Javier Blanco-Rivero

List of Publications by Year
in descending order

54	864	516215 16	525886 27
papers	citations	h-index	g-index

56	56	56	996
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Participation of Prostacyclin in Endothelial Dysfunction Induced by Aldosterone in Normotensive and Hypertensive Rats. Hypertension, 2005, 46, 107-112.	1.3	115
2	Regional distribution of hyperpolarizationâ€activated current (I f) and hyperpolarizationâ€activated cyclic nucleotideâ€gated channel mRNA expression in ventricular cells from control and hypertrophied rat hearts. Journal of Physiology, 2003, 553, 395-405.	1.3	99
3	Androgen deprivation increases neuronal nitric oxide metabolism and its vasodilator effect in rat mesenteric arteries. Nitric Oxide - Biology and Chemistry, 2005, 12, 163-176.	1.2	35
4	Chronic Exercise Improves Mitochondrial Function and Insulin Sensitivity in Brown Adipose Tissue. Frontiers in Physiology, 2018, 9, 1122.	1.3	32
5	Rosuvastatin restored adrenergic and nitrergic function in mesenteric arteries from obese rats. British Journal of Pharmacology, 2011, 162, 271-285.	2.7	27
6	Aerobic exercise training increases neuronal nitric oxide release and bioavailability and decreases noradrenaline release in mesenteric artery from spontaneously hypertensive rats. Journal of Hypertension, 2013, 31, 916-926.	0.3	27
7	Orchidectomy increases the formation of prostanoids and modulates their role in the acetylcholine-induced relaxation in the rat aorta. Cardiovascular Research, 2007, 77, 590-599.	1.8	26
8	Factors involved in rosuvastatin induction of insulin sensitization in rats fed a high fat diet. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 1107-1114.	1.1	24
9	Orchidectomy Modulates Î±₂-Adrenoceptor Reactivity in Rat Mesenteric Artery through Increased Thromboxane A₂ Formation. Journal of Vascular Research, 2006, 43, 101-108.	0.6	23
10	Protein kinase C activation increases endothelial nitric oxide release in mesenteric arteries from orchidectomized rats. Journal of Endocrinology, 2007, 192, 189-197.	1.2	23
11	Endothelium modulates vasoconstrictor response to prostaglandin I₂ in rat mesenteric resistance arteries: interaction between EP₁ and TP receptors. British Journal of Pharmacology, 2009, 158, 1787-1795.	2.7	23
12	Orchidectomy increases expression and activity of Cu/Zn-superoxide dismutase, while decreasing endothelial nitric oxide bioavailability. Journal of Endocrinology, 2006, 190, 771-778.	1.2	21
13	Long-term fenofibrate treatment impairs endothelium-dependent dilation to acetylcholine by altering the cyclooxygenase pathway. Cardiovascular Research, 2007, 75, 398-407.	1.8	20
14	Chronic HgCl2 treatment increases vasoconstriction induced by electrical field stimulation: role of adrenergic and nitrergic innervation. Clinical Science, 2011, 121, 331-341.	1.8	19
15	Aldosterone increases RAMP1 expression in mesenteric arteries from spontaneously hypertensive rats. Regulatory Peptides, 2006, 134, 61-66.	1.9	18
16	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.	1.7	18
17	Male Castration Increases Neuronal Nitric Oxide Synthase Activity in the Rat Mesenteric Artery through Protein Kinase C Activation. Journal of Vascular Research, 2005, 42, 526-534.	0.6	16
18	Long-term portal hypertension increases the vasodilator response to acetylcholine in rat aorta: role of prostaglandin I2. Clinical Science, 2009, 117, 365-374.	1.8	16

