Francisco Perez-Vizcaino

List of Publications by Year
in descending order

191	8,281	38742 50	58581 82
papers	citations	h-index	g-index

192	192	192	9077
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxygen-Sensitivity and Pulmonary Selectivity of Vasodilators as Potential Drugs for Pulmonary Hypertension. Antioxidants, 2021, 10, 155.	5.1	5
2	Restoration of Vitamin D Levels Improves Endothelial Function and Increases TASK-Like K+ Currents in Pulmonary Arterial Hypertension Associated with Vitamin D Deficiency. Biomolecules, 2021, 11, 795.	4.0	8
3	Interleukin-6 and intrapulmonary shunt. European Respiratory Journal, 2021, 58, 2101292.	6.7	3
4	Vitamin D deficiency, a potential cause for insufficient response to sildenafil in pulmonary arterial hypertension. European Respiratory Journal, 2021, 58, 2101204.	6.7	5
5	Transcriptomic profile of cationic channels in human pulmonary arterial hypertension. Scientific Reports, 2021, 11, 15829.	3.3	10
6	Potassium (K+) channels in the pulmonary vasculature: Implications in pulmonary hypertension Physiological, pathophysiological and pharmacological regulation. , 2021, 225, 107835.		19
7	Extracellular Vesicles and Alveolar Epithelial-Capillary Barrier Disruption in Acute Respiratory Distress Syndrome: Pathophysiological Role and Therapeutic Potential. Frontiers in Physiology, 2021, 12, 752287.	2.8	8
8	Spontaneous Pulmonary Hypertension Associated With Systemic Sclerosis in Pâ€Šselectin Glycoprotein Ligand 1â€“Deficient Mice. Arthritis and Rheumatology, 2020, 72, 477-487.	5.6	13
9	Metabolic syndrome inhibits store-operated Ca2+ entry and calcium-induced calcium-release mechanism in coronary artery smooth muscle. Biochemical Pharmacology, 2020, 182, 114222.	4.4	11
10	Lung ACE2 and ADAM17 in pulmonary arterial hypertension: Implications for COVID-19?. Journal of Heart and Lung Transplantation, 2020, 39, 1167-1169.	0.6	6
11	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.	2.9	19
12	Probiotic Bifidobacterium breve prevents DOCAâ€salt hypertension. FASEB Journal, 2020, 34, 13626-13640.	0.5	45
13	Uncovered Contribution of Kv7 Channels to Pulmonary Vascular Tone in Pulmonary Arterial Hypertension. Hypertension, 2020, 76, 1134-1146.	2.7	25
14	Kv7 Channels in Lung Diseases. Frontiers in Physiology, 2020, 11, 634.	2.8	12
15	Impact of Nutrition on Pulmonary Arterial Hypertension. Nutrients, 2020, 12, 169.	4.1	28
16	Total, Bioavailable, and Free Vitamin D Levels and Their Prognostic Value in Pulmonary Arterial Hypertension. Journal of Clinical Medicine, 2020, 9, 448.	2.4	20
17	miR-1 induces endothelial dysfunction in rat pulmonary arteries. Journal of Physiology and Biochemistry, 2019, 75, 519-529.	3.0	14
18	Impact of Vitamin D Deficit on the Rat Gut Microbiome. Nutrients, 2019, 11, 2564.	4.1	18

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19	Ceramide and Regulation of Vascular Tone. International Journal of Molecular Sciences, 2019, 20, 411.	4.1	55
20	Elevated pulmonary arterial pressure in Zucker diabetic fatty rats. PLoS ONE, 2019, 14, e0211281.	2.5	13
21	MicroRNAs in Respiratory Diseases. , 2019, , 89-131.		1
22	Dietary Cocoa Prevents Aortic Remodeling and Vascular Oxidative Stress in Diabetic Rats. Molecular Nutrition and Food Research, 2019, 63, e1900044.	3.3	8
23	Reactive oxygen species as mediators of oxygen signaling during fetal-to-neonatal circulatory transition. Free Radical Biology and Medicine, 2019, 142, 82-96.	2.9	19
24	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
25	miRâ€1 is increased in pulmonary hypertension and downregulates Kv1.5 channels in rat pulmonary arteries. Journal of Physiology, 2019, 597, 1185-1197.	2.9	51
