Javier Moral-Sanz

List of Publications by Year
in descending order

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	ERK and mTORC1 Inhibitors Enhance the Anti-Cancer Capacity of the Octpep-1 Venom-Derived Peptide in Melanoma BRAF(V600E) Mutations. Toxins, 2021, 13, 146.	3.4	7
2	Activation of K_v7 channels as a novel mechanism for NO/cGMPâ€induced pulmonary vasodilation. British Journal of Pharmacology, 2019, 176, 2131-2145.	5.4	23
3	The LKB1â€“AMPK-Î±1 signaling pathway triggers hypoxic pulmonary vasoconstriction downstream of mitochondria. Science Signaling, 2018, 11, .	3.6	27
4	The emerging role of AMPK in the regulation of breathing and oxygen supply. Biochemical Journal, 2016, 473, 2561-2572.	3.7	19
5	Activation of PPARÎ²/Î´ prevents hyperglycaemia-induced impairment of Kv7 channels and cAMP-mediated relaxation in rat coronary arteries. Clinical Science, 2016, 130, 1823-1836.	4.3	10
6	Hypoxia-induced contraction of chicken embryo mesenteric arteries: mechanisms and developmental changes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R858-R869.	1.8	9
7	AMPâ€activated protein kinase inhibits K_v1.5 channel currents of pulmonary arterial myocytes in response to hypoxia and inhibition of mitochondrial oxidative phosphorylation. Journal of Physiology, 2016, 594, 4901-4915.	2.9	33
8	Hypoxic pulmonary vasoconstriction, carotid body function and erythropoietin production in adult rats perinatally exposed to hyperoxia. Journal of Physiology, 2015, 593, 2459-2477.	2.9	7
9	Modulation of the LKB1-AMPK Signalling Pathway Underpins Hypoxic Pulmonary Vasoconstriction and Pulmonary Hypertension. Advances in Experimental Medicine and Biology, 2015, 860, 89-99.	1.6	16
10	The Flavonoid Quercetin Reverses Pulmonary Hypertension in Rats. PLoS ONE, 2014, 9, e114492.	2.5	62
11	Ceramide Mediates Acute Oxygen Sensing in Vascular Tissues. Antioxidants and Redox Signaling, 2014, 20, 1-14.	5.4	39
12	Pulmonary Vascular Function in Insulin Resistance and Diabetes. Current Vascular Pharmacology, 2014, 12, 473-482.	1.7	9
13	Pulmonary Vascular Dysfunction Induced by High Tidal Volume Mechanical Ventilation*. Critical Care Medicine, 2013, 41, e149-e155.	0.9	26
14	Different patterns of pulmonary vascular disease induced by type 1 diabetes and moderate hypoxia in rats. Experimental Physiology, 2012, 97, 676-686.	2.0	31
15	Celecoxib Blocks Cardiac Kv1.5, Kv4.3 and Kv7.1 (KCNQ1) Channels. Effects on Cardiac Action Potentials. Biophysical Journal, 2011, 100, 429a.	0.5	0
16	Pulmonary arterial dysfunction in insulin resistant obese Zucker rats. Respiratory Research, 2011, 12, 51.	3.6	24
17	Neutral sphingomyelinase, NADPH oxidase and reactive oxygen species. Role in acute hypoxic pulmonary vasoconstriction. Journal of Cellular Physiology, 2011, 226, 2633-2640.	4.1	41
18	Type 1 Diabetes-Induced Hyper-Responsiveness to 5-Hydroxytryptamine in Rat Pulmonary Arteries via Oxidative Stress and Induction of Cyclooxygenase-2. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 400-407.	2.5	21

#	Article	IF	Citations
19	Ceramide inhibits K_v currents and contributes to TP-receptor-induced vasoconstriction in rat and human pulmonary arteries. American Journal of Physiology - Cell Physiology, 2011, 301, C186-C194.	4.6	25
20	Celecoxib blocks cardiac Kv1.5, Kv4.3 and Kv7.1 (KCNQ1) channels. Journal of Molecular and Cellular Cardiology, 2010, 49, 984-992.	1.9	24
21	Maturation of O₂ sensing and signaling in the chicken ductus arteriosus. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L619-L630.	2.9	33
22	Activation of neutral sphingomyelinase is involved in acute hypoxic pulmonary vasoconstriction. Cardiovascular Research, 2008, 82, 296-302.	3.8	94
23	Diabetes induces pulmonary artery endothelial dysfunction by NADPH oxidase induction. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L727-L732.	2.9	61
24	The structural conformation of the tachykinin domain drives the antiâ€tumoral activity of an octopus peptide in melanoma BRAF ^{V600E}. British Journal of Pharmacology, 0, , .	5.4	1