Gustavo Rodrigues Pedrino

List of Publications by Year
in descending order

91 papers	1,088 citations	471061 17 h-index	525886 27 g-index
91 all docs	91 docs citations	91 times ranked	1673 citing authors

#	Article	IF	Citations
1	The combination of ACE I/D and ACE2 G8790A polymorphisms revels susceptibility to hypertension: A genetic association study in Brazilian patients. PLoS ONE, 2019, 14, e0221248.	1.1	82
2	Aging-Induced Biological Changes and Cardiovascular Diseases. BioMed Research International, 2018, 2018, 1-14.	0.9	66
3	Maternal diet-induced obesity during suckling period programs offspring obese phenotype and hypothalamic leptin/insulin resistance. Journal of Nutritional Biochemistry, 2018, 61, 24-32.	1.9	55
4	Does enhanced respiratoryâ€“sympathetic coupling contribute to peripheral neural mechanisms of angiotensin IIâ€“salt hypertension?. Experimental Physiology, 2010, 95, 587-594.	0.9	53
5	Heterocyclic Compounds: Pharmacology of Pyrazole Analogs From Rational Structural Considerations. Frontiers in Pharmacology, 2021, 12, 666725.	1.6	48
6	Does the sympathetic nervous system contribute to the pathophysiology of metabolic syndrome?. Frontiers in Physiology, 2015, 6, 234.	1.3	41
7	Music therapy intervention in cardiac autonomic modulation, anxiety, and depression in mothers of preterms: randomized controlled trial. BMC Psychology, 2018, 6, 57.	0.9	37
8	Renal sympathoinhibition induced by hypernatremia: Involvement of A1 noradrenergic neurons. Autonomic Neuroscience: Basic and Clinical, 2008, 142, 55-63.	1.4	28
9	Anteroventral third ventricle lesions impair cardiovascular responses to intravenous hypertonic saline infusion. Autonomic Neuroscience: Basic and Clinical, 2005, 117, 9-16.	1.4	27
10	Dietary Nitrate Reduces Blood Pressure in Rats With Angiotensin IIâ€“Induced Hypertension via Mechanisms That Involve Reduction of Sympathetic Hyperactivity. Hypertension, 2019, 73, 839-848.	1.3	26
11	Stimulation of the ACE2/Ang-(1â€“7)/Mas axis in hypertensive pregnant rats attenuates cardiovascular dysfunction in adult male offspring. Hypertension Research, 2019, 42, 1883-1893.	1.5	24
12	Role of catecholaminergic neurones of the caudal ventrolateral medulla in cardiovascular responses induced by acute changes in circulating volume in rats. Experimental Physiology, 2006, 91, 995-1005.	0.9	23
13	Evaluation of the autonomic nervous system by analysis of heart rate variability in the preterm infants. BMC Cardiovascular Disorders, 2019, 19, 198.	0.7	23
14	Cardioprotective effects of diminazene aceturate in pressure-overloaded rat hearts. Life Sciences, 2016, 155, 63-69.	2.0	20
15	Cardiac Autonomic Modulation and the Kinetics of Heart Rate Responses in the On- and Off-Transient during Exercise in Women with Metabolic Syndrome. Frontiers in Physiology, 2017, 8, 542.	1.3	20
16	Renal vasodilation induced by hypernatraemia: Role of Î±â€adrenoceptors in the median preoptic nucleus. Clinical and Experimental Pharmacology and Physiology, 2009, 36, e83-9.	0.9	19
17	Importance of the commissural nucleus of the solitary tract in renovascular hypertension. Hypertension Research, 2019, 42, 587-597.	1.5	18
18	A2 Noradrenergic Lesions Prevent Renal Sympathoinhibition Induced by Hypernatremia in Rats. PLoS ONE, 2012, 7, e37587.	1.1	18