26	Cardiovascular Effects of Flavonoids. Current Medicinal Chemistry, 2019, 26, 6991-7034.	2.4	41
27	JAK2 mediates lung fibrosis, pulmonary vascular remodelling and hypertension in idiopathic pulmonary fibrosis: an experimental study. Thorax, 2018, 73, 519-529.	5.6	58
28	Research trends in flavonoids and health. Archives of Biochemistry and Biophysics, 2018, 646, 107-112.	3.0	184
29	Lactobacillus fermentum Improves Tacrolimusâ€‐Induced Hypertension by Restoring Vascular Redox State and Improving eNOS Coupling. Molecular Nutrition and Food Research, 2018, 62, e1800033.	3.3	71
30	Pulmonary Arterial Hypertension Affects the Rat Gut Microbiome. Scientific Reports, 2018, 8, 9681.	3.3	56
31	HIV transgene expression impairs K⁺ channel function in the pulmonary vasculature. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L711-L723.	2.9	19
32	Riociguat versus sildenafil on hypoxic pulmonary vasoconstriction and ventilation/perfusion matching. PLoS ONE, 2018, 13, e0191239.	2.5	15
33	Possible pathophysiological role of vitamin D deficit in pulmonary arterial hypertension. , 2018, , .		1
34	Kv1.5 channels and endothelium-dependent relaxation are downregulated by miR-1 in rat pulmonary arteries.. , 2018, , .		0
35	Monosodium urate crystals exacerbate acute lung injury induced by lipopolysaccharide.. , 2018, , .		0
36	Extracellular vesicles derived from mesenchymal stem cells prevent pulmonary vascular dysfunction induced by lipopolysaccharide (LPS).. , 2018, , .		0

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37	Role of acid sphingomyelinase and IL-6 as mediators of endotoxin-induced pulmonary vascular dysfunction. Thorax, 2017, 72, 460-471.	5.6	53
38	Activation of Peroxisome Proliferator Activator Receptor Î²/Î´ Improves Endothelial Dysfunction and Protects Kidney in Murine Lupus. Hypertension, 2017, 69, 641-650.	2.7	26
39	Antihypertensive effects of peroxisome proliferator-activated receptor-Î²/Î´ activation. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H189-H200.	3.2	26
40	Antihypertensive Effects of Probiotics. Current Hypertension Reports, 2017, 19, 26.	3.5	93
41	Protective vascular effects of quercitrin in acute TNBS-colitis in rats: the role of nitric oxide. Food and Function, 2017, 8, 2702-2711.	4.6	23
42	Underlying mechanisms preserving coronary basal tone and NO-mediated relaxation in obesity: Involvement of Î²1 subunit-mediated upregulation of BKCa channels. Atherosclerosis, 2017, 263, 227-236.	0.8	11
43	Effects of Quercetin in a Rat Model of Hemorrhagic Traumatic Shock and Reperfusion. Molecules, 2016, 21, 1739.	3.8	9
44	Role of UCP2 in the protective effects of PPARÎ²/Î´ activation on lipopolysaccharide-induced endothelial dysfunction. Biochemical Pharmacology, 2016, 110-111, 25-36.	4.4	25
45	Vascular and Central Activation of Peroxisome Proliferator-Activated Receptor-Â Attenuates Angiotensin II-Induced Hypertension: Role of RGS-5. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 151-163.	2.5	16
46	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
47	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
48	Carnitine palmitoyltransferase-1 up-regulation by PPAR-Î²/Î´ prevents lipid-induced endothelial dysfunction. Clinical Science, 2015, 129, 823-837.	4.3	42
49	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
50	Chronic peroxisome proliferator-activated receptorÎ²/Î´ agonist GW0742 prevents hypertension, vascular inflammatory and oxidative status, and endothelial dysfunction in diet-induced obesity. Journal of Hypertension, 2015, 33, 1831-1844.	0.5	29
51	ProtecciÃ³n cardiovascular con flavonoides: enigma farmacocinÃ©tico. Ars Pharmaceutica, 2015, 56, 193-200.	0.3	4
