

# Laura Moreno

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1930027/publications.pdf>

Version: 2024-02-01

101  
papers

3,455  
citations

126708

33  
h-index

149479

56  
g-index

103  
all docs

103  
docs citations

103  
times ranked

4984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Un intento de reducir intervenciones quirúrgicas innecesarias... ¿Pueden ayudar las características ecográficas a diferenciar el adenoma del carcinoma en las neoplasias tiroideas foliculares?. Radiología, 2023, 65, 22-31.	0.3	0
2	Oxygen-Sensitivity and Pulmonary Selectivity of Vasodilators as Potential Drugs for Pulmonary Hypertension. Antioxidants, 2021, 10, 155.	2.2	5
3	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. Biomolecules, 2021, 11, 795.	1.8	8
4	Interleukin-6 and intrapulmonary shunt. European Respiratory Journal, 2021, 58, 2101292.	3.1	3
5	Extracellular Vesicles and Alveolar Epithelial-Capillary Barrier Disruption in Acute Respiratory Distress Syndrome: Pathophysiological Role and Therapeutic Potential. Frontiers in Physiology, 2021, 12, 752287.	1.3	8
6	Serum MicroRNAs as Biomarkers of Sepsis and Resuscitation. Applied Sciences (Switzerland), 2021, 11, 11549.	1.3	1
7	Na <sup>+</sup> controls hypoxic signalling by the mitochondrial respiratory chain. Nature, 2020, 586, 287-291.	13.7	139
8	Vitamin D deficiency downregulates TASK-1 channels and induces pulmonary vascular dysfunction. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L627-L640.	1.3	19
9	Uncovered Contribution of Kv7 Channels to Pulmonary Vascular Tone in Pulmonary Arterial Hypertension. Hypertension, 2020, 76, 1134-1146.	1.3	25
10	Novel in vivo tracing of the hepatocyte origin of extracellular vesicles in mice with experimental liver disease. Journal of Hepatology, 2020, 73, S224-S225.	1.8	0
11	Liver-lung interactions in acute respiratory distress syndrome. Intensive Care Medicine Experimental, 2020, 8, 48.	0.9	21
12	Intestinal Epithelial Cell-Derived Extracellular Vesicles Modulate Hepatic Injury via the Gut-Liver Axis During Acute Alcohol Injury. Frontiers in Pharmacology, 2020, 11, 603771.	1.6	17
13	Total, Bioavailable, and Free Vitamin D Levels and Their Prognostic Value in Pulmonary Arterial Hypertension. Journal of Clinical Medicine, 2020, 9, 448.	1.0	20
14	miR-1 induces endothelial dysfunction in rat pulmonary arteries. Journal of Physiology and Biochemistry, 2019, 75, 519-529.	1.3	14
15	Ceramide and Regulation of Vascular Tone. International Journal of Molecular Sciences, 2019, 20, 411.	1.8	55
16	Elevated pulmonary arterial pressure in Zucker diabetic fatty rats. PLoS ONE, 2019, 14, e0211281.	1.1	13
17	Reactive oxygen species as mediators of oxygen signaling during fetal-to-neonatal circulatory transition. Free Radical Biology and Medicine, 2019, 142, 82-96.	1.3	19
18	Activation of K <sub>v</sub> 7 channels as a novel mechanism for NO/cGMP-induced pulmonary vasodilation. British Journal of Pharmacology, 2019, 176, 2131-2145.	2.7	23

