

Gustavo Rodrigues Pedrino

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85
papers

770
citations

15
h-index

22
g-index

91
ext. papers

941
ext. citations

3.6
avg, IF

3.84
L-index

#	Paper	IF	Citations
85	The combination of ACE I/D and ACE2 G8790A polymorphisms reveals susceptibility to hypertension: A genetic association study in Brazilian patients. <i>PLoS ONE</i> , 2019 , 14, e0221248	3.7	57
84	Does enhanced respiratory-sympathetic coupling contribute to peripheral neural mechanisms of angiotensin II-salt hypertension?. <i>Experimental Physiology</i> , 2010 , 95, 587-94	2.4	51
83	Aging-Induced Biological Changes and Cardiovascular Diseases. <i>BioMed Research International</i> , 2018 , 2018, 7156435	3	46
82	Maternal diet-induced obesity during suckling period programs offspring obese phenotype and hypothalamic leptin/insulin resistance. <i>Journal of Nutritional Biochemistry</i> , 2018 , 61, 24-32	6.3	36
81	Does the sympathetic nervous system contribute to the pathophysiology of metabolic syndrome?. <i>Frontiers in Physiology</i> , 2015 , 6, 234	4.6	32
80	Renal sympathoinhibition induced by hypernatremia: involvement of A1 noradrenergic neurons. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008 , 142, 55-63	2.4	27
79	Anteroventral third ventricle lesions impair cardiovascular responses to intravenous hypertonic saline infusion. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005 , 117, 9-16	2.4	25
78	Music therapy intervention in cardiac autonomic modulation, anxiety, and depression in mothers of preterms: randomized controlled trial. <i>BMC Psychology</i> , 2018 , 6, 57	2.8	21
77	Role of catecholaminergic neurones of the caudal ventrolateral medulla in cardiovascular responses induced by acute changes in circulating volume in rats. <i>Experimental Physiology</i> , 2006 , 91, 995-1005	2.4	19
76	Dietary Nitrate Reduces Blood Pressure in Rats With Angiotensin II-Induced Hypertension via Mechanisms That Involve Reduction of Sympathetic Hyperactivity. <i>Hypertension</i> , 2019 , 73, 839-848	8.5	19
75	Renal vasodilation induced by hypernatraemia: role of alpha-adrenoceptors in the median preoptic nucleus. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009 , 36, e83-9	3	17
74	A2 noradrenergic lesions prevent renal sympathoinhibition induced by hypernatremia in rats. <i>PLoS ONE</i> , 2012 , 7, e37587	3.7	17
73	Stimulation of the ACE2/Ang-(1-7)/Mas axis in hypertensive pregnant rats attenuates cardiovascular dysfunction in adult male offspring. <i>Hypertension Research</i> , 2019 , 42, 1883-1893	4.7	16
72	Hypotensive effect of <i>Aspidosperma subincanum</i> Mart. in rats and its mechanism of vasorelaxation in isolated arteries. <i>Journal of Ethnopharmacology</i> , 2013 , 145, 227-32	5	15
71	Cardioprotective effects of diminazene aceturate in pressure-overloaded rat hearts. <i>Life Sciences</i> , 2016 , 155, 63-9	6.8	15
70	Afferent pathways involved in cardiovascular adjustments induced by hypertonic saline resuscitation in rats submitted to hemorrhagic shock. <i>Shock</i> , 2009 , 32, 190-3	3.4	14
69	Short-Term Sustained Hypoxia Elevates Basal and Hypoxia-Induced Ventilation but Not the Carotid Body Chemoreceptor Activity in Rats. <i>Frontiers in Physiology</i> , 2018 , 9, 134	4.6	13

