

CITATION REPORT

List of articles citing

Sildenafil, a PDE5 inhibitor, in the treatment of pulmonary hypertension

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Expert Review of Cardiovascular Therapy, 2006, 4, 293-300.

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#	Paper	IF	Citations
49	Sildenafil promotes ischemia-induced angiogenesis through a PKG-dependent pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1947-54	9.4	69
48	Nitric oxide in the central nervous system: neuroprotection versus neurotoxicity. <i>Nature Reviews Neuroscience</i> , 2007 , 8, 766-75	13.5	948
47	[Severe pulmonary hypertension: implications for anesthesia in laparoscopic surgery]. <i>Revista Española De Anestesiología Y Reanimación</i> , 2008 , 55, 438-41	0.9	3
46	Phosphodiesterase 5 inhibition blocks pressure overload-induced cardiac hypertrophy independent of the calcineurin pathway. <i>Cardiovascular Research</i> , 2009 , 81, 301-9	9.9	40
45	Sildenafil acutely reverses the hypoxic pulmonary vasoconstriction response of the newborn pig. <i>Pediatric Research</i> , 2008 , 64, 251-5	3.2	7
44	Phosphodiesterase 5A inhibitors improve functional recovery after stroke in rats: optimized dosing regimen with implications for mechanism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 331, 842-50	4.7	37
43	Novel crosstalk to BMP signalling: cGMP-dependent kinase I modulates BMP receptor and Smad activity. <i>EMBO Journal</i> , 2009 , 28, 1537-50	13	59
42	Sildenafil attenuates pulmonary inflammation and fibrin deposition, mortality and right ventricular hypertrophy in neonatal hyperoxic lung injury. <i>Respiratory Research</i> , 2009 , 10, 30	7.3	90
41	Emerging therapies for the treatment of pulmonary hypertension. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, S85-90	3	34
40	Use of sildenafil in a liver transplant recipient with acute pulmonary embolism. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2010 , 42, 65-67	0.9	5
39	Inhibition of cGMP phosphodiesterase 5 suppresses matrix metalloproteinase-2 production in pulmonary artery smooth muscles cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2010 , 37, 362-7	3	16
38	Regulation of cAMP by phosphodiesterases in erythrocytes. <i>Pharmacological Reports</i> , 2010 , 62, 475-82	3.9	30
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36	Experimental research on nitric oxide and the therapy of Alzheimer disease: a challenging bridge. <i>CNS and Neurological Disorders - Drug Targets</i> , 2011 , 10, 766-76	2.6	13
35	The ability of phosphodiesterase-5 inhibitors sildenafil and ordonafil to reverse L-NAME induced cardiac hypertrophy in the rabbit: possible role of calcineurin and p38. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012 , 90, 1247-55	2.4	5
34	Regulation of injury-induced neurogenesis by nitric oxide. <i>Stem Cells International</i> , 2012 , 2012, 895659	5	19
33	Smooth Muscle in the Normal and Diseased Pulmonary Circulation. 2012 , 1347-1358		0

