Mercedes Ferrer Parra

List of Publications by Year
in descending order

79 papers	1,343 citations	361045 20 h-index	433756 31 g-index
80 all docs	80 docs citations	80 times ranked	1158 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	Parenteral Nutritionâ€“Associated Hyperglycemia in Nonâ€“Critically Ill Inpatients Increases the Risk of In-Hospital Mortality (Multicenter Study). Diabetes Care, 2013, 36, 1061-1066.	4.3	78
3	Aldosterone induces endothelial dysfunction in resistance arteries from normotensive and hypertensive rats by increasing thromboxane A₂ and prostacyclin. British Journal of Pharmacology, 2008, 154, 1225-1235.	2.7	71
4	Estrogen Replacement Increases β-Adrenoceptor-Mediated Relaxation of Rat Mesenteric Arteries. Journal of Vascular Research, 1996, 33, 124-131.	0.6	57
5	Heterogeneity of Endothelium-Dependent Mechanisms in Different Rabbit Arteries. Journal of Vascular Research, 1995, 32, 339-346.	0.6	35
6	Role of K+ channels and sodium pump in the vasodilation induced by acetylcholine, nitric oxide, and cyclic GMP in the rabbit aorta. General Pharmacology, 1999, 33, 35-41.	0.7	35
7	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
8	Chronic treatment with the anabolic steroid, nandrolone, inhibits vasodilator responses in rabbit aorta. European Journal of Pharmacology, 1994, 252, 233-241.	1.7	34
9	Role of protein kinase C in electrical-stimulation-induced neuronal nitric oxide release in mesenteric arteries from hypertensive rats. Clinical Science, 2000, 99, 277-283.	1.8	32
10	Aging Increases Neuronal Nitric Oxide Release and Superoxide Anion Generation in Mesenteric Arteries from Spontaneously Hypertensive Rats. Journal of Vascular Research, 2003, 40, 509-519.	0.6	29
11	Estrogen Replacement Modulates Resistance Artery Smooth Muscle and Endothelial Î±2-Adrenoceptor Reactivity. Endothelium: Journal of Endothelial Cell Research, 1998, 6, 133-141.	1.7	27
12	Antihypertensive effects of androgens in conscious, spontaneously hypertensive rats. Journal of Steroid Biochemistry and Molecular Biology, 2017, 167, 106-114.	1.2	27
13	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
14	Wire Myography to Study Vascular Tone and Vascular Structure of Isolated Mouse Arteries. Methods in Molecular Biology, 2015, 1339, 255-276.	0.4	25
15	Diabetes alters neuronal nitric oxide release from rat mesenteric arteries. Role of protein kinase C. Life Sciences, 1999, 66, 337-345.	2.0	23
16	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
17	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
18	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