52	Quercetin and its metabolites inhibit the membrane NADPH oxidase activity in vascular smooth muscle cells from normotensive and spontaneously hypertensive rats. Food and Function, 2015, 6, 409-414.	4.6	40
53	Kv7 channels critically determine coronary artery reactivity: left-right differences and down-regulation by hyperglycaemia. Cardiovascular Research, 2015, 106, 98-108.	3.8	55
54	Upregulation of SK3 and IK1 Channels Contributes to the Enhanced Endothelial Calcium Signaling and the Preserved Coronary Relaxation in Obese Zucker Rats. PLoS ONE, 2014, 9, e109432.	2.5	32

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55	The Flavonoid Quercetin Reverses Pulmonary Hypertension in Rats. PLoS ONE, 2014, 9, e114492.	2.5	62
56	PROTECTIVE EFFECTS OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR (PPAR)-ÃŸ ACTIVATION ON LIPID-INDUCED ENDOTHELIAL DYSFUNCTION via CARNITINE PALMITOYL TRANSFERASE-1 UPREGULATION. Heart, 2014, 100, A9.1-A9.	2.9	0
57	<scp>PPAR</scp>Î² activation restores the high glucoseâ€induced impairment of insulin signalling in endothelial cells. British Journal of Pharmacology, 2014, 171, 3089-3102.	5.4	32
58	Chronic Hydroxychloroquine Improves Endothelial Dysfunction and Protects Kidney in a Mouse Model of Systemic Lupus Erythematosus. Hypertension, 2014, 64, 330-337.	2.7	110
59	Modulation of nitric oxide by flavonoids. Food and Function, 2014, 5, 1653-1668.	4.6	80
60	The flavonoid quercetin induces acute vasodilator effects in healthy volunteers: Correlation with beta-glucuronidase activity. Pharmacological Research, 2014, 89, 11-18.	7.1	73
61	Ceramide Mediates Acute Oxygen Sensing in Vascular Tissues. Antioxidants and Redox Signaling, 2014, 20, 1-14.	5.4	39
62	Pulmonary Vascular Function in Insulin Resistance and Diabetes. Current Vascular Pharmacology, 2014, 12, 473-482.	1.7	9
63	Antioxidant effect of human adult adipose-derived stromal stem cells in alveolar epithelial cells undergoing stretch. Respiratory Physiology and Neurobiology, 2013, 188, 1-8.	1.6	14
64	SIRT1 inhibits NADPH oxidase activation and protects endothelial function in the rat aorta: Implications for vascular aging. Biochemical Pharmacology, 2013, 85, 1288-1296.	4.4	169
65	Effects of peroxisome proliferator-activated receptor-Î² activation in endothelin-dependent hypertension. Cardiovascular Research, 2013, 99, 622-631.	3.8	23
66	Role of tetrahydrobiopterin in pulmonary vascular remodelling associated with pulmonary fibrosis. Thorax, 2013, 68, 938-948.	5.6	52
67	Pulmonary Vascular Dysfunction Induced by High Tidal Volume Mechanical Ventilation*. Critical Care Medicine, 2013, 41, e149-e155.	0.9	26
68	Zolmitriptan: A Novel Portal Hypotensive Agent Which Synergizes with Propranolol in Lowering Portal Pressure. PLoS ONE, 2013, 8, e52683.	2.5	5
69	Epicatechin: Endothelial Function and Blood Pressure. Journal of Agricultural and Food Chemistry, 2012, 60, 8823-8830.	5.2	57
70	Activation of peroxisome proliferator-activated receptor-Î²/Î´ (PPARÎ²/Î´) prevents endothelial dysfunction in type 1 diabetic rats. Free Radical Biology and Medicine, 2012, 53, 730-741.	2.9	57
71	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
72	Different cardiovascular protective effects of quercetin administered orally or intraperitoneally in spontaneously hypertensive rats. Food and Function, 2012, 3, 643.	4.6	43

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73	Glucuronidated Quercetin Lowers Blood Pressure in Spontaneously Hypertensive Rats via Deconjugation. PLoS ONE, 2012, 7, e32673.	2.5	104
74	The flavonoid paradox: conjugation and deconjugation as key steps for the biological activity of flavonoids. Journal of the Science of Food and Agriculture, 2012, 92, 1822-1825.	3.5	97