32	Phosphodiesterases Regulate BAY 41-2272-Induced VASP Phosphorylation in Vascular Smooth Muscle Cells. <i>Frontiers in Pharmacology</i> , 2012 , 3, 10	5.6	11
31	Anticipated classes of new medications and molecular targets for pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2013 , 3, 226-44	2.7	35
30	Sildenafil citrate protects skeletal muscle of ischemia-reperfusion injury: immunohistochemical study in rat model. <i>Acta Cirurgica Brasileira</i> , 2013 , 28, 282-7	1.6	14
29	Pharmacokinetics and Tolerability of Intravenous Sildenafil in Two Subjects with Child-Turcotte-Pugh Class C Cirrhosis and Renal Dysfunction. <i>Digestive Diseases and Sciences</i> , 2015 , 60, 3491-4	4	0
28	Strategies in early clinical development for the treatment of basic defects of cystic fibrosis. <i>Expert Opinion on Investigational Drugs</i> , 2016 , 25, 423-36	5.9	15
27	Drugs for Treatment of Erectile Dysfunction. 2016 , 783-800		
26	PDE5 Inhibitor Tadalafil and Hydroxychloroquine Cotreatment Provides Synergistic Protection against Type 2 Diabetes and Myocardial Infarction in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 361, 29-38	4.7	5
25	Inhaled sildenafil as an alternative to oral sildenafil in the treatment of pulmonary arterial hypertension (PAH). <i>Journal of Controlled Release</i> , 2017 , 250, 96-106	11.7	23
24	The clinical evidence for targeting human myeloid-derived suppressor cells in cancer patients. <i>Journal of Leukocyte Biology</i> , 2017 , 102, 381-391	6.5	42
23	Sildenafil in Infants and Children. <i>Children</i> , 2017 , 4,	2.8	8
22	Treatment with Sildenafil and Donepezil Improves Angiogenesis in Experimentally Induced Critical Limb Ischemia. <i>BioMed Research International</i> , 2017 , 2017, 9532381	3	6
21	Identification of murine phosphodiesterase 5A isoforms and their functional characterization in HL-1 cardiac cell line. <i>Journal of Cellular Physiology</i> , 2018 , 233, 325-337	7	14
20	Preoperative subcutaneous sildenafil injection increases random flap survival in rats. <i>Acta Cirurgica Brasileira</i> , 2018 , 33, 216-222	1.6	8
19	Combination therapy with bosentan and sildenafil for refractory digital ulcers and Raynaud's phenomenon in a 30-year-old woman with systemic sclerosis: Case report and literature review.. <i>Journal of Scleroderma and Related Disorders</i> , 2020 , 5, 159-164	2.3	
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16	Studies on metal-organic framework (MOF) nanomedicine preparations of sildenafil for the future treatment of pulmonary arterial hypertension. <i>Scientific Reports</i> , 2021 , 11, 4336	4.9	4
15	Formulation and optimization of sildenafil citrate-loaded PLGA large porous microparticles using spray freeze-drying technique: A factorial design and in-vivo pharmacokinetic study. <i>International Journal of Pharmaceutics</i> , 2021 , 597, 120320	6.5	6

14	The mitochondrial Na ⁺ /Ca ²⁺ exchanger, NCLX, mediates PDE2 dependent neuronal survival and learning.		
13	Tadalafil Promotes the Recovery of Peripheral Neuropathy in Type II Diabetic Mice. <i>PLoS ONE</i> , 2016 , 11, e0159665	3.7	15
12	Riociguat and sildenafil for pulmonary hypertension: similarity and difference. <i>Pulmonologiya</i> , 2016 , 26, 85-91	0.8	4
11	Optimization of specific therapy for pulmonary hypertension: the possibilities of riociguat. <i>Terapevticheskii Arkhiv</i> , 2021 , 93, 1117-1124	0.9	1
10	Endothelial Regulation of Pulmonary Vascular Tone. 2011 , 167-195		
9	Nitrogen oxide biochemical pathway in pulmonary arterial hypertension therapy and REPLACE trial results. <i>Systemic Hypertension</i> , 2018 , 15, 72-76	1.6	2
8	Chronic myocardial damage in idiopathic pulmonary arterial hypertension: a clinical case. <i>Systemic Hypertension</i> , 2018 , 15, 83-90	1.6	
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6	Strategies for the management of pulmonary arterial hypertension in patients with congenital heart disease. <i>Journal of Congenital Cardiology</i> , 2020 , 4,	1	0
5	Tadalafil: the evidence for its clinical potential in the treatment of pulmonary arterial hypertension. <i>Core Evidence</i> , 2008 , 2, 225-31	4.9	2
4	EXPERIENCE OF IDIOPATHIC PULMONARY ARTERIAL HYPERTENSION PATIENTS MANAGEMENT IN URAL FEDERAL DISTRICT: FEATURES OF OUTPATIENT-HOSPITAL INTERACTIONS. <i>Eurasian Heart Journal</i> , 2019 , 14-28	0.7	
3	Treating diabetes with combination of phosphodiesterase 5 inhibitors and hydroxychloroquine – possible prevention strategy for COVID-19?.		0
2	Polymeric hydrogel forming microneedle-mediated transdermal delivery of sildenafil citrate from direct-compressed tablet reservoir for potential improvement of pulmonary hypertension therapy. 2022 , 122549		0
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