#	Article	IF	Citations
19	Effect of short- and long-term portal hypertension on adrenergic, nitrergic and sensory functioning in rat mesenteric artery. Clinical Science, 2012, 122, 337-348.	1.8	16
20	Cirrhosis decreases vasoconstrictor response to electrical field stimulation in rat mesenteric artery: role of calcitonin gene-related peptide. Experimental Physiology, 2011, 96, 275-286.	0.9	15
21	Beneficial Effect of a Multistrain Synbiotic ProdefenÂ® Plus on the Systemic and Vascular Alterations Associated with Metabolic Syndrome in Rats: The Role of the Neuronal Nitric Oxide Synthase and Protein Kinase A. Nutrients, 2020, 12, 117.	1.7	14
22	Breast Feeding Increases Vasoconstriction Induced by Electrical Field Stimulation in Rat Mesenteric Artery. Role of Neuronal Nitric Oxide and ATP. PLoS ONE, 2013, 8, e53802.	1.1	14
23	Simultaneous inhibition of TXA2 and PGI2 synthesis increases NO release in mesenteric resistance arteries from cirrhotic rats. Clinical Science, 2010, 119, 283-292.	1.8	13
24	Aldosterone alters the participation of endothelial factors in noradrenaline vasoconstriction differently in resistance arteries from normotensive and hypertensive rats. European Journal of Pharmacology, 2011, 654, 280-288.	1.7	13
25	The woundâ€healing response and upregulated embryonic mechanisms: brothersâ€inâ€arms forever. Experimental Dermatology, 2012, 21, 497-503.	1.4	13
26	Ovariectomy Increases the Participation of Hyperpolarizing Mechanisms in the Relaxation of Rat Aorta. PLoS ONE, 2013, 8, e73474.	1.1	12
27	Thyroid hormones affect nitrergic innervation function in rat mesenteric artery: Role of the PI3K/AKT pathway. Vascular Pharmacology, 2018, 108, 36-45.	1.0	11
28	Alterations in Perivascular Sympathetic and Nitrergic Innervation Function Induced by Late Pregnancy in Rat Mesenteric Arteries. PLoS ONE, 2015, 10, e0126017.	1.1	11
29	Fenofibrate increases neuronal vasoconstrictor response in mesenteric arteries from diabetic rats: Role of noradrenaline, neuronal nitric oxide and calcitonin gene-related peptide. European Journal of Pharmacology, 2011, 666, 142-149.	1.7	10
30	Decompensated liver cirrhosis and neural regulation of mesenteric vascular tone in rats: role of sympathetic, nitrergic and sensory innervations. Scientific Reports, 2016, 6, 31076.	1.6	10
31	Biphasic Effect of Diabetes on Neuronal Nitric Oxide Release in Rat Mesenteric Arteries. PLoS ONE, 2016, 11, e0156793.	1.1	10
32	Dexamethasone Decreases Contraction to Electrical Field Stimulation in Mesenteric Arteries from Spontaneously Hypertensive Rats through Decreases in Thromboxane A2 Release. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 1129-1136.	1.3	9
33	Portal hypertensive cardiovascular pathology: The rescue of ancestral survival mechanisms?. Clinics and Research in Hepatology and Gastroenterology, 2012, 36, 35-46.	0.7	9
34	Opposite Effect of Mast Cell Stabilizers Ketotifen and Tranilast on the Vasoconstrictor Response to Electrical Field Stimulation in Rat Mesenteric Artery. PLoS ONE, 2013, 8, e73232.	1.1	9
35	Aerobic exercise training increases nitrergic innervation function and decreases sympathetic innervation function in mesenteric artery from rats fed a high-fat diet. Journal of Hypertension, 2015, 33, 1819-1830.	0.3	9
36	Orchidectomy Increases Î²-Adrenoceptor Activation-Mediated Neuronal Nitric Oxide and Noradrenaline Release in Rat Mesenteric Artery. Neuroendocrinology, 2006, 84, 378-385.	1.2	8

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37	Relevance of vascular peroxisome proliferatorâ€activated receptor Î³ coactivatorâ€1Î± to molecular alterations in atherosclerosis. Experimental Physiology, 2013, 98, 999-1008.	0.9	8
38	Increased expression in calcitonin-like receptor induced by aldosterone in cerebral arteries from spontaneously hypertensive rats does not correlate with functional role of CGRP receptor. Regulatory Peptides, 2008, 146, 125-130.	1.9	7
39	Tranilast Increases Vasodilator Response to Acetylcholine in Rat Mesenteric Resistance Arteries through Increased EDHF Participation. PLoS ONE, 2014, 9, e100356.	1.1	7
40	Effects of Lipopolysaccharide on the Neuronal Control of Mesenteric Vascular Tone in Rats. Shock, 2012, 38, 328-334.	1.0	6
41	Acute-on-chronic liver disease enhances phenylephrine-induced endothelial nitric oxide release in rat mesenteric resistance arteries through enhanced PKA, PI3K/AKT and cGMP signalling pathways. Scientific Reports, 2019, 9, 6993.	1.6	6
42	Hepatic encephalopathy: Sometimes more portal than hepatic. Journal of Gastroenterology and Hepatology (Australia), 2019, 34, 490-494.	1.4	5
43	Enhanced sympathetic neurotransduction in the superior mesenteric artery in a rat model of heart failure: role of noradrenaline and ATP. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H563-H574.	1.5	5
44	Therapeutic Potential of Phosphodiesterase Inhibitors for Endothelial Dysfunction- Related Diseases. Current Pharmaceutical Design, 2020, 26, 3633-3651.	0.9	5
45	Supplementation with the Symbiotic Formulation ProdefenÂ® Increases Neuronal Nitric Oxide Synthase and Decreases Oxidative Stress in Superior Mesenteric Artery from Spontaneously Hypertensive Rats. Antioxidants, 2022, 11, 680.	2.2	5
46	A Blunted Sympathetic Function and an Enhanced Nitrergic Activity Contribute to Reduce Mesenteric Resistance in Hyperthyroidism. International Journal of Molecular Sciences, 2021, 22, 570.	1.8	4
47	Preventive Therapies for Chronic Migraine. New England Journal of Medicine, 2018, 378, 773-775.	13.9	2
48	Metabolism in Acute-On-Chronic Liver Failure: The Solution MoreÂthanÂtheÂProblem. Archives of Medical Research, 2019, 50, 271-284.	1.5	1
49	Hepatic Encephalopathy-Associated Cerebral Vasculopathy in Acute-on-Chronic Liver Failure: Alterations on Endothelial Factor Release and Influence on Cerebrovascular Function. Frontiers in Physiology, 2020, 11, 593371.	1.3	1
50	The Lymphatic Headmaster of the Mast Cell-Related Splanchnic Inflammation in Portal Hypertension. Cells, 2019, 8, 658.	1.8	0
51	Portal hypertension: The desperate search for the placenta. Current Research in Translational Medicine, 2019, 67, 56-61.	1.2	0
52	Letter to the Editor: The Portoâ€Hepatic Spectrum of Cirrhotic Encephalopathy. Hepatology, 2020, 71, 394-395.	3.6	0
53	The Wound-Healing Portal Hypertensive Response. , 0, , .		0
54	Editorial: Vascular Adjustments in Cardiovascular Disorders. Frontiers in Physiology, 2021, 12, 777488.	1.3	0