

# Daniel Morales-Cano

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

711  
citations

566801

15  
h-index

552369

26  
g-index

38  
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38  
docs citations

38  
times ranked

1274  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Flavonoid Quercetin Reverses Pulmonary Hypertension in Rats. <i>PLoS ONE</i> , 2014, 9, e114492.	1.1	62
2	Pulmonary Arterial Hypertension Affects the Rat Gut Microbiome. <i>Scientific Reports</i> , 2018, 8, 9681.	1.6	56
3	Kv7 channels critically determine coronary artery reactivity: left-right differences and down-regulation by hyperglycaemia. <i>Cardiovascular Research</i> , 2015, 106, 98-108.	1.8	55
4	Role of acid sphingomyelinase and IL-6 as mediators of endotoxin-induced pulmonary vascular dysfunction. <i>Thorax</i> , 2017, 72, 460-471.	2.7	53
5	Apoptosis induced by paclitaxel via Bcl-2, Bax and caspases 3 and 9 activation in NB4 human leukaemia cells is not modulated by ERK inhibition. <i>Experimental and Toxicologic Pathology</i> , 2013, 65, 1101-1108.	2.1	51
6	miRâ€1 is increased in pulmonary hypertension and downregulates Kv1.5 channels in rat pulmonary arteries. <i>Journal of Physiology</i> , 2019, 597, 1185-1197.	1.3	51
7	Ceramide Mediates Acute Oxygen Sensing in Vascular Tissues. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1-14.	2.5	39
8	Chemical and biological assessment of metal organic frameworks (MOFs) in pulmonary cells and in an acute in vivo model: relevance to pulmonary arterial hypertension therapy. <i>Pulmonary Circulation</i> , 2017, 7, 643-653.	0.8	33
9	Different patterns of pulmonary vascular disease induced by type 1 diabetes and moderate hypoxia in rats. <i>Experimental Physiology</i> , 2012, 97, 676-686.	0.9	31
10	Th2 CD4 <sup>+</sup> T Cells Are Necessary and Sufficient for Schistosomaâ€ Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , 2019, 8, e013111.	1.6	27
11	Pulmonary Vascular Dysfunction Induced by High Tidal Volume Mechanical Ventilation*. <i>Critical Care Medicine</i> , 2013, 41, e149-e155.	0.4	26
12	Functional Assembly of Kv7.1/Kv7.5 Channels With Emerging Properties on Vascular Muscle Physiology. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1522-1530.	1.1	26
13	Uncovered Contribution of Kv7 Channels to Pulmonary Vascular Tone in Pulmonary Arterial Hypertension. <i>Hypertension</i> , 2020, 76, 1134-1146.	1.3	25
14	Activation of K <sub>v</sub> 7 channels as a novel mechanism for NO/cGMPâ€induced pulmonary vasodilation. <i>British Journal of Pharmacology</i> , 2019, 176, 2131-2145.	2.7	23
15	HIV transgene expression impairs K <sup>+</sup> channel function in the pulmonary vasculature. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L711-L723.	1.3	19
16	Vitamin D deficiency downregulates TASK-1 channels and induces pulmonary vascular dysfunction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L627-L640.	1.3	19
17	Fibrous Caps in Atherosclerosis Form by Notch-Dependent Mechanisms Common to Arterial Media Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, e427-e439.	1.1	18
18	Riociguat versus sildenafil on hypoxic pulmonary vasoconstriction and ventilation/perfusion matching. <i>PLoS ONE</i> , 2018, 13, e0191239.	1.1	15

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19	miR-1 induces endothelial dysfunction in rat pulmonary arteries. <i>Journal of Physiology and Biochemistry</i> , 2019, 75, 519-529.	1.3	14
20	Elevated pulmonary arterial pressure in Zucker diabetic fatty rats. <i>PLoS ONE</i> , 2019, 14, e0211281.	1.1	13
21	Spontaneous Pulmonary Hypertension Associated With Systemic Sclerosis in P-selectin Glycoprotein Ligand Deficient Mice. <i>Arthritis and Rheumatology</i> , 2020, 72, 477-487.	2.9	13
22	Activation of PPAR $\gamma$ prevents hyperglycaemia-induced impairment of Kv7 channels and cAMP-mediated relaxation in rat coronary arteries. <i>Clinical Science</i> , 2016, 130, 1823-1836.	1.8	10
23	Effects of Quercetin in a Rat Model of Hemorrhagic Traumatic Shock and Reperfusion. <i>Molecules</i> , 2016, 21, 1739.	1.7	9
24	Dietary Cocoa Prevents Aortic Remodeling and Vascular Oxidative Stress in Diabetic Rats. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900044.	1.5	8
25	Restoration of Vitamin D Levels Improves Endothelial Function and Increases TASK-Like K <sup>+</sup> Currents in Pulmonary Arterial Hypertension Associated with Vitamin D Deficiency. <i>Biomolecules</i> , 2021, 11, 795.	1.8	8
26	Oxygen-Sensitivity and Pulmonary Selectivity of Vasodilators as Potential Drugs for Pulmonary Hypertension. <i>Antioxidants</i> , 2021, 10, 155.	2.2	5
27	THU0355...IGURATIMOD MIGHT TREAT SCLERODERMA WITH INTERRUPTED EGR1/TGF- $\beta$ LOOP. , 2019, , .		1
28	Possible pathophysiological role of vitamin D deficit in pulmonary arterial hypertension. , 2018, , .		1
29	THU0351...LOW ER $\alpha$ EXPRESSION MIGHT BE IMPLICATED IN THE DEVELOPMENT OF PULMONARY HYPERTENSION IN FEMALE MICE LACKING PSGL-1. , 2019, , .		0
30	Monosodium urate crystals stimulate IL-6 production via TAK1 and induce pulmonary vascular dysfunction. , 2015, , .		0
31	Antiproliferative effects of drugs affecting different signalling pathways on rat and human pulmonary artery smooth muscle cells. , 2015, , .		0
32	Depletion of vitamin D aggravates pulmonary arterial hypertension. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, OR1-5.	0.0	0
33	Evaluation of a combination therapy using riociguat and a TAK-1 inhibitor in the Sugen 5416/hypoxia rat model of pulmonary arterial hypertension. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-3-40.	0.0	0
34	Activation of Kv7 contributes to the relaxant effects of the NO/cGMP pathway in the pulmonary circulation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO2-3-42.	0.0	0
35	Pulmonary Arterial Hypertension Affects the Rat Gut Microbiome. , 2018, , .		0
36	Kv1.5 channels and endothelium-dependent relaxation are downregulated by miR-1 in rat pulmonary arteries.. , 2018, , .		0

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37	Monosodium urate crystals exacerbate acute lung injury induced by lipopolysaccharide.. , 2018, , .		0