Carlos Alan Dias-Junior

List of Publications by Year
in descending order

26	562	566801 15	610482 24
papers	citations	h-index	g-index

27	27	27	576
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sildenafil selectively inhibits acute pulmonary embolism-induced pulmonary hypertension. Pulmonary Pharmacology and Therapeutics, 2005, 18, 181-186.	1.1	79
2	The Effect of Sildenafil on Pulmonary Embolism-Induced Oxidative Stress and Pulmonary Hypertension. Anesthesia and Analgesia, 2005, 101, 115-120.	1.1	77
3	Hemodynamic effects of sildenafil interaction with a nitric oxide donor compound in a dog model of acute pulmonary embolism. Life Sciences, 2006, 79, 469-474.	2.0	40
4	Nitrite or sildenafil, but not BAY 41-2272, blunt acute pulmonary embolism-induced increases in circulating matrix metalloproteinase-9 and oxidative stress. Thrombosis Research, 2009, 124, 349-355.	0.8	32
5	Hemodynamic effects of inducible nitric oxide synthase inhibition combined with sildenafil during acute pulmonary embolism. Nitric Oxide - Biology and Chemistry, 2010, 23, 284-288.	1.2	30
6	Sildenafil Improves the Beneficial Haemodynamic Effects of Intravenous Nitrite Infusion during Acute Pulmonary Embolism. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 374-379.	1.2	28
7	Sildenafil improves the beneficial hemodynamic effects exerted by atorvastatin during acute pulmonary thromboembolism. European Journal of Pharmacology, 2011, 670, 554-560.	1.7	25
8	Metalloproteinase Inhibition Protects against Reductions in Circulating Adrenomedullin during Leadâ€induced Acute Hypertension. Basic and Clinical Pharmacology and Toxicology, 2015, 116, 508-515.	1.2	24
9	Sodium nitrite attenuates hypertension-in-pregnancy and blunts increases in soluble fms-like tyrosine kinase-1 and in vascular endothelial growth factor. Nitric Oxide - Biology and Chemistry, 2016, 57, 71-78.	1.2	24
10	Placental nitric oxide formation and endotheliumâ€dependent vasodilation underlie pravastatin effects against angiogenic imbalance, hypertension in pregnancy and intrauterine growth restriction. Basic and Clinical Pharmacology and Toxicology, 2019, 124, 385-393.	1.2	24
11	Sevoflurane Induces DNA Damage Whereas Isoflurane Leads to Higher Antioxidative Status in Anesthetized Rats. BioMed Research International, 2015, 2015, 1-6.	0.9	20
12	Sodium hydrosulfide prevents hypertension and increases in vascular endothelial growth factor and soluble fms-like tyrosine kinase-1 in hypertensive pregnant rats. Naunyn-Schmiedeberg's Archives of Pharmacology, 2016, 389, 1325-1332.	1.4	19
13	Elevated Plasma Hemoglobin Levels Increase Nitric Oxide Consumption in Experimental and Clinical Acute Pulmonary Thromboembolism*. Critical Care Medicine, 2013, 41, e118-e124.	0.4	17
14	Angiogenic imbalance and diminished matrix metalloproteinase-2 and -9 underlie regional decreases in uteroplacental vascularization and feto-placental growth in hypertensive pregnancy. Biochemical Pharmacology, 2017, 146, 101-116.	2.0	17
15	Reductions of Circulating Nitric Oxide are Followed by Hypertension during Pregnancy and Increased Activity of Matrix Metalloproteinases-2 and -9 in Rats. Cells, 2019, 8, 1402.	1.8	16
16	Clinical and Experimental Evidences of Hydrogen Sulfide Involvement in Lead-Induced Hypertension. BioMed Research International, 2018, 2018, 1-13.	0.9	14
17	Exposure to fipronil elevates systolic blood pressure and disturbs related biomarkers in plasma of rats. Environmental Toxicology and Pharmacology, 2016, 42, 63-68.	2.0	11
18	Adrenomedullin induces pulmonary vasodilation but does not attenuate pulmonary hypertension in a sheep model of acute pulmonary embolism. Life Sciences, 2015, 139, 139-144.	2.0	10

#	Article	IF	Citations
19	Sodium Nitrite Prevents both Reductions in Circulating Nitric Oxide and Hypertension in 7â€Day Leadâ€Treated Rats. Basic and Clinical Pharmacology and Toxicology, 2016, 118, 225-230.	1.2	10
20	Hypertension, augmented activity of matrix metalloproteinases-2 and -9 and angiogenic imbalance in hypertensive pregnancy are attenuated by doxycycline. European Journal of Pharmacology, 2018, 840, 60-69.	1.7	9
21	Increases in placental nitric oxide, but not nitric oxideâ€mediated relaxation, underlie the improvement in placental efficiency and antihypertensive effects of hydrogen sulphide donor in hypertensive pregnancy. Clinical and Experimental Pharmacology and Physiology, 2018, 45, 1118-1127.	0.9	9
22	Effects of different inspired oxygen fractions on sildenafil-induced pulmonary anti-hypertensive effects in a sheep model of acute pulmonary embolism. Life Sciences, 2015, 127, 26-31.	2.0	7
23	Maternal hypertension and feto-placental growth restriction is reversed by sildenafil: Evidence of independent effects of circulating nitric oxide levels. European Journal of Pharmacology, 2018, 822, 119-127.	1.7	7
24	Effects of fast versus slow-releasing hydrogen sulfide donors in hypertension in pregnancy and fetoplacental growth restriction. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 1561-1568.	1.4	7
25	Anticontractile Effect of Perivascular Adipose Tissue But Not of Endothelium Is Enhanced by Hydrogen Sulfide Stimulation in Hypertensive Pregnant Rat Aortae. Journal of Cardiovascular Pharmacology, 2020, 76, 715-729.	0.8	5
26	Cardiac myeloperoxidase activity is elevated in hypertensive pregnant rats. Current Medical Science, 2017, 37, 904-909.	0.7	1