

# Carlos Henrique Castro

## List of Publications by Citations

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40  
papers

1,233  
citations

16  
h-index

35  
g-index

44  
ext. papers

1,320  
ext. citations

4.6  
avg, IF

3.49  
L-index

#	Paper	IF	Citations
40	Angiotensin-(1-7) counterregulates angiotensin II signaling in human endothelial cells. <i>Hypertension</i> , <b>2007</b> , 50, 1093-8	8.5	218
39	Impairment of in vitro and in vivo heart function in angiotensin-(1-7) receptor MAS knockout mice. <i>Hypertension</i> , <b>2006</b> , 47, 996-1002	8.5	189
38	Evidence for a functional interaction of the angiotensin-(1-7) receptor Mas with AT1 and AT2 receptors in the mouse heart. <i>Hypertension</i> , <b>2005</b> , 46, 937-42	8.5	145
37	Genetic deletion of the angiotensin-(1-7) receptor Mas leads to glomerular hyperfiltration and microalbuminuria. <i>Kidney International</i> , <b>2009</b> , 75, 1184-1193	9.9	113
36	Angiotensin-converting enzyme 2 activation improves endothelial function. <i>Hypertension</i> , <b>2013</b> , 61, 1233-8	8.5	71
35	New cardiovascular and pulmonary therapeutic strategies based on the Angiotensin-converting enzyme 2/angiotensin-(1-7)/mas receptor axis. <i>International Journal of Hypertension</i> , <b>2012</b> , 2012, 147825-4	2.4	51
34	Isoproterenol-induced impairment of heart function and remodeling are attenuated by the nonpeptide angiotensin-(1-7) analogue AVE 0991. <i>Life Sciences</i> , <b>2007</b> , 81, 916-23	6.8	49
33	Effects of genetic deletion of angiotensin-(1-7) receptor Mas on cardiac function during ischemia/reperfusion in the isolated perfused mouse heart. <i>Life Sciences</i> , <b>2006</b> , 80, 264-8	6.8	42
32	Attenuation of isoproterenol-induced cardiac fibrosis in transgenic rats harboring an angiotensin-(1-7)-producing fusion protein in the heart. <i>Therapeutic Advances in Cardiovascular Disease</i> , <b>2010</b> , 4, 83-96	3.4	41
31	Angiotensin-(1-7) receptor Mas is an essential modulator of extracellular matrix protein expression in the heart. <i>Regulatory Peptides</i> , <b>2012</b> , 175, 30-42		34
30	Angiotensin II type 1 receptor blockade restores angiotensin-(1-7)-induced coronary vasodilation in hypertrophic rat hearts. <i>Clinical Science</i> , <b>2013</b> , 125, 449-59	6.5	34
29	Renal function in transgenic rats expressing an angiotensin-(1-7)-producing fusion protein. <i>Regulatory Peptides</i> , <b>2006</b> , 137, 128-33		30
28	PnPP-19, a Synthetic and Nontoxic Peptide Designed from a Phoneutria nigriventer Toxin, Potentiates Erectile Function via NO/cGMP. <i>Journal of Urology</i> , <b>2015</b> , 194, 1481-90	2.5	29
27	Abolition of reperfusion-induced arrhythmias in hearts from thiamine-deficient rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2007</b> , 293, H394-401	5.2	24
26	Kinin B1 receptor participates in the control of cardiac function in mice. <i>Life Sciences</i> , <b>2007</b> , 81, 814-22	6.8	22
25	Vasodilator Effect of Angiotensin-(1-7) on Vascular Coronary Bed of Rats: Role of Mas, ACE and ACE2. <i>Protein and Peptide Letters</i> , <b>2017</b> , 24, 869-875	1.9	17
24	Stimulation of the ACE2/Ang-(1-7)/Mas axis in hypertensive pregnant rats attenuates cardiovascular dysfunction in adult male offspring. <i>Hypertension Research</i> , <b>2019</b> , 42, 1883-1893	4.7	16

