Pilar Martinez, P Martinez

List of Publications by Year
in descending order

44 papers	804 citations	535685 17 h-index	591227 27 g-index
44 all docs	44 docs citations	44 times ranked	1202 citing authors

#	Article	IF	Citations
1	Endothelial K Ca 1.1 and K Ca 3.1 channels mediate rat intrarenal artery endotheliumâ€derived hyperpolarization response. Acta Physiologica, 2021, 231, e13598.	1.8	5
2	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
3	Bladder Dysfunction in an Obese Zucker Rat: The Role of TRPA1 Channels, Oxidative Stress, and Hydrogen Sulfide. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-12.	1.9	9
4	Phosphodiesterase type 4 inhibition enhances nitric oxide- and hydrogen sulfide-mediated bladder neck inhibitory neurotransmission. Scientific Reports, 2018, 8, 4711.	1.6	8
5	Hydrogen peroxide derived from NADPH oxidase 4- and 2 contributes to the endothelium-dependent vasodilatation of intrarenal arteries. Redox Biology, 2018, 19, 92-104.	3.9	36
6	CYP epoxygenase-derived H 2 O 2 is involved in the endothelium-derived hyperpolarization (EDH) and relaxation of intrarenal arteries. Free Radical Biology and Medicine, 2017, 106, 168-183.	1.3	21
7	Preâ€•and postâ€junctional bradykinin B₂ receptors regulate smooth muscle tension to the pig intravesical ureter. Neurourology and Urodynamics, 2016, 35, 115-121.	0.8	6
8	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
9	Role of endogenous hydrogen sulfide in nerve-evoked relaxation of pig terminal bronchioles. Pulmonary Pharmacology and Therapeutics, 2016, 41, 1-10.	1.1	2
10	Impaired Excitatory Neurotransmission in the Urinary Bladder from the Obese Zucker Rat: Role of Cannabinoid Receptors. PLoS ONE, 2016, 11, e0157424.	1.1	3
11	COX-2 is involved in vascular oxidative stress and endothelial dysfunction of renal interlobar arteries from obese Zucker rats. Free Radical Biology and Medicine, 2015, 84, 77-90.	1.3	60
12	Diminished Neurogenic Femoral Artery Vasoconstrictor Response in a Zucker Obese Rat Model: Differential Regulation of NOS and COX Derivatives. PLoS ONE, 2014, 9, e106372.	1.1	4
13	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
14	Endothelin A (ETA) Receptors Are Involved in Augmented Adrenergic Vasoconstriction and Blunted Nitric Oxide-Mediated Relaxation of Penile Arteries from Insulin-Resistant Obese Zucker Rats. Journal of Sexual Medicine, 2014, 11, 1463-1474.	0.3	9
15	Powerful Relaxation of Phosphodiesterase Type 4 Inhibitor Rolipram in the Pig and Human Bladder Neck. Journal of Sexual Medicine, 2014, 11, 930-941.	0.3	12
16	Neuronal and non-neuronal bradykinin receptors are involved in the contraction and/or relaxation to the pig bladder neck smooth muscle. Neurourology and Urodynamics, 2014, 33, 558-565.	0.8	4
17	Endothelinâ€1 contributes to endothelial dysfunction and enhanced vasoconstriction through augmented superoxide production in penile arteries from insulinâ€resistant obese rats: role of <scp>ET_A</scp> and <scp>ET_B</scp> receptors. British Journal of Pharmacology, 2014, 171, 5682-5695.	2.7	42
18	Hydrogen Sulfide Plays a Key Role in the Inhibitory Neurotransmission to the Pig Intravesical Ureter. PLoS ONE, 2014, 9, e113580.	1.1	22