75	Epicatechin lowers blood pressure, restores endothelial function, and decreases oxidative stress and endothelin-1 and NADPH oxidase activity in DOCA-salt hypertension. Free Radical Biology and Medicine, 2012, 52, 70-79.	2.9	154
76	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
77	Cirrhosis decreases vasoconstrictor response to electrical field stimulation in rat mesenteric artery: role of calcitonin gene-related peptide. Experimental Physiology, 2011, 96, 275-286.	2.0	15
78	Pulmonary arterial dysfunction in insulin resistant obese Zucker rats. Respiratory Research, 2011, 12, 51.	3.6	24
79	Vascular deconjugation of quercetin glucuronide: The flavonoid paradox revealed?. Molecular Nutrition and Food Research, 2011, 55, 1780-1790.	3.3	110
80	Carotid body function and ventilatory responses in intermittent hypoxia. evidence for anomalous brainstem integration of arterial chemoreceptor input. Journal of Cellular Physiology, 2011, 226, 1961-1969.	4.1	47
81	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
82	Lack of synergistic interaction between quercetin and catechin in systemic and pulmonary vascular smooth muscle. British Journal of Nutrition, 2011, 105, 1287-1293.	2.3	18
83	Chronic (Ââ^'Â)-epicatechin improves vascular oxidative and inflammatory status but not hypertension in chronic nitric oxide-deficient rats. British Journal of Nutrition, 2011, 106, 1337-1348.	2.3	55
84	Antihypertensive Effects of Peroxisome Proliferator-Activated Receptor-Î² Activation in Spontaneously Hypertensive Rats. Hypertension, 2011, 58, 733-743.	2.7	80
85	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
86	Red wine polyphenols prevent endothelial dysfunction induced by endothelin-1 in rat aorta: role of NADPH oxidase. Clinical Science, 2011, 120, 321-333.	4.3	38
87	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
88	LEVOSIMENDAN INCREASES PORTAL BLOOD FLOW AND ATTENUATES INTESTINAL INTRAMUCOSAL ACIDOSIS IN EXPERIMENTAL SEPTIC SHOCK. Shock, 2010, 34, 275-280.	2.1	22
89	Reactive oxygen species signaling in pulmonary vascular smooth muscle. Respiratory Physiology and Neurobiology, 2010, 174, 212-220.	1.6	70
90	Lack of beneficial metabolic effects of quercetin in adult spontaneously hypertensive rats. European Journal of Pharmacology, 2010, 627, 242-250.	3.5	30

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91	Isoprostanes in fetal and neonatal health and disease. Free Radical Biology and Medicine, 2010, 48, 177-188.	2.9	45
92	Age-related changes in isoprostane-mediated relaxation of piglet blood vessels. Frontiers in Bioscience - Elite, 2010, E2, 369-379.	1.8	6
93	Response of Chicken Ductus Arteriosus to Hypercarbic and Normocarbic Acidosis. Neonatology, 2010, 98, 47-56.	2.0	16
94	Endothelium-Dependent Vasodilator Effects of Peroxisome Proliferator-Activated Receptor Î² Agonists via the Phosphatidyl-Inositol-3 Kinase-Akt Pathway. Journal of Pharmacology and Experimental Therapeutics, 2010, 332, 554-561.	2.5	50
95	Hypoxia sensing in the fetal chicken femoral artery is mediated by the mitochondrial electron transport chain. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1026-R1034.	1.8	18
96	Flavonols and cardiovascular disease. Molecular Aspects of Medicine, 2010, 31, 478-494.	6.4	315
97	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
98	Vascular superoxide production by endothelin-1 requires Src non-receptor protein tyrosine kinase and MAPK activation. Atherosclerosis, 2010, 212, 78-85.	0.8	29
99	5-HT Receptors and KV Channel Internalization. Advances in Experimental Medicine and Biology, 2010, 661, 391-401.	1.6	3