23	Cardioprotective effects of diminazene aceturate in pressure-overloaded rat hearts. <i>Life Sciences</i> , <b>2016</b> , 155, 63-9	6.8	15
22	Manganese ferrite-based nanoparticles induce ex vivo, but not in vivo, cardiovascular effects. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 3299-312	7.3	13
21	Investigation of the cardiomyocyte dysfunction in bradykinin type 2 receptor knockout mice. <i>Life Sciences</i> , <b>2010</b> , 87, 715-23	6.8	12
20	A1 noradrenergic neurons lesions reduce natriuresis and hypertensive responses to hypernatremia in rats. <i>PLoS ONE</i> , <b>2013</b> , 8, e73187	3.7	11
19	Endothelium-Dependent Vasorelaxant Effect of Butanolic Fraction from Caryocar brasiliense Camb. Leaves in Rat Thoracic Aorta. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2012</b> , 2012, 934142 <sup>3</sup>	2.3	9
18	The Newly Synthesized Pyrazole Derivative 5-(1-(3 Fluorophenyl)-1-Pyrazol-4-yl)-2-Tetrazole Reduces Blood Pressure of Spontaneously Hypertensive Rats NO/cGMO Pathway. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1073	4.6	7
17	Blockade of Rostral Ventrolateral Medulla (RVLM) Bombesin Receptor Type 1 Decreases Blood Pressure and Sympathetic Activity in Anesthetized Spontaneously Hypertensive Rats. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 205	4.6	7
16	Induction of apoptosis in Ehrlich ascites tumour cells via p53 activation by a novel small-molecule MDM2 inhibitor - LQFM030. <i>Journal of Pharmacy and Pharmacology</i> , <b>2016</b> , 68, 1143-59	4.8	7
15	Cardiovascular effects of small peptides of the renin angiotensin system. <i>Physiological Reports</i> , <b>2017</b> , 5, e13505	2.6	5
14	Mas receptor contributes to pregnancy-induced cardiac remodelling. <i>Clinical Science</i> , <b>2016</b> , 130, 2305-2316	3.5	4
13	Influence of antihypertensive drugs on aortic and coronary effects of Ang-(1-7) in pressure-overloaded rats. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2017</b> , 50, e5520	2.8	3
12	High salt intake during puberty leads to cardiac remodelling and baroreflex impairment in lean and obese male Wistar rats. <i>British Journal of Nutrition</i> , <b>2020</b> , 123, 642-651	3.6	3
11	Oxidonitregic and antioxidant effects of a low molecular weight peptide fraction from hardened bean ( <i>Phaseolus vulgaris</i> ) on endothelium. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2021</b> , 54, e10423	2.8	3
10	Novel choline analog 2-(4-((1-phenyl-1H-pyrazol-4-yl)methyl)piperazin-1-yl)ethan-1-ol produces sympathoinhibition, hypotension, and antihypertensive effects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2019</b> , 392, 1071-1083	3.4	2
9	Behavioral effects evoked by the beta globin-derived nonapeptide LVV-H6. <i>Peptides</i> , <b>2019</b> , 115, 59-68	3.8	2
8	Effect of angiotensin II and angiotensin-(1-7) on proliferation of stem cells from human dental apical papilla. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 366-378	7	1
7	BJ-PRO-7A and BJ-PRO-10C induce vasodilatation and inotropic effects in normotensive and hypertensive rats: Role of nitric oxide and muscarinic receptors. <i>Peptides</i> , <b>2018</b> , 110, 1-9	3.8	1
6	Combined oral contraceptives promote androgen receptor and oestrogen receptor alpha upregulation in the female prostate (Skene's paraurethral glands) of adult gerbils ( <i>Meriones unguiculatus</i> ). <i>Reproduction, Fertility and Development</i> , <b>2018</b> , 30, 1286-1297	1.8	1

5	Maternal postnatal early overfeeding induces sex-related cardiac dysfunction and alters sexually hormones levels in young offspring.. <i>Journal of Nutritional Biochemistry</i> , <b>2022</b> , 108969	6.3	1
4	Brain and kidney GHS-R1a underexpression is associated with changes in renal function and hemodynamics during neurogenic hypertension. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 518, 110984	4.4	0
3	Medullary Noradrenergic Neurons Mediate Hemodynamic Responses to Osmotic and Volume Challenges. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 649535	4.6	0
2	Association of exercise training and angiotensin-converting enzyme 2 activator improves baroreflex sensitivity of spontaneously hypertensive rats. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2016</b> , 49, e5349	2.8	0
1	Cardioprotective effects of the proline-rich oligopeptide Bj-PRO-7a in spontaneously hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2021</b> , 48, 1693-1703	3	0