Citation Report
List of articles citing

Sildenafil in hypoxic pulmonary hypertension potentiates a compensatory up-regulation of NO-cGMP signaling

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#	Paper	IF	Citations
36	Sildenafil augments the beneficial hemodynamic and histopathological effects of amlodipine in nitric oxide-deficient hypertensive rats: role of nitric oxide-cyclic GMP pathway. *Pharmacological Research*, **2008**, 57, 456-63	10.2	8
35	Muscarinic receptor M1 and phosphodiesterase 1 are key determinants in pulmonary vascular dysfunction following perinatal hypoxia in mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2008**, 295, L201-13	5.8	20
34	Sildenafil acutely reverses the hypoxic pulmonary vasoconstriction response of the newborn pig. *Pediatric Research*, **2008**, 64, 251-5	3.2	7
33	Estrogen ameliorates trauma-hemorrhage-induced lung injury via endothelial nitric oxide synthase-dependent activation of protein kinase G. *Annals of Surgery*, **2008**, 248, 294-302	7.8	22
32	PDE5 inhibitors in non-urological conditions. *Current Pharmaceutical Design*, **2009**, 15, 3521-39	3.3	24
31	NO- and haem-independent soluble guanylate cyclase activators. *Handbook of Experimental Pharmacology*, **2009**, 309-39	3.2	108
30	Cardiovascular effects of phosphodiesterase type 5 inhibitors. *Journal of Sexual Medicine*, **2009**, 6, 658-74	4.1	38
29	Inhibition of cGMP phosphodiesterase 5 suppresses serotonin signalling in pulmonary artery smooth muscles cells. *Pharmacological Research*, **2009**, 59, 312-8	10.2	17
28	Drug repositioning using in silico compound profiling. *Future Medicinal Chemistry*, **2009**, 1, 1723-36	4.1	25
27	Inhibition of SOC/Ca2+/NFAT pathway is involved in the anti-proliferative effect of sildenafil on pulmonary artery smooth muscle cells. *Respiratory Research*, **2009**, 10, 123	7.3	56
26	cGMP: Generators, Effectors and Therapeutic Implications. *Handbook of Experimental Pharmacology* , **2009**,	3.2	13
25	Nitric oxide, oxidative stress and inflammation in pulmonary arterial hypertension. *Journal of Hypertension*, **2010**, 28, 201-12	1.9	113
24	The xanthine derivative KMUP-1 inhibits models of pulmonary artery hypertension via increased NO and cGMP-dependent inhibition of RhoA/Rho kinase. *British Journal of Pharmacology*, **2010**, 160, 971-86	8.6	37
23	Inhibition of cGMP phosphodiesterase 5 suppresses matrix metalloproteinase-2 production in pulmonary artery smooth muscles cells. *Clinical and Experimental Pharmacology and Physiology*, **2010**, 37, 362-7	3	16
22	Sildenafil improves diabetic vascular activity through suppressing endothelin receptor A, iNOS and NADPH oxidase which is comparable with the endothelin receptor antagonist CPU0213 in STZ-injected rats. *Journal of Pharmacy and Pharmacology*, **2011**, 63, 943-51	4.8	16
21	KMUP-1 inhibits H441 lung epithelial cell growth, migration and proinflammation via increased NO/CGMP and inhibited RHO kinase/VEGF signaling pathways. *International Journal of Immunopathology and Pharmacology*, **2011**, 24, 925-39	3	8
20	Increased plasma and salivary nitrite and decreased bronchial contribution to exhaled NO in pulmonary arterial hypertension. *European Journal of Clinical Investigation*, **2011**, 41, 889-97	4.6	13

19	NOX1, 2, 4, 5: counting out oxidative stress. *British Journal of Pharmacology*, **2011**, 164, 866-83	8.6	86
18	Milrinone attenuates thromboxane receptor-mediated hyperresponsiveness in hypoxic pulmonary arterial myocytes. *British Journal of Pharmacology*, **2011**, 163, 1223-36	8.6	19
17	Hypoxia induces downregulation of soluble guanylyl cyclase β1 by miR-34c-5p. *Journal of Cell Science*, **2012**, 125, 6117-26	5.3	27
16	Reactive oxygen and nitrogen species in pulmonary hypertension. *Free Radical Biology and Medicine* , **2012**, 52, 1970-86	7.8	138
15	Sildenafil protects against nitric oxide deficiency-related nephrotoxicity in cyclosporine A treated rats. *European Journal of Pharmacology*, **2013**, 705, 126-34	5.3	24
14	Effects of dimethylarginine dimethylaminohydrolase-1 overexpression on the response of the pulmonary vasculature to hypoxia. *American Journal of Respiratory Cell and Molecular Biology*, **2013**, 49, 491-500	5.7	15
13	Antioxidant effects of phosphodiesterase-5 inhibitors: reply. *Cardiovascular Research*, **2013**, 100, 170-1	9.9	
12	The phosphodiesterase-5 inhibitor vardenafil reduces oxidative stress while reversing pulmonary arterial hypertension. *Cardiovascular Research*, **2013**, 99, 395-403	9.9	45
11	Effects of sildenafil on the gastrocnemius and cardiac muscles of rats in a model of prolonged moderate exercise training. *PLoS ONE*, **2013**, 8, e69954	3.7	20
10	The role of phosphodiesterase inhibitors in the management of pulmonary vascular diseases. *Global Cardiology Science & Practice*, **2014**, 2014, 257-90	0.7	10
9	Meta-analysis of clinical efficacy of sildenafil, a phosphodiesterase type-5 inhibitor on high altitude hypoxia and its complications. *High Altitude Medicine and Biology*, **2014**, 15, 46-51	1.9	18
8	Endothelial nitric oxide synthase-enhancing G-protein coupled receptor antagonist inhibits pulmonary artery hypertension by endothelin-1-dependent and endothelin-1-independent pathways in a monocrotaline model. *Kaohsiung Journal of Medical Sciences*, **2014**, 30, 267-78	2.4	13
7	Buffered l-ascorbic acid, alone or bound to KMUP-1 or sildenafil, reduces vascular endothelium growth factor and restores endothelium nitric oxide synthase in hypoxic pulmonary artery. *Kaohsiung Journal of Medical Sciences*, **2015**, 31, 241-54	2.4	3
6	Drug Use and Misuse in the Mountains: A UIAA MedCom Consensus Guide for Medical Professionals. *High Altitude Medicine and Biology*, **2016**, 17, 157-184	1.9	13
5	Clinical relevance of cyclic GMP modulators: A translational success story of network pharmacology. *Clinical Pharmacology and Therapeutics*, **2016**, 99, 360-2	6.1	11
4	Exploration of the effect of pulmonary fibrosis on erectile function in rats: A study based on bioinformatics and experimental research. *Andrologia*, **2021**, 53, e14085	2.4	1
3	Smooth muscle cell CYB5R3 preserves cardiac and vascular function under chronic hypoxic stress. *Journal of Molecular and Cellular Cardiology*, **2021**, 162, 72-80	5.8	1
2	cGMP in the vasculature. *Handbook of Experimental Pharmacology*, **2009**, 447-67	3.2	39

1	Aberrant cGMP signaling persists during recovery in mice with oxygen-induced pulmonary hypertension. *PLoS ONE*, **2017**, 12, e0180957	3.7	8