100	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
101	Quercetin inhibits vascular superoxide production induced by endothelin-1: Role of NADPH oxidase, uncoupled eNOS and PKC. Atherosclerosis, 2009, 202, 58-67.	0.8	122
102	Glucuronidated and sulfated metabolites of the flavonoid quercetin prevent endothelial dysfunction but lack direct vasorelaxant effects in rat aorta. Atherosclerosis, 2009, 204, 34-39.	0.8	108
103	Antihypertensive effects of the flavonoid quercetin. Pharmacological Reports, 2009, 61, 67-75.	3.3	243
104	Activation of BKCa channels by nitric oxide prevents coronary artery endothelial dysfunction in ouabain-induced hypertensive rats. Journal of Hypertension, 2009, 27, 83-91.	0.5	16
105	Hyperresponsiveness to serotonin in rat pulmonary arteries from rats with streptozotocinâ€“induced diabetes. FASEB Journal, 2009, 23, 770.9.	0.5	0
106	Role of neutral sphingomyelinaseâ€derived ceramide in the response to oxygen in the chicken ductus arteriosus. FASEB Journal, 2009, 23, .	0.5	0
107	Calciumâ€dependent and â€independent mechanisms in the response to oxygen of the chicken ductus arteriosus. FASEB Journal, 2009, 23, 1027.3.	0.5	0
108	Decreased expression of aortic KIR6.1 and SUR2B in hypertension does not correlate with changes in the functional role of KATP channels. European Journal of Pharmacology, 2008, 587, 204-208.	3.5	18

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109	Wine Polyphenols Improve Endothelial Function in Large Vessels of Female Spontaneously Hypertensive Rats. Hypertension, 2008, 51, 1088-1095.	2.7	95
110	Activation of neutral sphingomyelinase is involved in acute hypoxic pulmonary vasoconstriction. Cardiovascular Research, 2008, 82, 296-302.	3.8	94
111	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
112	Glucuronidated Metabolites of the Flavonoid Quercetin do not Auto-Oxidise, do not Generate Free Radicals and do not Decrease Nitric Oxide Bioavailability. Planta Medica, 2008, 74, 741-746.	1.3	21
113	Rho Kinase inhibitors impair the response of chicken ductus arteriosus to oxygen and other vasoconstrictors. FASEB Journal, 2008, 22, 1239.21.	0.5	0
114	Developmental changes in endotheliumâ€dependent relaxation of the chicken ductus arteriosus. FASEB Journal, 2008, 22, 1239.22.	0.5	0
115	Ontogeny of chicken ductus arteriosus response to oxygen and vasoconstrictors. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R485-R496.	1.8	47
116	The dietary flavonoid quercetin activates BKCa currents in coronary arteries via production of H2O2. Role in vasodilatation. Cardiovascular Research, 2007, 73, 424-431.	3.8	77
117	Role of Protein Kinase CÎ¶ and Its Adaptor Protein p62 in Voltage-Gated Potassium Channel Modulation in Pulmonary Arteries. Molecular Pharmacology, 2007, 72, 1301-1309.	2.3	19
118	Chronic administration of genistein improves endothelial dysfunction in spontaneously hypertensive rats: involvement of eNOS, caveolin and calmodulin expression and NADPH oxidase activity. Clinical Science, 2007, 112, 183-191.	4.3	82
119	Quercetin and Isorhamnetin Prevent Endothelial Dysfunction, Superoxide Production, and Overexpression of p47phox Induced by Angiotensin II in Rat Aorta. Journal of Nutrition, 2007, 137, 910-915.	2.9	98
120	Genistein restores caveolin-1 and AT-1 receptor expression and vascular function in large vessels of ovariectomized hypertensive rats. Menopause, 2007, 14, 933-940.	2.0	23
121	Endothelial function and cardiovascular disease: Effects of quercetin and wine polyphenols. Free Radical Research, 2006, 40, 1054-1065.	3.3	170
122	Pharmacology of airways and vessels in lung slices in situ: role of endogenous dilator hormones. Respiratory Research, 2006, 7, 111.	3.6	26