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19	Dexamethasone decreases neuronal nitric oxide release in mesenteric arteries from hypertensive rats through decreased protein kinase C activation. Clinical Science, 2009, 117, 305-312.	1.8	23
20	Effect of Dietary Docosahexaenoic Acid Supplementation on the Participation of Vasodilator Factors in Aorta from Orchidectomized Rats. PLoS ONE, 2015, 10, e0142039.	1.1	22
21	Presynaptic muscarinic receptor subtypes involved in the inhibition of acetylcholine and noradrenaline release in bovine cerebral arteries. Naunyn-Schmiedeberg's Archives of Pharmacology, 1992, 345, 619-626.	1.4	21
22	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
23	Comparison of the vasoconstrictor responses induced by endothelin and phorbol 12,13-dibutyrate in bovine cerebral arteries. Brain Research, 1992, 599, 186-196.	1.1	20
24	Long-term fenofibrate treatment impairs endothelium-dependent dilation to acetylcholine by altering the cyclooxygenase pathway. Cardiovascular Research, 2007, 75, 398-407.	1.8	20
25	Protein kinase A increases electrical stimulation-induced neuronal nitric oxide release in rat mesenteric artery. European Journal of Pharmacology, 2004, 487, 167-173.	1.7	18
26	Aldosterone increases RAMP1 expression in mesenteric arteries from spontaneously hypertensive rats. Regulatory Peptides, 2006, 134, 61-66.	1.9	18
27	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
28	Hypertension alters the function of nitrergic and sensory innervation in mesenteric arteries from female rats. Journal of Hypertension, 2009, 27, 791-799.	0.3	18
29	Gender differences in the endothelial regulation of Î±2-adrenoceptor-mediated contraction in the rat aorta. Clinical Science, 1999, 97, 19-25.	1.8	17
30	Regular insulin added to total parenteral nutrition vs subcutaneous glargine in non-critically ill diabetic inpatients, a multicenter randomized clinical trial: INSUPAR trial. Clinical Nutrition, 2020, 39, 388-394.	2.3	17
31	Vasoconstrictive responses elicited by endothelin in bovine cerebral arteries. General Pharmacology, 1992, 23, 263-267.	0.7	16
32	Angiotensin II increases neurogenic nitric oxide metabolism in mesenteric arteries from hypertensive rats. Life Sciences, 2001, 68, 1169-1179.	2.0	16
33	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
34	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
35	Prevalence of Diabetes, Prediabetes, and Stress Hyperglycemia: Insulin Therapy and Metabolic Control in Patients on Total Parenteral Nutrition (Prospective Multicenter Study). Endocrine Practice, 2015, 21, 59-67.	1.1	16
36	Aging alters neuronal nitric oxide release from rat mesenteric arteries: role of presynaptic Î²-adrenoceptors. Clinical Science, 2001, 101, 321-328.	1.8	15