68	Vasorelaxant and Hypotensive Effects of Jaboticaba Fruit (<i>Myrciaria cauliflora</i>) Extract in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 696135	2.3	13
67	Lesions of medullary catecholaminergic neurons increase salt intake in rats. <i>Brain Research Bulletin</i> , 2008 , 76, 572-8	3.9	13
66	Heterocyclic Compounds: Pharmacology of Pyrazole Analogs From Rational Structural Considerations. <i>Frontiers in Pharmacology</i> , 2021 , 12, 666725	5.6	13
65	Cardiac Autonomic Modulation and the Kinetics of Heart Rate Responses in the On- and Off-Transient during Exercise in Women with Metabolic Syndrome. <i>Frontiers in Physiology</i> , 2017 , 8, 542	4.6	12
64	Evaluation of the autonomic nervous system by analysis of heart rate variability in the preterm infants. <i>BMC Cardiovascular Disorders</i> , 2019 , 19, 198	2.3	11
63	Cardiovascular adjustments induced by hypertonic saline in hemorrhagic rats: Involvement of carotid body chemoreceptors. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 160, 37-41	2.4	11
62	A1 noradrenergic neurons lesions reduce natriuresis and hypertensive responses to hypernatremia in rats. <i>PLoS ONE</i> , 2013 , 8, e73187	3.7	11
61	Anti-Diabetic Effects of the Ethyl-Acetate Fraction of <i>Trichilia catigua</i> in Streptozotocin-Induced Type 1 Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2017 , 42, 1087-1097	3.9	10
60	Importance of the commissural nucleus of the solitary tract in renovascular hypertension. <i>Hypertension Research</i> , 2019 , 42, 587-597	4.7	10
59	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
58	Cutting-Edge Search for Safer Opioid Pain Relief: Retrospective Review of Salvinorin A and Its Analogs. <i>Frontiers in Psychiatry</i> , 2019 , 10, 157	5	9
57	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
56	Catecholaminergic neurons in the commissural region of the nucleus of the solitary tract modulate hyperosmolality-induced responses. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1082-91	3.2	9
55	Bowman-Birk protease inhibitor from <i>Vigna unguiculata</i> seeds enhances the action of bradykinin-related peptides. <i>Molecules</i> , 2014 , 19, 17536-58	4.8	9
54	Involvement of the median preoptic nucleus in blood pressure control. <i>Neuroscience Letters</i> , 2014 , 558, 91-6	3.3	9
53	Endothelium-Dependent Vasorelaxant Effect of Butanolic Fraction from <i>Caryocar brasiliense</i> Camb. Leaves in Rat Thoracic Aorta. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012 , 2012, 934142 ³	2.3	9
52	Strength training reverses ovariectomy-induced bone loss and improve metabolic parameters in female Wistar rats. <i>Life Sciences</i> , 2018 , 213, 134-141	6.8	9
51	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

50	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> , 2018 , 9, 1073	4.6	7
49	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
48	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
47	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
46	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> , 2016 , 7, 205	4.6	7
45	Salvindolin elicits opioid system-mediated antinociceptive and antidepressant-like activities. <i>Journal of Psychopharmacology</i> , 2019 , 33, 865-881	4.6	6
44	Involvement of sinoaortic afferents in renal sympathoinhibition and vasodilation induced by acute hypernatremia. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 1135-41	3	6
43	Discharge of RVLM vasomotor neurons is not increased in anesthetized angiotensin II-salt hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H1781-9	5.2	6
42	Involvement of catecholaminergic medullary pathways in cardiovascular responses to acute changes in circulating volume. <i>Brazilian Journal of Medical and Biological Research</i> , 2011 , 44, 877-82	2.8	6
41	Do GST polymorphisms influence in the pathogenesis of diabetic nephropathy?. <i>Molecular and Cellular Endocrinology</i> , 2018 , 478, 10-16	4.4	5
40	Median preoptic nucleus excitatory neurotransmitters in the maintenance of hypertensive state. <i>Brain Research Bulletin</i> , 2018 , 142, 207-215	3.9	5
39	Exponential model for analysis of heart rate responses and autonomic cardiac modulation during different intensities of physical exercise. <i>Royal Society Open Science</i> , 2019 , 6, 190639	3.3	4
38	Mas receptor contributes to pregnancy-induced cardiac remodelling. <i>Clinical Science</i> , 2016 , 130, 2305-2316	6	4
37	Stating asymmetry in neural pathways: methodological trends in autonomic neuroscience. <i>International Journal of Neuroscience</i> , 2018 , 128, 1078-1085	2	4
36	Hypotensive and antihypertensive potential of 4-[(1-phenyl-1H-pyrazol-4-yl) methyl]1-piperazine carboxylic acid ethyl ester: a piperazine derivative. <i>Life Sciences</i> , 2014 , 112, 90-6	6.8	4
35	Hypotensive and vasorelaxant effects of (E) - methyl isoeugenol: a naturally occurring food flavour. <i>Food and Chemical Toxicology</i> , 2014 , 70, 214-21	4.7	4
34	Role of the medulla oblongata in normal and high arterial blood pressure regulation: the contribution of Escola Paulista de Medicina - UNIFESP. <i>Anais Da Academia Brasileira De Ciencias</i> , 2009 , 81, 589-603	1.4	4
33	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