123	Proteomic Study of Plasma from Moderate Hypercholesterolemic Patients. Journal of Proteome Research, 2006, 5, 2301-2308.	3.7	40
124	The flavonoid quercetin induces apoptosis and inhibits JNK activation in intimal vascular smooth muscle cells. Biochemical and Biophysical Research Communications, 2006, 346, 919-925.	2.1	73
125	Quercetin downregulates NADPH oxidase, increases eNOS activity and prevents endothelial dysfunction in spontaneously hypertensive rats. Journal of Hypertension, 2006, 24, 75-84.	0.5	253
126	Role of Reactive Oxygen Species in Kv Channel Inhibition and Vasoconstriction Induced by TP Receptor Activation in Rat Pulmonary Arteries. Annals of the New York Academy of Sciences, 2006, 1091, 41-51.	3.8	57

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127	Increased NADPH oxidase activity mediates spontaneous aortic tone in genetically hypertensive rats. European Journal of Pharmacology, 2006, 544, 97-103.	3.5	55
128	Relaxant Effects of the Soluble Guanylate Cyclase Activator and NO Sensitizer YC-1 in Piglet Pulmonary Arteries. Neonatology, 2006, 90, 66-72.	2.0	4
129	Serotonin Inhibits Voltage-Gated K ⁺ Currents in Pulmonary Artery Smooth Muscle Cells. Circulation Research, 2006, 98, 931-938.	4.5	170
130	New insights in the pharmacological therapy of arterial hypertension. Current Opinion in Nephrology and Hypertension, 2005, 14, 423-427.	2.0	21
131	Postnatal maturational shift from PKC? and voltage-gated K channels to RhoA/Rho kinase in pulmonary vasoconstriction. Cardiovascular Research, 2005, 66, 84-93.	3.8	35
132	Soluble guanylyl cyclase during postnatal porcine pulmonary maturation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L125-L130.	2.9	22
133	Age-Related Differences in Vasoconstrictor Responses to Isoprostanes in Piglet Pulmonary and Mesenteric Vascular Smooth Muscle. Pediatric Research, 2005, 57, 845-852.	2.3	18
134	Acute and Chronic Captopril, but Not Prazosin or Nifedipine, Normalize Alterations in Adrenergic Intracellular Ca2+ Handling Observed in the Mesenteric Arterial Tree of Spontaneously Hypertensive Rats. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 359-367.	2.5	12
135	Soy Isoflavones Improve Endothelial Function in Spontaneously Hypertensive Rats in an Estrogen-Independent Manner: Role of Nitric-Oxide Synthase, Superoxide, and Cyclooxygenase Metabolites. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 1300-1309.	2.5	40
136	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. Pediatric Research, 2004, 56, 563-570.	2.3	29
137	Nitric Oxide (NO) Scavenging and NO Protecting Effects of Quercetin and Their Biological Significance in Vascular Smooth Muscle. Molecular Pharmacology, 2004, 65, 851-859.	2.3	89
138	Cytosolic Ca2+ and Phosphoinositide Hydrolysis Linked to Constitutively Active Î±1d-Adrenoceptors in Vascular Smooth Muscle. Journal of Pharmacology and Experimental Therapeutics, 2003, 305, 1006-1014.	2.5	16
139	Thromboxane A ₂ -Induced Inhibition of Voltage-Gated K ⁺ Channels and Pulmonary Vasoconstriction. Circulation Research, 2003, 93, 656-663.	4.5	140
140	Effects of the Flavonoid Quercetin and its Methylated Metabolite Isorhamnetin in Isolated Arteries from Spontaneously Hypertensive Rats. Planta Medica, 2003, 69, 995-1000.	1.3	50
141	Cardiovascular Effects of Isorhamnetin and Quercetin in Isolated Rat and Porcine Vascular Smooth Muscle and Isolated Rat Atria. Planta Medica, 2002, 68, 307-310.	1.3	54
142	Endothelium-Independent Vasodilator Effects of the Flavonoid Quercetin and Its Methylated Metabolites in Rat Conductance and Resistance Arteries. Journal of Pharmacology and Experimental Therapeutics, 2002, 302, 66-72.	2.5	170