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37	Role of protein kinase C in electrical-stimulation-induced neuronal nitric oxide release in mesenteric arteries from hypertensive rats. Clinical Science, 2000, 99, 277.	1.8	14
38	Orchidectomy increases the formation of non-endothelial thromboxane A2 and modulates its role in the electrical field stimulation-induced response in rat mesenteric artery. Journal of Endocrinology, 2008, 197, 371-379.	1.2	14
39	Treatment with the anabolic steroid, nandrolone, reduces vasoconstrictor responses in rabbit arteries. European Journal of Pharmacology, 1994, 258, 103-110.	1.7	13
40	Androgen deprivation facilitates acetylcholine-induced relaxation by superoxide anion generation. Clinical Science, 1999, 97, 625-631.	1.8	13
41	Role of female sex hormones in neuronal nitric oxide release and metabolism in rat mesenteric arteries. Clinical Science, 2002, 103, 239-247.	1.8	13
42	Ovariectomy increases the formation of prostanoids and modulates their role in acetylcholine-induced relaxation and nitric oxide release in the rat aorta. Cardiovascular Research, 2009, 84, 300-308.	1.8	13
43	Vasoactive androgens: Vasorelaxing effects and their potential regulation of blood pressure. Endocrine Research, 2018, 43, 166-175.	0.6	13
44	Time-Dependent Effect of Orchidectomy on Vascular Nitric Oxide and Thromboxane A2 Release. Functional Implications to Control Cell Proliferation through Activation of the Epidermal Growth Factor Receptor. PLoS ONE, 2014, 9, e102523.	1.1	13
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55	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
56	Conjugated Linoleic Acid Supplemented Diet Influences Serum Markers in Orchidectomized Spragueâ€Dawley Rats. European Journal of Lipid Science and Technology, 2020, 122, 1900098.	1.0	7
57	Docosahexaenoic Acid Supplemented Diet Influences the Orchidectomy-Induced Vascular Dysfunction in Rat Mesenteric Arteries. PLoS ONE, 2017, 12, e0168841.	1.1	7
58	<i>Spirulina</i> extract improves age-induced vascular dysfunction. Pharmaceutical Biology, 2022, 60, 627-637.	1.3	7
59	Effect of clenbuterol on the modulation of noradrenaline release in the rat tail artery. Autonomic and Autacoid Pharmacology, 1996, 16, 243-250.	0.7	6
60	Defective p27 phosphorylation at serine 10 affects vascular reactivity and increases abdominal aortic aneurysm development via Cox-2 activation. Journal of Molecular and Cellular Cardiology, 2018, 116, 5-15.	0.9	6
61	Androgen Deprivation Therapy in Patients With Prostate Cancer Increases Serum Levels of Thromboxane A2: Cardiovascular Implications. Frontiers in Cardiovascular Medicine, 2021, 8, 653126.	1.1	6
62	Different effects of acute clenbuterol on vasomotor response in mesenteric arteries from young and old spontaneously hypertensive rats. European Journal of Pharmacology, 2003, 466, 289-299.	1.7	5
63	Effect of age on the vasorelaxation elicited by cromakalim. Role of K+ channels and cyclic GMP. Life Sciences, 1998, 63, 2071-2078.	2.0	4
64	Androgen deprivation facilitates acetylcholine-induced relaxation by superoxide anion generation. Clinical Science, 1999, 97, 625.	1.8	4
65	Aging alters neuronal nitric oxide release from rat mesenteric arteries: role of presynaptic Î2-adrenoceptors. Clinical Science, 2001, 101, 321.	1.8	4
66	Chronic ouabain treatment increases the contribution of nitric oxide to endothelium-dependent relaxation. Journal of Physiology and Biochemistry, 2008, 64, 115-125.	1.3	4
67	Risk Factors for Hypoglycemia in Inpatients with Total Parenteral Nutrition and Type 2 Diabetes: A Post HOC Analysis of the Insupar Study. Endocrine Practice, 2020, 26, 604-611.	1.1	4
68	Vasoconstrictive effects of angiotensin I and II in cat femoral arteries. Role of endothelium. General Pharmacology, 1992, 23, 1171-1175.	0.7	3
69	Angiotensin modulation of vascular tone and adrenergic neurotransmission in cat femoral arteries. General Pharmacology, 1994, 25, 1691-1697.	0.7	3
70	Involvement of protein kinase C in the supersensitivity to 5-HT caused by oxidized low-density lipoproteins. Life Sciences, 1997, 61, 1331-1339.	2.0	3
71	Phorbol Dibutyrate Induces Contractions in Bovine Cerebral Arteries by an Extracellular Calcium-independent Mechanism. Journal of Pharmacy and Pharmacology, 2011, 45, 274-279.	1.2	3
72	Beneficial Effects of Spirulina Aqueous Extract on Vasodilator Function of Arteries from Hypertensive Rats. International Journal of Vascular Medicine, 2020, 2020, 1-9.	0.4	3

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73	Dietary docosahexaenoic acid supplementation prevents the formation of cholesterol oxidation products in arteries from orchidectomized rats. PLoS ONE, 2017, 12, e0185805.	1.1	3
74	Gonadal function protects against organ culture-induced vascular damage. Involvement of prostanoids. Prostaglandins and Other Lipid Mediators, 2020, 148, 106406.	1.0	2
75	Effect of CLA supplementation on factors related to vascular dysfunction in arteries of orchidectomized rats. Prostaglandins and Other Lipid Mediators, 2021, 157, 106586.	1.0	2
76	Vasomotor action of androgens in the mesenteric artery of hypertensive rats. Role of perivascular innervation. PLoS ONE, 2021, 16, e0246254.	1.1	1
77	Effects Of Cla On Orchidectomy-Associated Alterations In Serum Biomarkers. Atherosclerosis, 2019, 287, e173-e174.	0.4	0
78	Effects of Spirulina Extracts on Vasodilator Function of Arteries from Hypertensive Rats. FASEB Journal, 2018, 32, 847.3.	0.2	0
79	Involvement of NO and ROS in Organ Cultureâ€induced Vascular Damage. Influence of Androgenic Function. FASEB Journal, 2018, 32, 584.6.	0.2	0