

Carlos Henrique Xavier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9099385/publications.pdf>

Version: 2024-02-01

81
papers

971
citations

516681

16
h-index

501174

28
g-index

81
all docs

81
docs citations

81
times ranked

1225
citing authors

#	ARTICLE	IF	CITATIONS
1	The dorsomedial hypothalamus and the central pathways involved in the cardiovascular response to emotional stress. <i>Neuroscience</i> , 2011, 184, 64-74.	2.3	91
2	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.	2.5	55
3	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-H400.	3.2	53
4	Emotional stress and sympathetic activity: Contribution of dorsomedial hypothalamus to cardiac arrhythmias. <i>Brain Research</i> , 2014, 1554, 49-58.	2.2	49
5	Heterocyclic Compounds: Pharmacology of Pyrazole Analogs From Rational Structural Considerations. <i>Frontiers in Pharmacology</i> , 2021, 12, 666725.	3.5	48
6	Activation of angiotensin-converting enzyme 2/angiotensin-(1 ^{â€} 7)/Mas axis attenuates the cardiac reactivity to acute emotional stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1057-H1067.	3.2	43
7	Functional asymmetry in the descending cardiovascular pathways from dorsomedial hypothalamic nucleus. <i>Neuroscience</i> , 2009, 164, 1360-1368.	2.3	38
8	Cardiovascular responses evoked by activation or blockade of GABAA receptors in the hypothalamic PVN are attenuated in transgenic rats with low brain angiotensinogen. <i>Brain Research</i> , 2012, 1448, 101-110.	2.2	37
9	Angiotensin-(1 ^{â€} 7) in the basolateral amygdala attenuates the cardiovascular response evoked by acute emotional stress. <i>Brain Research</i> , 2015, 1594, 183-189.	2.2	31
10	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, 484-493.	1.9	29
11	Asymmetry in the control of cardiac performance by dorsomedial hypothalamus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R664-R674.	1.8	28
12	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, 2957-2966.	2.4	27
13	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.	1.8	26
14	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.	2.8	23
15	Combination of Diet Quality Score, Plasma Carotenoids, and Lipid Peroxidation to Monitor Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-11.	4.0	22
16	BPP-5a produces a potent and long-lasting NO-dependent antihypertensive effect. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2011, 5, 281-295.	2.1	20
17	Antioxidant and Neuroprotective Properties of <i>Eugenia dysenterica</i> Leaves. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	4.0	16
18	Renal sympathetic nerve activity is increased in monosodium glutamate induced hyperadipose rats. <i>Neuroscience Letters</i> , 2012, 522, 118-122.	2.1	15

#	ARTICLE	IF	CITATIONS
19	Cardiovascular and behavioral effects produced by administration of liposome-entrapped GABA into the rat central nervous system. <i>Neuroscience</i> , 2015, 285, 60-69.	2.3	15
20	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, 765-773.	1.6	15
21	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.	2.8	15
22	The hemoglobin derived peptide LVV-hemorphin-7 evokes behavioral effects mediated by oxytocin receptors. <i>Neuropeptides</i> , 2017, 66, 59-68.	2.2	14
23	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.	4.1	13
24	Postnatal early overfeeding induces cardiovascular dysfunction by oxidative stress in adult male Wistar rats. <i>Life Sciences</i> , 2019, 226, 173-184.	4.3	12
25	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.	2.8	11
26	Oxidant 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.	1.5	11
27	A1 Noradrenergic Neurons Lesions Reduce Natriuresis and Hypertensive Responses to Hypernatremia in Rats. <i>PLoS ONE</i> , 2013, 8, e73187.	2.5	11
28	High sodium intake during postnatal phases induces an increase in arterial blood pressure in adult rats. <i>British Journal of Nutrition</i> , 2014, 112, 1923-1932.	2.3	10
29	Chrelin potentiates cardiac reactivity to stress by modulating sympathetic control and beta-adrenergic response. <i>Life Sciences</i> , 2018, 196, 84-92.	4.3	10
30	Cerebral Lipid Dynamics in Chronic Cerebral Hypoperfusion Model by DESI-MS Imaging. <i>Neuroscience</i> , 2020, 426, 1-12.	2.3	10
31	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.	3.3	10
32	Bezold-Jarisch reflex in sino-aortic denervated malnourished rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 162, 48-53.	2.8	9
33	Involvement of the median preoptic nucleus in blood pressure control. <i>Neuroscience Letters</i> , 2014, 558, 91-96.	2.1	9
34	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, 401-413.	2.7	8
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.	2.5	8
36	Sympathoinhibition to Bezold-Jarisch reflex is attenuated in protein malnourished rats. <i>Neuroscience Letters</i> , 2011, 488, 129-132.	2.1	7

