Belen Climent

List of Publications by Year
in descending order

34	571	623188 14	676716 22
papers	citations	h-index	g-index

34	34	34	792
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential contribution of Nox1, Nox2 and Nox4 to kidney vascular oxidative stress and endothelial dysfunction in obesity. Redox Biology, 2020, 28, 101330.	3.9	76
2	Role of Neural NO Synthase (nNOS) Uncoupling in the Dysfunctional Nitrergic Vasorelaxation of Penile Arteries from Insulin-Resistant Obese Zucker Rats. PLoS ONE, 2012, 7, e36027.	1.1	45
3	Tissueâ€specific upâ€regulation of arginase <scp>I</scp> and <scp>II</scp> induced by p38 <scp>MAPK</scp> mediates endothelial dysfunction in type 1 diabetes mellitus. British Journal of Pharmacology, 2015, 172, 4684-4698.	2.7	37
4	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.	1.1	32
5	Signaling pathways involved in the H2O2-induced vasoconstriction of rat coronary arteries. Free Radical Biology and Medicine, 2013, 60, 136-146.	1.3	29
6	Insulin resistance in penile arteries from a rat model of metabolic syndrome. British Journal of Pharmacology, 2010, 161, 350-364.	2.7	26
7	Hydrogen peroxide activates storeâ€operated Ca²⁺ entry in coronary arteries. British Journal of Pharmacology, 2015, 172, 5318-5332.	2.7	24
8	Effects of Obesity on Vascular Potassium Channels. Current Vascular Pharmacology, 2014, 12, 438-452.	0.8	22
9	Impaired Endothelin Calcium Signaling Coupled to Endothelin Type B Receptors in Penile Arteries from Insulin-Resistant Obese Zucker Rats. Journal of Sexual Medicine, 2013, 10, 2141-2153.	0.3	19
10	Enhanced response of pig coronary arteries to endothelin-1 after ischemiaâ€“reperfusion. Role of endothelin receptors, nitric oxide and prostanoids. European Journal of Pharmacology, 2005, 524, 102-110.	1.7	18
11	Augmented oxidative stress and preserved vasoconstriction induced by hydrogen peroxide in coronary arteries in obesity: role of COXâ€2. British Journal of Pharmacology, 2016, 173, 3176-3195.	2.7	17
12	Effects of diabetes on the vascular response to nitric oxide and constrictor prostanoids: gender and regional differences. Life Sciences, 2003, 72, 1537-1547.	2.0	16
13	Relaxation by urocortin of rat renal arteries: effects of diabetes in males and females. Cardiovascular Research, 2003, 58, 706-711.	1.8	15
14	Coronary reactivity to endothelin-1 during partial ischemia and reperfusion in anesthetized goats. Role of nitric oxide and prostanoids. European Journal of Pharmacology, 2002, 457, 161-168.	1.7	14
15	Mechanisms of relaxation by urocortin in renal arteries from male and female rats. British Journal of Pharmacology, 2003, 140, 1003-1007.	2.7	14
16	Intact rat superior mesenteric artery endothelium is an electrical syncytium and expresses strong inward rectifier K+ conductance. Biochemical and Biophysical Research Communications, 2011, 410, 501-507.	1.0	14
17	Mechanisms of the protective effects of urocortin on coronary endothelial function during ischemia-reperfusion in rat isolated hearts. British Journal of Pharmacology, 2005, 145, 490-494.	2.7	13
18	Urocortin Protects Coronary Endothelial Function During Ischemia-Reperfusion: A Brief Communication. Experimental Biology and Medicine, 2004, 229, 118-120.	1.1	12

#	Article	IF	Citations
19	In vivo coronary effects of endothelin-1 after ischemia?reperfusion. Role of nitric oxide and prostanoids. European Journal of Pharmacology, 2003, 481, 109-117.	1.7	11
20	Vascular reactivity to vasopressin during diabetes: gender and regional differences. European Journal of Pharmacology, 2003, 459, 247-254.	1.7	11
21	Large conductance Ca2+-activated K+ channels modulate endothelial cell outward currents and nitric oxide release in the intact rat superior mesenteric artery. Biochemical and Biophysical Research Communications, 2012, 417, 1007-1013.	1.0	11
22	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.	0.4	11
23	Metabolic syndrome inhibits store-operated Ca2+ entry and calcium-induced calcium-release mechanism in coronary artery smooth muscle. Biochemical Pharmacology, 2020, 182, 114222.	2.0	11
24	Coronary effects of vasopressin during partial ischemia and reperfusion in anesthetized goats. Role of nitric oxide and prostanoids. European Journal of Pharmacology, 2003, 473, 55-63.	1.7	10
25	Effect of ischemia duration and nitric oxide on coronary vasoconstriction after ischemiaâ€“reperfusion. European Journal of Pharmacology, 2005, 509, 165-170.	1.7	10
26	Mechanisms involved in the effects of endothelin-1 in pig prostatic small arteries. European Journal of Pharmacology, 2010, 640, 190-196.	1.7	10
27	Impaired Ca 2+ handling in resistance arteries from genetically obese Zucker rats: Role of the PI3K, ERK1/2 and PKC signaling pathways. Biochemical Pharmacology, 2018, 152, 114-128.	2.0	10
28	Vasopressin effects on the coronary circulation after a short ischemia in anesthetized goats. European Journal of Pharmacology, 2004, 495, 171-177.	1.7	9
29	Goat cerebrovascular reactivity to ADP after ischemiaâ€“reperfusion. Role of nitric oxide, prostanoids and reactive oxygen species. Brain Research, 2006, 1120, 114-123.	1.1	8
30	Relaxation of rat arteries by urocortin: effects of gender and diabetes. Journal of Pharmacy and Pharmacology, 2010, 55, 783-788.	1.2	5
31	Role of K+ channels in the coronary and renal vascular reactivity to vasopressin in diabetic rats. European Journal of Pharmacology, 2003, 471, 35-40.	1.7	4
32	Mechanisms involved in the adenosine-induced vasorelaxation to the pig prostatic small arteries. Purinergic Signalling, 2011, 7, 413-425.	1.1	4
33	Effects of antagonists for endothelin ETA and ETB receptors on coronary endothelial and myocardial function after ischemia-reperfusion in anesthetized goats. Vascular Pharmacology, 2006, 44, 384-390.	1.0	2
34	Vasoconstrictor prostanoids may be involved in reduced coronary reactive hyperemia after ischemiaâ€“reperfusion in anesthetized goats. European Journal of Pharmacology, 2006, 530, 234-242.	1.7	1