

Carlos Henrique Xavier

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76
papers

720
citations

14
h-index

24
g-index

81
ext. papers

843
ext. citations

3.2
avg, IF

3.55
L-index

#	Paper	IF	Citations
76	The dorsomedial hypothalamus and the central pathways involved in the cardiovascular response to emotional stress. <i>Neuroscience</i> , 2011 , 184, 64-74	3.9	78
75	Chronic infusion of angiotensin-(1-7) into the lateral ventricle of the brain attenuates hypertension in DOCA-salt rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H393-400 ^{5.2}	5.2	46
74	Do the cardiovascular effects of angiotensin-converting enzyme (ACE) I involve ACE-independent mechanisms? new insights from proline-rich peptides of <i>Bothrops jararaca</i> . <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 795-805	4.7	46
73	Activation of angiotensin-converting enzyme 2/angiotensin-(1-7)/Mas axis attenuates the cardiac reactivity to acute emotional stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H1057-67	5.2	38
72	Emotional stress and sympathetic activity: contribution of dorsomedial hypothalamus to cardiac arrhythmias. <i>Brain Research</i> , 2014 , 1554, 49-58	3.7	36
71	Cardiovascular responses evoked by activation or blockade of GABA(A) receptors in the hypothalamic PVN are attenuated in transgenic rats with low brain angiotensinogen. <i>Brain Research</i> , 2012 , 1448, 101-10	3.7	34
70	Functional asymmetry in the descending cardiovascular pathways from dorsomedial hypothalamic nucleus. <i>Neuroscience</i> , 2009 , 164, 1360-8	3.9	34
69	Angiotensin-(1-7) in the basolateral amygdala attenuates the cardiovascular response evoked by acute emotional stress. <i>Brain Research</i> , 2015 , 1594, 183-9	3.7	24
68	Functional topography of cardiovascular regulation along the rostrocaudal axis of the rat posterior insular cortex. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 484-93	3	24
67	Hemorphin and hemorphin-like peptides isolated from dog pancreas and sheep brain are able to potentiate bradykinin activity in vivo. <i>Peptides</i> , 2006 , 27, 2957-66	3.8	24
66	Chronic overexpression of angiotensin-(1-7) in rats reduces cardiac reactivity to acute stress and dampens anxious behavior. <i>Stress</i> , 2017 , 20, 189-196	3	21
65	Asymmetry in the control of cardiac performance by dorsomedial hypothalamus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R664-74	3.2	21
64	Asymmetric sympathetic output: The dorsomedial hypothalamus as a potential link between emotional stress and cardiac arrhythmias. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017 , 207, 22-27	2.4	16
63	BPP-5a produces a potent and long-lasting NO-dependent antihypertensive effect. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2011 , 5, 281-95	3.4	15
62	Cardiovascular and behavioral effects produced by administration of liposome-entrapped GABA into the rat central nervous system. <i>Neuroscience</i> , 2015 , 285, 60-9	3.9	13
61	The Nitric oxide/CGMP/KATP pathway mediates systemic and central antinociception induced by resistance exercise in rats. <i>International Journal of Neuroscience</i> , 2015 , 125, 765-73	2	13
60	Heterocyclic Compounds: Pharmacology of Pyrazole Analogs From Rational Structural Considerations. <i>Frontiers in Pharmacology</i> , 2021 , 12, 666725	5.6	13

59	Antioxidant and Neuroprotective Properties of Leaves. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 3250908	6.7	13
58	A1 noradrenergic neurons lesions reduce natriuresis and hypertensive responses to hypernatremia in rats. <i>PLoS ONE</i> , 2013 , 8, e73187	3.7	11
57	The hemoglobin derived peptide LVV-hemorphin-7 evokes behavioral effects mediated by oxytocin receptors. <i>Neuropeptides</i> , 2017 , 66, 59-68	3.3	10
56	Renal sympathetic nerve activity is increased in monosodium glutamate induced hyperadipose rats. <i>Neuroscience Letters</i> , 2012 , 522, 118-22	3.3	10
55	Nephroprotective effect of <i>Rudgea viburnoides</i> (Cham.) Benth leaves on gentamicin-induced nephrotoxicity in rats. <i>Journal of Ethnopharmacology</i> , 2017 , 201, 100-107	5	9
54	Postnatal early overfeeding induces cardiovascular dysfunction by oxidative stress in adult male Wistar rats. <i>Life Sciences</i> , 2019 , 226, 173-184	6.8	9
53	Ghrelin potentiates cardiac reactivity to stress by modulating sympathetic control and beta-adrenergic response. <i>Life Sciences</i> , 2018 , 196, 84-92	6.8	9
52	Involvement of the median preoptic nucleus in blood pressure control. <i>Neuroscience Letters</i> , 2014 , 558, 91-6	3.3	9
51	Bezold-Jarisch reflex in sino-aortic denervated malnourished rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 162, 48-53	2.4	9
50	Combination of Diet Quality Score, Plasma Carotenoids, and Lipid Peroxidation to Monitor Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 8601028	6.7	9
49	Involvement of GABAergic and Adrenergic Neurotransmissions on Paraventricular Nucleus of Hypothalamus in the Control of Cardiac Function. <i>Frontiers in Physiology</i> , 2018 , 9, 670	4.6	8
48	Autonomic and cardiovascular consequences resulting from experimental hemorrhagic stroke in the left or right intermediate insular cortex in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020 , 227, 102695	2.4	7
47	Insights into cardiovascular effects of proline-rich oligopeptide (Bj-PRO-10c) revealed by structure-activity analyses: dissociation of antihypertensive and bradycardic effects. <i>Amino Acids</i> , 2014 , 46, 401-13	3.5	7
46	Median preoptic nucleus mediates the cardiovascular recovery induced by hypertonic saline in hemorrhagic shock. <i>Scientific World Journal, The</i> , 2014 , 2014, 496121	2.2	7
45	High sodium intake during postnatal phases induces an increase in arterial blood pressure in adult rats. <i>British Journal of Nutrition</i> , 2014 , 112, 1923-32	3.6	7
44	Protein malnutrition modifies medullary neuronal recruitment in response to intermittent stimulation of the baroreflex. <i>Brain Research</i> , 2012 , 1483, 20-30	3.7	7
43	Sympathoinhibition to Bezold-Jarisch reflex is attenuated in protein malnourished rats. <i>Neuroscience Letters</i> , 2011 , 488, 129-32	3.3	7
42	Excitatory amino acid receptors mediate asymmetry and lateralization in the descending cardiovascular pathways from the dorsomedial hypothalamus. <i>PLoS ONE</i> , 2014 , 9, e112412	3.7	7