32	Blood pressure-lowering effects of a Bowman-Birk inhibitor and its derived peptides in normotensive and hypertensive rats. <i>Scientific Reports</i> , 2020 , 10, 11680	4.9	4
31	Carotid bodies contribute to sympathoexcitation induced by acute salt overload. <i>Experimental Physiology</i> , 2019 , 104, 15-27	2.4	4
30	Renovascular hypertension elevates pulmonary ventilation in rats by carotid body-dependent mechanisms. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R730-R742	3.2	3
29	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> , 2017 , 50, e5520	2.8	3
28	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
27	Efferent pathways in sodium overload-induced renal vasodilation in rats. <i>PLoS ONE</i> , 2014 , 9, e109620	3.7	3
26	Forced internal desynchrony induces cardiometabolic alterations in adult rats. <i>Journal of Endocrinology</i> , 2019 , 242, 25-36	4.7	3
25	Do the carotid body chemoreceptors mediate cardiovascular and sympathetic adjustments induced by sodium overload in rats?. <i>Life Sciences</i> , 2016 , 153, 9-16	6.8	3
24	The influence of MTHFR C677T polymorphism in chronic lymphocytic leukemia. <i>Electrophoresis</i> , 2019 , 40, 1715-1718	3.6	2
23	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
22	Behavioral effects evoked by the beta globin-derived nonapeptide LVV-H6. <i>Peptides</i> , 2019 , 115, 59-68	3.8	2
21	Long-term effects of early overfeeding and food restriction during puberty on cardiac remodeling in adult rats. <i>Journal of Developmental Origins of Health and Disease</i> , 2020 , 11, 492-498	2.4	2
20	Interaction of medullary P2 and glutamate receptors mediates the vasodilation in the hindlimb of rat. <i>Purinergic Signalling</i> , 2012 , 8, 715-28	3.8	2
19	OS N^ CLEOS VASOMOTORES DO BULBO E A REGULA^ O CARDIOVASCULAR: NOVAS EVID^ NCIAS E NOVAS QUEST^ ES. <i>Medicina</i> , 2006 , 39, 89	0.1	2
18	Role of the Carotid Bodies in the Hypertensive and Natriuretic Responses to NaCl Load in Conscious Rats. <i>Frontiers in Physiology</i> , 2018 , 9, 1690	4.6	2
17	Clinical data and risk factors for diabetic nephropathy in Brazilian central population. <i>Data in Brief</i> , 2018 , 21, 1315-1320	1.2	2
16	Does the median preoptic nucleus contribute to sympathetic hyperactivity in spontaneously hypertensive rats?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016 , 195, 29-33	2.4	1
15	BLOCKADE OF ̢- ADRENOCEPTORS IN THE MEDIAN PREOPTIC (MePO) NUCLEUS IMPAIRS CARDIOVASCULAR RESPONSES INDUCED BY INTRAVENOUS HYPERTONIC SALINE (HS) INFUSION. <i>FASEB Journal</i> , 2006 , 20, A360	0.9	1

14	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
13	Effect of angiotensin II and angiotensin-(1-7) on proliferation of stem cells from human dental apical papilla. <i>Journal of Cellular Physiology</i> , 2021 , 236, 366-378	7	1
12	Local ionotropic glutamate receptors are required to trigger and sustain ramping of sympathetic nerve activity by hypothalamic paraventricular nucleus TNF. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H580-H591	5.2	1
11	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
10	Involvement of the gabaergic, serotonergic and glucocorticoid mechanism in the anxiolytic-like effect of mastoparan-L. <i>Neuropeptides</i> , 2020 , 81, 102027	3.3	0
9	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
8	Medullary Noradrenergic Neurons Mediate Hemodynamic Responses to Osmotic and Volume Challenges. <i>Frontiers in Physiology</i> , 2021 , 12, 649535	4.6	0
7	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> , 2016 , 49, e5349	2.8	0
6	Cardiovascular adjustments induced by hypertonic saline resuscitation in rats submitted to hemorrhage shock: involvement of neural structures. <i>FASEB Journal</i> , 2007 , 21, A1279	0.9	
5	Excitatory Inputs from Carotid Bodies Drive Respiratory Changes in Renovascular Hypertensive Rats. <i>FASEB Journal</i> , 2019 , 33, 560.3	0.9	
4	Preclinical Assessment of Cardiovascular Alterations Induced by Birch Polypore Mushroom, <i>Piptoporus betulinus</i> (Agaricomycetes). <i>International Journal of Medicinal Mushrooms</i> , 2017 , 19, 257-265 ^{1,3}		
3	Discharge of RVLM Vasomotor Neurons is Increased in Angiotensin II Salt Hypertensive Rats: Selective Modulation of a Functionally Identified Group of Neurons. <i>FASEB Journal</i> , 2009 , 23, 958.12	0.9	
2	Role of adrenergic neurotransmission in the Median Preoptic Nucleus in experimental hypertension. <i>FASEB Journal</i> , 2013 , 27, 689.7	0.9	
1	Centrally acting antihypertensives change the psychogenic cardiovascular reactivity. <i>Fundamental and Clinical Pharmacology</i> , 2021 , 35, 892-905	3.1	