#	ARTICLE	IF	CITATIONS
19	Exploring clinical, echocardiographic and molecular biomarkers to predict bronchopulmonary dysplasia. PLoS ONE, 2019, 14, e0213210.	1.1	25
20	Effects of Schistosoma Mansoni and HIV-1 Co-Exposure on Pulmonary Vascular Pathology. , 2019, , .		3
21	Preventing bronchopulmonary dysplasia: new tools for an old challenge. Pediatric Research, 2019, 85, 432-441.	1.1	35
22	Fas activation alters tight junction proteins in acute lung injury. Thorax, 2019, 74, 69-82.	2.7	35
23	miR-1 is increased in pulmonary hypertension and downregulates Kv1.5 channels in rat pulmonary arteries. Journal of Physiology, 2019, 597, 1185-1197.	1.3	51
24	Off-label mesenchymal stromal cell treatment in two infants with severe bronchopulmonary dysplasia: clinical course and biomarkers profile. Cytotherapy, 2018, 20, 1337-1344.	0.3	27
25	Pulmonary Arterial Hypertension Affects the Rat Gut Microbiome. Scientific Reports, 2018, 8, 9681.	1.6	56
26	HIV transgene expression impairs K <sup>+</sup> channel function in the pulmonary vasculature. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L711-L723.	1.3	19
27	Riociguat versus sildenafil on hypoxic pulmonary vasoconstriction and ventilation/perfusion matching. PLoS ONE, 2018, 13, e0191239.	1.1	15
28	Depletion of vitamin D aggravates pulmonary arterial hypertension. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR1-5.	0.0	0
29	Evaluation of a combination therapy using riociguat and a TAK-1 inhibitor in the Sugén 5416/hypoxia rat model of pulmonary arterial hypertension. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-3-40.	0.0	0
30	Activation of Kv7 contributes to the relaxant effects of the NO/cGMP pathway in the pulmonary circulation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-3-42.	0.0	0
31	Pulmonary Arterial Hypertension Affects the Rat Gut Microbiome. , 2018, , .		0
32	Possible pathophysiological role of vitamin D deficit in pulmonary arterial hypertension. , 2018, , .		1
33	Kv1.5 channels and endothelium-dependent relaxation are downregulated by miR-1 in rat pulmonary arteries.. , 2018, , .		0
34	Monosodium urate crystals exacerbate acute lung injury induced by lipopolysaccharide.. , 2018, , .		0
35	Extracellular vesicles derived from mesenchymal stem cells prevent pulmonary vascular dysfunction induced by lipopolysaccharide (LPS).. , 2018, , .		0
36	Hepatocyte-secreted extracellular vesicles modify blood metabolome and endothelial function by an arginase-dependent mechanism. Scientific Reports, 2017, 7, 42798.	1.6	66

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Underlying mechanisms preserving coronary basal tone and NO-mediated relaxation in obesity: Involvement of $\beta_1$ subunit-mediated upregulation of BKCa channels. <i>Atherosclerosis</i> , 2017, 263, 227-236.	0.4	11
40	Effects of Quercetin in a Rat Model of Hemorrhagic Traumatic Shock and Reperfusion. <i>Molecules</i> , 2016, 21, 1739.	1.7	9
41	Activation of PPAR $\beta/\delta$ 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
42	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
43	Monosodium urate crystals stimulate IL-6 production via TAK1 and induce pulmonary vascular dysfunction. , 2015, , .		0
44	Antiproliferative effects of drugs affecting different signalling pathways on rat and human pulmonary artery smooth muscle cells. , 2015, , .		0
45	Upregulation of SK3 and IK1 Channels Contributes to the Enhanced Endothelial Calcium Signaling and the Preserved Coronary Relaxation in Obese Zucker Rats. <i>PLoS ONE</i> , 2014, 9, e109432.	1.1	32
46	The Flavonoid Quercetin Reverses Pulmonary Hypertension in Rats. <i>PLoS ONE</i> , 2014, 9, e114492.	1.1	62
47	Ceramide Mediates Acute Oxygen Sensing in Vascular Tissues. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1-14.	2.5	39
48	Pulmonary Vascular Function in Insulin Resistance and Diabetes. <i>Current Vascular Pharmacology</i> , 2014, 12, 473-482.	0.8	9
49	A simple whole blood bioassay detects cytokine responses to anti-CD28 SA and anti-CD52 antibodies. <i>Journal of Pharmacological and Toxicological Methods</i> , 2013, 68, 231-239.	0.3	16
50	Therapeutic targeting of NOD1 receptors. <i>British Journal of Pharmacology</i> , 2013, 170, 475-485.	2.7	33
51	Pulmonary Vascular Dysfunction Induced by High Tidal Volume Mechanical Ventilation*. <i>Critical Care Medicine</i> , 2013, 41, e149-e155.	0.4	26
52	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
53	Role Of Nuclear Factor Kappa B (NF $\kappa$ B) In Endothelial Cell Sensing Of Nucleotide Oligomerisation Domain-1 (NOD1) And Toll Like Receptor (TLR) 4 Agonists In Intact Blood Vessels: Relevance To Septic Shock. , 2012, , .		0
54	A Key Role for the Endothelium in NOD1 Mediated Vascular Inflammation: Comparison to TLR4 Responses. <i>PLoS ONE</i> , 2012, 7, e42386.	1.1	43