#	ARTICLE	IF	CITATIONS
37	Protein malnutrition modifies medullary neuronal recruitment in response to intermittent stimulation of the baroreflex. <i>Brain Research</i> , 2012, 1483, 20-30.	2.2	7
38	Median Preoptic Nucleus Mediates the Cardiovascular Recovery Induced by Hypertonic Saline in Hemorrhagic Shock. <i>Scientific World Journal, The</i> , 2014, 2014, 1-9.	2.1	7
39	Excitatory Amino Acid Receptors Mediate Asymmetry and Lateralization in the Descending Cardiovascular Pathways from the Dorsomedial Hypothalamus. <i>PLoS ONE</i> , 2014, 9, e112412.	2.5	7
40	Dysregulation in erythrocyte dynamics caused by SARS-CoV-2 infection: possible role in shuffling the homeostatic puzzle during COVID-19. <i>Hematology, Transfusion and Cell Therapy</i> , 2022, 44, 235-245.	0.2	7
41	Stating asymmetry in neural pathways: methodological trends in autonomic neuroscience. <i>International Journal of Neuroscience</i> , 2018, 128, 1078-1085.	1.6	6
42	Behavioral effects evoked by the beta globin-derived nonapeptide LVV-H6. <i>Peptides</i> , 2019, 115, 59-68.	2.4	6
43	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.	5.0	6
44	Malnutrition alters the cardiovascular responses induced by central injection of tityustoxin in Fischer rats. <i>Toxicon</i> , 2013, 76, 343-349.	1.6	5
45	Differential control of vasomotion by angiotensins in the rostral ventrolateral medulla of hypertensive rats. <i>Neuropeptides</i> , 2015, 53, 11-18.	2.2	5
46	Median preoptic nucleus excitatory neurotransmitters in the maintenance of hypertensive state. <i>Brain Research Bulletin</i> , 2018, 142, 207-215.	3.0	5
47	Ventromedial medullary pathway mediating cardiac responses evoked from periaqueductal gray. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 228, 102716.	2.8	5
48	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.	3.3	5
49	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.	4.3	5
50	Efferent Pathways in Sodium Overload-Induced Renal Vasodilation in Rats. <i>PLoS ONE</i> , 2014, 9, e109620.	2.5	4
51	Behavioral effects of Bj-PRO-7a, a proline-rich oligopeptide from <i>Bothrops jararaca</i> venom. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e8441.	1.5	4
52	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. <i>Journal of Applied Physiology</i> , 2010, 109, 2003-2014.	2.5	3
53	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.	3.0	3
54	Involvement of median preoptic nucleus and medullary noradrenergic neurons in cardiovascular and sympathetic responses of hemorrhagic rats. <i>Scientific Reports</i> , 2018, 8, 11276.	3.3	3