41	Differential control of vasomotion by angiotensins in the rostral ventrolateral medulla of hypertensive rats. <i>Neuropeptides</i> , 2015 , 53, 11-8	3.3	5
40	Cerebral Lipid Dynamics in Chronic Cerebral Hypoperfusion Model by DESI-MS Imaging. <i>Neuroscience</i> , 2020 , 426, 1-12	3.9	5
39	Median preoptic nucleus excitatory neurotransmitters in the maintenance of hypertensive state. <i>Brain Research Bulletin</i> , 2018 , 142, 207-215	3.9	5
38	Stating asymmetry in neural pathways: methodological trends in autonomic neuroscience. <i>International Journal of Neuroscience</i> , 2018 , 128, 1078-1085	2	4
37	Malnutrition alters the cardiovascular responses induced by central injection of tityustoxin in Fischer rats. <i>Toxicon</i> , 2013 , 76, 343-9	2.8	4
36	Antiepileptic effects of long-term intracerebroventricular infusion of angiotensin-(1-7) in an animal model of temporal lobe epilepsy. <i>Clinical Science</i> , 2020 , 134, 2263-2277	6.5	4
35	Milk restriction or oligosaccharide supplementation in calves improves compensatory gain and digestive tract development without changing hormone levels. <i>PLoS ONE</i> , 2019 , 14, e0214626	3.7	3
34	Involvement of median preoptic nucleus and medullary noradrenergic neurons in cardiovascular and sympathetic responses of hemorrhagic rats. <i>Scientific Reports</i> , 2018 , 8, 11276	4.9	3
33	The role of dorsomedial hypothalamus ionotropic glutamate receptors in the hypertensive and tachycardic responses evoked by Tityustoxin intracerebroventricular injection. <i>NeuroToxicology</i> , 2015 , 47, 54-61	4.4	3
32	Efferent pathways in sodium overload-induced renal vasodilation in rats. <i>PLoS ONE</i> , 2014 , 9, e109620	3.7	3
31	In vivo effect of orally given polyvinyl alcohol/starch nanocomposites containing bioactive peptides from <i>Phaseolus vulgaris</i> beans. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 209, 112213	6	3
30	Ventromedial medullary pathway mediating cardiac responses evoked from periaqueductal gray. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020 , 228, 102716	2.4	3
29	Tachycardia evoked from insular stroke in rats is dependent on glutamatergic neurotransmission in the dorsomedial hypothalamus. <i>European Journal of Neurology</i> , 2021 , 28, 3640-3649	6	3
28	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> , 2021 , 54, e10423	2.8	3
27	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> , 2019 , 392, 1071-1083	3.4	2
26	Behavioral effects evoked by the beta globin-derived nonapeptide LVV-H6. <i>Peptides</i> , 2019 , 115, 59-68	3.8	2
25	Role of dorsal raphe nucleus GHS-R1a receptors in the regulation of inhibitory avoidance and escape behaviors in rats. <i>Behavioural Brain Research</i> , 2019 , 365, 178-184	3.4	2
24	DORSOMEDIAL HYPOTHALAMUS AND MEDULLARY RAPHE MEDIATE RESPIRATORY AROUSAL RESPONSES IN RATS. <i>FASEB Journal</i> , 2010 , 24,	0.9	2