#	ARTICLE	IF	CITATIONS
55	Pulmonary arterial dysfunction in insulin resistant obese Zucker rats. <i>Respiratory Research</i> , 2011, 12, 51.	1.4	24
56	Vascular deconjugation of quercetin glucuronide: The flavonoid paradox revealed?. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1780-1790.	1.5	110
57	Neutral sphingomyelinase, NADPH oxidase and reactive oxygen species. Role in acute hypoxic pulmonary vasoconstriction. <i>Journal of Cellular Physiology</i> , 2011, 226, 2633-2640.	2.0	41
58	Lack of synergistic interaction between quercetin and catechin in systemic and pulmonary vascular smooth muscle. <i>British Journal of Nutrition</i> , 2011, 105, 1287-1293.	1.2	18
59	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.	1.3	21
60	Ceramide inhibits $K^+$ 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.	2.1	25
61	Reactive oxygen species signaling in pulmonary vascular smooth muscle. <i>Respiratory Physiology and Neurobiology</i> , 2010, 174, 212-220.	0.7	70
62	Nucleotide oligomerization domain 1 is a dominant pathway for NOS2 induction in vascular smooth muscle cells: comparison with Toll-like receptor 4 responses in macrophages. <i>British Journal of Pharmacology</i> , 2010, 160, 1997-2007.	2.7	22
63	Innate Immunity in Human Embryonic Stem Cells: Comparison with Adult Human Endothelial Cells. <i>PLoS ONE</i> , 2010, 5, e10501.	1.1	56
64	The PPAR $\alpha$ Agonist GW0742 Relaxes Pulmonary Vessels and Limits Right Heart Hypertrophy in Rats with Hypoxia-Induced Pulmonary Hypertension. <i>PLoS ONE</i> , 2010, 5, e9526.	1.1	43
65	Toll-like Receptor 2 Is Essential for the Sensing of Oxidants during Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 299-306.	2.5	56
66	Glucuronidated and sulfated metabolites of the flavonoid quercetin prevent endothelial dysfunction but lack direct vasorelaxant effects in rat aorta. <i>Atherosclerosis</i> , 2009, 204, 34-39.	0.4	108
67	Role of nitric oxide and prostacyclin as vasoactive hormones released by the endothelium. <i>Experimental Physiology</i> , 2008, 93, 141-147.	0.9	217
68	Activation of neutral sphingomyelinase is involved in acute hypoxic pulmonary vasoconstriction. <i>Cardiovascular Research</i> , 2008, 82, 296-302.	1.8	94
69	COX $\alpha$ 1, and not COX $\alpha$ 2 activity, regulates airway function: relevance to aspirin-sensitive asthma. <i>FASEB Journal</i> , 2008, 22, 4005-4010.	0.2	53
70	Neutral sphingomyelinase and protein kinase C $\alpha$ are involved in hypoxic pulmonary vasoconstriction. <i>FASEB Journal</i> , 2008, 22, 1174.9.	0.2	1
71	Ceramide induces inhibition of Kv channels and vasoconstriction in rat pulmonary arteries. <i>FASEB Journal</i> , 2008, 22, 1174.8.	0.2	0
72	Role of voltage-gated potassium channels in the response to oxygen in chicken embryo ductus arteriosus. <i>FASEB Journal</i> , 2008, 22, 1224.3.	0.2	1