#	ARTICLE	IF	CITATIONS
55	Medullary Noradrenergic Neurons Mediate Hemodynamic Responses to Osmotic and Volume Challenges. <i>Frontiers in Physiology</i> , 2021, 12, 649535.	2.8	3
56	Both Prelimbic and Infralimbic Noradrenergic Neurotransmissions Modulate Cardiovascular Responses to Restraint Stress in Rats. <i>Frontiers in Physiology</i> , 2021, 12, 700540.	2.8	3
57	DORSOMEDIAL HYPOTHALAMUS AND MEDULLARY RAPHE MEDIATE RESPIRATORY AROUSAL RESPONSES IN RATS. <i>FASEB Journal</i> , 2010, 24, .	0.5	3
58	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, 13, 617-625.	1.4	3
59	Maternal postnatal early overfeeding induces sex-related cardiac dysfunction and alters sexually hormones levels in young offspring. <i>Journal of Nutritional Biochemistry</i> , 2022, 103, 108969.	4.2	3
60	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.	1.9	2
61	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.	3.0	2
62	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.	2.2	2
63	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.	3.2	2
64	Cardiac chronotropic and inotropic responses evoked from right or left sides of dorsomedial hypothalamus. <i>FASEB Journal</i> , 2010, 24, 1019.20.	0.5	2
65	Increased Jejunal Absorption of Glucose in Rats Submitted to Blockade of GABAA Receptors in the Hypothalamic Paraventricular Nucleus. <i>Open Neuroendocrinology Journal (Online)</i> , 2011, 4, 120-126.	0.4	2
66	Performance and serum parameters of calves (<i>Bos taurus</i>) subject to milk restriction associated with supplementation with 2-hydroxy-4-(methylthio)butanoic acid. <i>Journal of Animal Science</i> , 2021, 99, .	0.5	1
67	The attenuation of the stress evoked tachycardia produced by angiotensin α (1 α 7) in the basolateral amygdala is reversed by blockade of Mas receptor. <i>FASEB Journal</i> , 2012, 26, 1091.25.	0.5	1
68	Could the retrotrapezoid nucleus neurons tell us something about SUDEP?. <i>Epilepsy and Behavior</i> , 2016, 61, 86-87.	1.7	0
69	Centrally acting antihypertensives change the psychogenic cardiovascular reactivity. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 892-905.	1.9	0
70	Autonomic response after hemorrhagic stroke in the right insular cortex: What is the common pathophysiology in rat and human?; Reply. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 231, 102772.	2.8	0
71	ANGIOTENSIN α (1 α 7) ICV CHRONIC INFUSION IMPROVES BAROREFLEX CONTROL OF RENAL SYMPATHETIC NERVE ACTIVITY IN DOCA α SALT HYPERTENSIVE RATS. <i>FASEB Journal</i> , 2009, 23, 610.4.	0.5	0
72	Central administration of angiotensin α (1 α 7) markedly reduces the tachycardia evoked by acute psychological stress exposure. <i>FASEB Journal</i> , 2009, 23, 609.5.	0.5	0

#	ARTICLE	IF	CITATIONS
73	Lateralized changes in renal sympathetic activity evoked by unilateral stimulation of lateral/dorsolateral periaqueductal gray. FASEB Journal, 2010, 24, 1050.6.	0.5	0
74	BPPâ€¹0c from Bothrops jararaca venom changes behavioral and cardiovascular responses to acute stress exposure. FASEB Journal, 2010, 24, 811.4.	0.5	0
75	Peripheral activation of ACE2â€¹Angâ€¹(1â€¹7)â€¹Mas axis reduces the cardiovascular reactivity to acute stress in rats. FASEB Journal, 2010, 24, 625.6.	0.5	0
76	BPPâ€¹0c isolated from Bothrops jararaca venom has antithrombotic effect in rats. FASEB Journal, 2010, 24, 589.7.	0.5	0
77	Comparison of the cardiovascular responses evoked by activation of NMDA receptors in the right and left insular cortex. FASEB Journal, 2012, 26, lb791.	0.5	0
78	Central effects evoked by prolineâ€¹rich decapeptide in rats: changes in cardiovascular parameters and neuronal câ€¹Fos. FASEB Journal, 2012, 26, .	0.5	0
79	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.	0.5	0
80	Intracerebroventricular injection of liposomeâ€¹entrapped GABA attenuates the renal sympathetic nerve activity response evoked by central administration of bicuculline in spontaneously hypertensive rats. FASEB Journal, 2013, 27, lb852.	0.5	0
81	Editorial: Stress-Related Diseases and Dysfunctions. Frontiers in Physiology, 2022, 13, 896842.	2.8	0