

Javier Moral-Sanz

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

642
citations

516710

16
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

1057
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of neutral sphingomyelinase is involved in acute hypoxic pulmonary vasoconstriction. <i>Cardiovascular Research</i> , 2008, 82, 296-302.	3.8	94
2	The Flavonoid Quercetin Reverses Pulmonary Hypertension in Rats. <i>PLoS ONE</i> , 2014, 9, e114492.	2.5	62
3	Diabetes induces pulmonary artery endothelial dysfunction by NADPH oxidase induction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L727-L732.	2.9	61
4	Neutral sphingomyelinase, NADPH oxidase and reactive oxygen species. Role in acute hypoxic pulmonary vasoconstriction. <i>Journal of Cellular Physiology</i> , 2011, 226, 2633-2640.	4.1	41
5	Ceramide Mediates Acute Oxygen Sensing in Vascular Tissues. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1-14.	5.4	39
6	Maturation of O ₂ sensing and signaling in the chicken ductus arteriosus. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L619-L630.	2.9	33
7	AMP-activated protein kinase inhibits K _v 1.5 channel currents of pulmonary arterial myocytes in response to hypoxia and inhibition of mitochondrial oxidative phosphorylation. <i>Journal of Physiology</i> , 2016, 594, 4901-4915.	2.9	33
8	Different patterns of pulmonary vascular disease induced by type 1 diabetes and moderate hypoxia in rats. <i>Experimental Physiology</i> , 2012, 97, 676-686.	2.0	31
9	The LKB1-AMPK- β 1 signaling pathway triggers hypoxic pulmonary vasoconstriction downstream of mitochondria. <i>Science Signaling</i> , 2018, 11, .	3.6	27
10	Pulmonary Vascular Dysfunction Induced by High Tidal Volume Mechanical Ventilation*. <i>Critical Care Medicine</i> , 2013, 41, e149-e155.	0.9	26
11	Ceramide inhibits K _v currents and contributes to TP-receptor-induced vasoconstriction in rat and human pulmonary arteries. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C186-C194.	4.6	25
12	Celecoxib blocks cardiac Kv1.5, Kv4.3 and Kv7.1 (KCNQ1) channels. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 984-992.	1.9	24
13	Pulmonary arterial dysfunction in insulin resistant obese Zucker rats. <i>Respiratory Research</i> , 2011, 12, 51.	3.6	24
14	Activation of K _v 7 channels as a novel mechanism for NO/cGMP-induced pulmonary vasodilation. <i>British Journal of Pharmacology</i> , 2019, 176, 2131-2145.	5.4	23
15	Type 1 Diabetes-Induced Hyper-Responsiveness to 5-Hydroxytryptamine in Rat Pulmonary Arteries via Oxidative Stress and Induction of Cyclooxygenase-2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 400-407.	2.5	21
16	The emerging role of AMPK in the regulation of breathing and oxygen supply. <i>Biochemical Journal</i> , 2016, 473, 2561-2572.	3.7	19
17	Modulation of the LKB1-AMPK Signalling Pathway Underpins Hypoxic Pulmonary Vasoconstriction and Pulmonary Hypertension. <i>Advances in Experimental Medicine and Biology</i> , 2015, 860, 89-99.	1.6	16
18	Activation of PPAR γ prevents hyperglycaemia-induced impairment of Kv7 channels and cAMP-mediated relaxation in rat coronary arteries. <i>Clinical Science</i> , 2016, 130, 1823-1836.	4.3	10

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19	Hypoxia-induced contraction of chicken embryo mesenteric arteries: mechanisms and developmental changes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R858-R869.	1.8	9
20	Pulmonary Vascular Function in Insulin Resistance and Diabetes. <i>Current Vascular Pharmacology</i> , 2014, 12, 473-482.	1.7	9
21	Hypoxic pulmonary vasoconstriction, carotid body function and erythropoietin production in adult rats perinatally exposed to hyperoxia. <i>Journal of Physiology</i> , 2015, 593, 2459-2477.	2.9	7
22	ERK and mTORC1 Inhibitors Enhance the Anti-Cancer Capacity of the Octpep-1 Venom-Derived Peptide in Melanoma BRAF(V600E) Mutations. <i>Toxins</i> , 2021, 13, 146.	3.4	7
23	The structural conformation of the tachykinin domain drives the anti-tumoral activity of an octopus peptide in melanoma BRAF ^{V600E} . <i>British Journal of Pharmacology</i> , 0, , .	5.4	1
24	Celecoxib Blocks Cardiac Kv1.5, Kv4.3 and Kv7.1 (KCNQ1) Channels. Effects on Cardiac Action Potentials. <i>Biophysical Journal</i> , 2011, 100, 429a.	0.5	0