cGMP-Degrading Enzyme Phosphodiesterase-5 (PDE5) in Cerebral Small Arteries of Older People. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2019</b> , 78, 191-194	3.1	2
7	Tadalafil may improve cerebral perfusion in small-vessel occlusion stroke-a pilot study. <i>Brain Communications</i> , <b>2020</b> , 2, fcaa020	4.5	2
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	Phosphodiesterase-1 in the cardiovascular system.. <i>Cellular Signalling</i> , <b>2022</b> , 110251	4.9	0
4	Phosphodiesterase-5 Inhibitor Attenuates Anxious Phenotypes and Movement Disorder Induced by Mild Ischemic Stroke in Rats.. <i>Journal of Korean Neurosurgical Society</i> , <b>2022</b> ,	2.3	0
3	The Role of Sildenafil in Treating Brain Injuries in Adults and Neonates. <i>Frontiers in Cellular Neuroscience</i> , <b>2022</b> , 16,	6.1	2
2	A single dose of exenatide had no effect on blood flow velocity in the middle cerebral artery in elderly healthy volunteers: Randomized, placebo-controlled, double-blind clinical trial. <i>Frontiers in Aging Neuroscience</i> , 14,	5.3	0
1	Pharmacological mechanism and therapeutic efficacy of Icariside II in the treatment of acute ischemic stroke: a systematic review and network pharmacological analysis. <b>2022</b> , 22,		0