143	Protective effects of the flavonoid quercetin in chronic nitric oxide deficient rats. Journal of Hypertension, 2002, 20, 1843-1854.	0.5	124
144	Postnatal maturation in nitric oxide-induced pulmonary artery relaxation involving cyclooxygenase-1 activity. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L839-L848.	2.9	13

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145	Effects of chronic quercetin treatment on hepatic oxidative status of spontaneously hypertensive rats. Molecular and Cellular Biochemistry, 2001, 221, 155-160.	3.1	74
146	Mechanisms involved in SNP-induced relaxation and [Ca2+]i reduction in piglet pulmonary and systemic arteries. British Journal of Pharmacology, 2001, 132, 959-967.	5.4	28
147	Antihypertensive effects of the flavonoid quercetin in spontaneously hypertensive rats. British Journal of Pharmacology, 2001, 133, 117-124.	5.4	381
148	Nitric oxide- and nitric oxide donors-induced relaxation and its modulation by oxidative stress in piglet pulmonary arteries. British Journal of Pharmacology, 2001, 133, 615-624.	5.4	23
149	Flavonoids and cardiovascular diseases. Studies in Natural Products Chemistry, 2001, 25, 565-605.	1.8	14
150	Pulmonary Artery Vasoconstriction but not [Ca2+]i Signal Stimulated by Thromboxane A2 Is Partially Resistant to NO. Pediatric Research, 2001, 50, 508-514.	2.3	8
151	Vasorelaxant Effects of the Bioflavonoid Chrysin in Isolated Rat Aorta. Planta Medica, 2001, 67, 567-569.	1.3	50
152	Relaxant Effects of Carbon Monoxide Compared with Nitric Oxide in Pulmonary and Systemic Vessels of Newborn Piglets. Pediatric Research, 2000, 48, 546-553.	2.3	53
153	Modulation of arterial Na⁺-K⁺-ATPase-induced [Ca²⁺]_ireduction and relaxation by norepinephrine, ET-1, and PMA. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H651-H657.	3.2	5
154	Effects of nicorandil as compared to mixtures of sodium nitroprusside and levcromakalim in isolated rat aorta. British Journal of Pharmacology, 1999, 126, 1025-1033.	5.4	15
155	Involvement of thromboxane A₂ in the endotheliumâ€dependent contractions induced by myricetin in rat isolated aorta. British Journal of Pharmacology, 1999, 127, 1539-1544.	5.4	28
156	Vasodilator effects of sodium nitroprusside, levcromakalim and their combination in isolated rat aorta. British Journal of Pharmacology, 1999, 128, 1419-1426.	5.4	14
157	Effects of Visnagin on Cyclic Nucleotide Phosphodiesterases and Their Role in its Inhibitory Effects on Vascular Smooth Muscle Contraction. General Pharmacology, 1999, 32, 71-74.	0.7	20
158	Age-Related Changes in Vascular Responses to Nitric Oxide and Carbon Monoxide in Newborn Piglets. Pediatric Research, 1999, 45, 71A-71A.	2.3	0
159	Role of K⁺ channel opening and stimulation of cyclic GMP in the vasorelaxant effects of nicorandil in isolated piglet pulmonary and mesenteric arteries: relative efficacy and interactions between both pathways. British Journal of Pharmacology, 1998, 123, 847-854.	5.4	27
160	Vasoconstrictor and Vasodilator Effects of Disopyramide on Isolated Rat Vascular Smooth Muscle. Journal of Cardiovascular Pharmacology, 1998, 32, 745-752.	1.9	4
161	Effects of Visnadine on Rat Isolated Vascular Smooth Muscles. Planta Medica, 1997, 63, 233-236.	1.3	28
162	Effect of tyrosine kinase and tyrosine phosphatase inhibitors on aortic contraction and induction of nitric oxide synthase. European Journal of Pharmacology, 1997, 338, 25-33.	3.5	23

#	Article	IF	Citations
163	Endothelium-Derived Nitric Oxide-Dependent Response to Hypoxia in Piglet Intrapulmonary Arteries. Neonatology, 1997, 72, 62-70.	2.0	6
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