#	ARTICLE	IF	CITATIONS
73	The dietary flavonoid quercetin activates BKCa currents in coronary arteries via production of H <sub>2</sub> O <sub>2</sub> . Role in vasodilatation. <i>Cardiovascular Research</i> , 2007, 73, 424-431.	1.8	77
74	Mechanisms Controlling Vascular Tone in Pulmonary Arterial Hypertension: Implications for Vasodilator Therapy. <i>Pharmacology</i> , 2007, 79, 65-75.	0.9	46
75	Role of Protein Kinase C $\alpha$ and Its Adaptor Protein p62 in Voltage-Gated Potassium Channel Modulation in Pulmonary Arteries. <i>Molecular Pharmacology</i> , 2007, 72, 1301-1309.	1.0	19
76	Quercetin and Isorhamnetin Prevent Endothelial Dysfunction, Superoxide Production, and Overexpression of p47phox Induced by Angiotensin II in Rat Aorta. <i>Journal of Nutrition</i> , 2007, 137, 910-915.	1.3	98
77	Homeostatic Role of Toll-like Receptor 4 in the Endothelium and Heart. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2007, 12, 322-326.	1.0	17
78	Pulmonary endothelium dependent vasodilation emerges after birth in mice. <i>European Journal of Pharmacology</i> , 2007, 567, 240-244.	1.7	10
79	Endothelium-dependent dilatation of mice pulmonary arteries increases with postnatal maturation. <i>FASEB Journal</i> , 2007, 21, A1164.	0.2	1
80	Decreased expression of aortic KIR6.1 and SUR2B in hypertension does not correlate with changes in the functional role of KATP channels. <i>FASEB Journal</i> , 2007, 21, A1158.	0.2	0
81	Involvement of reactive oxygen species in Kv channels inhibition induced by hypoxia in rat pulmonary arteries. <i>FASEB Journal</i> , 2007, 21, A1171.	0.2	1
82	Pharmacology of airways and vessels in lung slices in situ: role of endogenous dilator hormones. <i>Respiratory Research</i> , 2006, 7, 111.	1.4	26
83	Proteomic Study of Plasma from Moderate Hypercholesterolemic Patients. <i>Journal of Proteome Research</i> , 2006, 5, 2301-2308.	1.8	40
84	The flavonoid quercetin induces apoptosis and inhibits JNK activation in intimal vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 919-925.	1.0	73
85	Role of Reactive Oxygen Species in Kv Channel Inhibition and Vasoconstriction Induced by TP Receptor Activation in Rat Pulmonary Arteries. <i>Annals of the New York Academy of Sciences</i> , 2006, 1091, 41-51.	1.8	57
86	Increased NADPH oxidase activity mediates spontaneous aortic tone in genetically hypertensive rats. <i>European Journal of Pharmacology</i> , 2006, 544, 97-103.	1.7	55
87	Relaxant Effects of the Soluble Guanylate Cyclase Activator and NO Sensitizer YC-1 in Piglet Pulmonary Arteries. <i>Neonatology</i> , 2006, 90, 66-72.	0.9	4
88	Serotonin Inhibits Voltage-Gated K <sup>+</sup> Currents in Pulmonary Artery Smooth Muscle Cells. <i>Circulation Research</i> , 2006, 98, 931-938.	2.0	170
89	Postnatal maturational shift from PKC $\alpha$ and voltage-gated K channels to RhoA/Rho kinase in pulmonary vasoconstriction. <i>Cardiovascular Research</i> , 2005, 66, 84-93.	1.8	35
90	Soluble guanylyl cyclase during postnatal porcine pulmonary maturation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 288, L125-L130.	1.3	22

#	ARTICLE	IF	CITATIONS
91	Postnatal Maturation of Phosphodiesterase 5 (PDE5) in Piglet Pulmonary Arteries: Activity, Expression, Effects of PDE5 Inhibitors, and Role of the Nitric Oxide/Cyclic GMP Pathway. <i>Pediatric Research</i> , 2004, 56, 563-570.	1.1	29
92	Nitric Oxide (NO) Scavenging and NO Protecting Effects of Quercetin and Their Biological Significance in Vascular Smooth Muscle. <i>Molecular Pharmacology</i> , 2004, 65, 851-859.	1.0	89
93	Thromboxane A <sub>2</sub> -Induced Inhibition of Voltage-Gated K <sup>+</sup> Channels and Pulmonary Vasoconstriction. <i>Circulation Research</i> , 2003, 93, 656-663.	2.0	140
94	Effects of the Flavonoid Quercetin and its Methylated Metabolite Isorhamnetin in Isolated Arteries from Spontaneously Hypertensive Rats. <i>Planta Medica</i> , 2003, 69, 995-1000.	0.7	50
95	Endothelium-Independent Vasodilator Effects of the Flavonoid Quercetin and Its Methylated Metabolites in Rat Conductance and Resistance Arteries. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 66-72.	1.3	170
96	Postnatal maturation in nitric oxide-induced pulmonary artery relaxation involving cyclooxygenase-1 activity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002, 283, L839-L848.	1.3	13
97	Pharmacological Screening of Different <i>Juniperus oxycedrus</i> L. Extracts. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998, 82, 108-112.	0.0	30
98	In vitro pharmacological evaluation of the dichloromethanol extract from <i>Schinus molle</i> L.. <i>Phytotherapy Research</i> , 1998, 12, 523-525.	2.8	9
99	Evaluation of the analgesic action of different fractions from the methanol extract of <i>Teucrium buxifolium</i> L. <i>Phytotherapy Research</i> , 1998, 12, 598-599.	2.8	1
100	Anatomical differences in responsiveness to vasoconstrictors in the mesenteric veins from normal and portal hypertensive rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 354, 474-480.	1.4	25
101	In Vivo Assessment of Metal Organic Framework (MOFs) for the Future use as Delivery Agents for Drugs to Treat PAH. , 0, , .		0