23	Cardiac chronotropic and inotropic responses evoked from right or left sides of dorsomedial hypothalamus. <i>FASEB Journal</i> , 2010 , 24, 1019.20	0.9	2
22	Bj-PRO-5a and Bj-PRO 10c Found at C-Type Natriuretic Peptide Precursor of Bothrops jararaca Change Renal Function of Hypertensive Rats. <i>International Journal of Peptide Research and Therapeutics</i> , 2017 , 23, 381-385	2.1	1
21	Comments on Point:Counterpoint: The dominant contributor to systemic hypertension: Chronic activation of the sympathetic nervous system vs. Activation of the intrarenal renin-angiotensin system. Activated intrarenal renin-angiotensin system is correlated with high blood pressure in humans. <i>Journal of Applied Physiology</i> , 2010 , 109, 2003	3.7	1
20	Early postnatal exposure of rat pups to methylglyoxal induces oxidative stress, inflammation and dysmetabolism at adulthood.. <i>Journal of Developmental Origins of Health and Disease</i> , 2022 , 1-9	2.4	1
19	Behavioral effects of Bj-PRO-7a, a proline-rich oligopeptide from Bothrops jararaca venom. <i>Brazilian Journal of Medical and Biological Research</i> , 2019 , 52, e8441	2.8	1
18	The attenuation of the stress evoked tachycardia produced by angiotensin-(1 $\bar{7}$) in the basolateral amygdala is reversed by blockade of Mas receptor. <i>FASEB Journal</i> , 2012 , 26, 1091.25	0.9	1
17	Lateral hypothalamus involvement in control of stress response by bed nucleus of the stria terminalis endocannabinoid neurotransmission in male rats. <i>Scientific Reports</i> , 2021 , 11, 16133	4.9	1
16	Maternal postnatal early overfeeding induces sex-related cardiac dysfunction and alters sexually hormones levels in young offspring.. <i>Journal of Nutritional Biochemistry</i> , 2022 , 108969	6.3	1
15	Brain and kidney GHS-R1a underexpression is associated with changes in renal function and hemodynamics during neurogenic hypertension. <i>Molecular and Cellular Endocrinology</i> , 2020 , 518, 110984	4.4	0
14	Medullary Noradrenergic Neurons Mediate Hemodynamic Responses to Osmotic and Volume Challenges. <i>Frontiers in Physiology</i> , 2021 , 12, 649535	4.6	0
13	Both Prelimbic and Infralimbic Noradrenergic Neurotransmissions Modulate Cardiovascular Responses to Restraint Stress in Rats. <i>Frontiers in Physiology</i> , 2021 , 12, 700540	4.6	0
12	Could the retrotrapezoid nucleus neurons tell us something about SUDEP?. <i>Epilepsy and Behavior</i> , 2016 , 61, 86-87	3.2	
11	ANGIOTENSIN-(1-7) ICV CHRONIC INFUSION IMPROVES BAROREFLEX CONTROL OF RENAL SYMPATHETIC NERVE ACTIVITY IN DOCA-SALT HYPERTENSIVE RATS. <i>FASEB Journal</i> , 2009 , 23, 610.4	0.9	
10	Central administration of angiotensin-(1-7) markedly reduces the tachycardia evoked by acute psychological stress exposure. <i>FASEB Journal</i> , 2009 , 23, 609.5	0.9	
9	Lateralized changes in renal sympathetic activity evoked by unilateral stimulation of lateral/dorsolateral periaqueductal gray. <i>FASEB Journal</i> , 2010 , 24, 1050.6	0.9	
8	BPP-10c from Bothrops jararaca venom changes behavioral and cardiovascular responses to acute stress exposure. <i>FASEB Journal</i> , 2010 , 24, 811.4	0.9	
7	Peripheral activation of ACE2-Ang-(1 $\bar{7}$)-Mas axis reduces the cardiovascular reactivity to acute stress in rats. <i>FASEB Journal</i> , 2010 , 24, 625.6	0.9	
6	BPP-10c isolated from Bothrops jararaca venom has antithrombotic effect in rats. <i>FASEB Journal</i> , 2010 , 24, 589.7	0.9	

- 5 Comparison of the cardiovascular responses evoked by activation of NMDA receptors in the right and left insular cortex. *FASEB Journal*, **2012**, 26, lb791 0.9
- 4 Activation of NMDA receptors results in different autonomic and cardiovascular responses along the rostrocaudal axis of the insular cortex. *FASEB Journal*, **2013**, 27, 1118.5 0.9
- 3 Intracerebroventricular injection of liposome-entrapped GABA attenuates the renal sympathetic nerve activity response evoked by central administration of bicuculline in spontaneously hypertensive rats. *FASEB Journal*, **2013**, 27, lb852 0.9
- 2 Autonomic response after hemorrhagic stroke in the right insular cortex: What is the common pathophysiology in rat and human?; Reply. *Autonomic Neuroscience: Basic and Clinical*, **2021**, 231, 102772²⁻⁴
- 1 Centrally acting antihypertensives change the psychogenic cardiovascular reactivity. *Fundamental and Clinical Pharmacology*, **2021**, 35, 892-905 3.1