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19	Endogenous Hydrogen Sulfide has a Powerful Role in Inhibitory Neurotransmission to the Pig Bladder Neck. Journal of Urology, 2013, 189, 1567-1573.	0.2	26
20	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
21	Endothelin ET_B Receptors Are Involved in the Relaxation to the Pig Urinary Bladder neck. Neurourology and Urodynamics, 2012, 31, 688-694.	0.8	3
22	Endothelial and neural factors functionally involved in the modulation of noradrenergic vasoconstriction in healthy pig internal mammary artery. Biochemical Pharmacology, 2012, 83, 882-892.	2.0	2
23	Mechanisms involved in endothelinâ€1â€induced contraction of the pig urinary bladder neck. Neurourology and Urodynamics, 2012, 31, 156-161.	0.8	3
24	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
25	Role of Calcitonin Gene-Related Peptide in Inhibitory Neurotransmission to the Pig Bladder Neck. Journal of Urology, 2011, 186, 728-735.	0.2	7
26	Mechanisms involved in the adenosine-induced vasorelaxation to the pig prostatic small arteries. Purinergic Signalling, 2011, 7, 413-425.	1.1	4
27	Mechanisms involved in the nitric oxide-induced vasorelaxation in porcine prostatic small arteries. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 245-253.	1.4	5
28	Altered arachidonic acid metabolism via COXâ€1 and COXâ€2 contributes to the endothelial dysfunction of penile arteries from obese Zucker rats. British Journal of Pharmacology, 2010, 159, 604-616.	2.7	25
29	Insulin resistance in penile arteries from a rat model of metabolic syndrome. British Journal of Pharmacology, 2010, 161, 350-364.	2.7	26
30	Enhanced cyclooxygenase 2-mediated vasorelaxation in coronary arteries from insulin-resistant obese Zucker rats. Atherosclerosis, 2010, 213, 392-399.	0.4	29
31	Differential structural and functional changes in penile and coronary arteries from obese Zucker rats. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H696-H707.	1.5	56
32	Endothelial and potassium channel dependent modulation of noradrenergic vasoconstriction in the pig radial artery. European Journal of Pharmacology, 2009, 616, 166-174.	1.7	12
33	Noradrenergic vasoconstriction of pig prostatic small arteries. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 376, 397-406.	1.4	17
34	Stereological Study of the External Urethral Sphincter in the Female Urethra of the Lamb: A New Model for Studies on Urinary Continence. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2005, 34, 85-92.	0.3	8
35	Immunohistochemical and functional evidence for a noradrenergic regulation in the horse penile deep dorsal vein. International Journal of Impotence Research, 2004, 16, 486-491.	1.0	6
36	Heterogeneity of the neuropeptide Y (NPY) contractile and relaxing receptors in horse penile small arteries. British Journal of Pharmacology, 2004, 143, 976-986.	2.7	13

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37	Neurochemical heterogeneity of the thalamic reticular and perireticular nuclei in developing rabbits: patterns of calbindin expression. Developmental Brain Research, 2003, 144, 211-221.	2.1	5
38	The thalamic reticular and perireticular nuclei in developing rabbits: patterns of parvalbumin expression. Developmental Brain Research, 2002, 136, 123-133.	2.1	6
39	NADPH-diaphorase distribution in the rabbit superior colliculus and co-localization with calcium-binding proteins. Journal of Anatomy, 2002, 200, 297-308.	0.9	11
40	Age-related changes in the ventricular system of the dog brain. Annals of Anatomy, 2001, 183, 283-291.	1.0	40
41	Calbindin D28k and parvalbumin immunoreactivity in the rabbit superior colliculus: An anatomical study. The Anatomical Record, 2000, 259, 334-346.	2.3	23
42	A Quantitative Study of Ganglion Cells in the Goat Retina. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 1997, 26, 39-44.	0.3	17
43	Spinal cord central canal of the German shepherd dog: Morphological, histological, and ultrastructural considerations. Journal of Morphology, 1995, 224, 205-212.	0.6	17
44	A Quantitative Study of Ganglion Cells in the German Shepherd Dog Retina. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 1995, 24, 61-65.	0.3	11