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19	Hypotensive effect of Aspidosperma subincanum Mart. in rats and its mechanism of vasorelaxation in isolated arteries. Journal of Ethnopharmacology, 2013, 145, 227-232.	2.0	17
20	Cutting-Edge Search for Safer Opioid Pain Relief: Retrospective Review of Salvinorin A and Its Analogs. Frontiers in Psychiatry, 2019, 10, 157.	1.3	17
21	Vasorelaxant and Hypotensive Effects of Jaboticaba Fruit (Myrciaria cauliflora) Extract in Rats. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.	0.5	16
22	Anti-Diabetic Effects of the Ethyl-Acetate Fraction of Trichilia catigua in Streptozo-tocin-Induced Type 1 Diabetic Rats. Cellular Physiology and Biochemistry, 2017, 42, 1087-1097.	1.1	16
23	AFFERENT PATHWAYS INVOLVED IN CARDIOVASCULAR ADJUSTMENTS INDUCED BY HYPERTONIC SALINE RESUSCITATION IN RATS SUBMITTED TO HEMORRHAGIC SHOCK. Shock, 2009, 32, 190-193.	1.0	15
24	Short-Term Sustained Hypoxia Elevates Basal and Hypoxia-Induced Ventilation but Not the Carotid Body Chemoreceptor Activity in Rats. Frontiers in Physiology, 2018, 9, 134.	1.3	15
25	Lesions of medullary catecholaminergic neurons increase salt intake in rats. Brain Research Bulletin, 2008, 76, 572-578.	1.4	13
26	Nephroprotective effect of Rudgea viburnoides (Cham.) Benth leaves on gentamicin-induced nephrotoxicity in rats. Journal of Ethnopharmacology, 2017, 201, 100-107.	2.0	13
27	Strength training reverses ovariectomy-induced bone loss and improve metabolic parameters in female Wistar rats. Life Sciences, 2018, 213, 134-141.	2.0	13
28	The Newly Synthesized Pyrazole Derivative 5-(1-(3 Fluorophenyl)-1H-Pyrazol-4-yl)-2H-Tetrazole Reduces Blood Pressure of Spontaneously Hypertensive Rats via NO/cGMO Pathway. Frontiers in Physiology, 2018, 9, 1073.	1.3	13
29	Cardiovascular adjustments induced by hypertonic saline in hemorrhagic rats: Involvement of carotid body chemoreceptors. Autonomic Neuroscience: Basic and Clinical, 2011, 160, 37-41.	1.4	12
30	Postnatal early overfeeding induces cardiovascular dysfunction by oxidative stress in adult male Wistar rats. Life Sciences, 2019, 226, 173-184.	2.0	12
31	Catecholaminergic neurons in the comissural region of the nucleus of the solitary tract modulate hyperosmolality-induced responses. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R1082-R1091.	0.9	11
32	Involvement of GABAergic and Adrenergic Neurotransmissions on Paraventricular Nucleus of Hypothalamus in the Control of Cardiac Function. Frontiers in Physiology, 2018, 9, 670.	1.3	11
33	Exponential model for analysis of heart rate responses and autonomic cardiac modulation during different intensities of physical exercise. Royal Society Open Science, 2019, 6, 190639.	1.1	11
34	Salvindolin elicits opioid system-mediated antinociceptive and antidepressant-like activities. Journal of Psychopharmacology, 2019, 33, 865-881.	2.0	11
35	A1 Noradrenergic Neurons Lesions Reduce Natriuresis and Hypertensive Responses to Hypernatremia in Rats. PLoS ONE, 2013, 8, e73187.	1.1	11
36	High sodium intake during postnatal phases induces an increase in arterial blood pressure in adult rats. British Journal of Nutrition, 2014, 112, 1923-1932.	1.2	10

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37	Endothelium-Dependent Vasorelaxant Effect of Butanolic Fraction fromCaryocar brasilienseCamb. Leaves in Rat Thoracic Aorta. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-9.	0.5	9
38	Bowman-Birk Protease Inhibitor from Vigna unguiculata Seeds Enhances the Action of Bradykinin-Related Peptides. Molecules, 2014, 19, 17536-17558.	1.7	9
39	Involvement of the median preoptic nucleus in blood pressure control. Neuroscience Letters, 2014, 558, 91-96.	1.0	9
40	Do GST polymorphisms influence in the pathogenesis of diabetic nephropathy?. Molecular and Cellular Endocrinology, 2018, 478, 10-16.	1.6	9
41	Carotid bodies contribute to sympathoexcitation induced by acute salt overload. Experimental Physiology, 2019, 104, 15-27.	0.9	9
42	Blood pressure-lowering effects of a Bowman-Birk inhibitor and its derived peptides in normotensive and hypertensive rats. Scientific Reports, 2020, 10, 11680.	1.6	9
43	Role of the medulla oblongata in normal and high arterial blood pressure regulation: the contribution of Escola Paulista de Medicina - UNIFESP. Anais Da Academia Brasileira De Ciencias, 2009, 81, 589-603.	0.3	8
44	Renovascular hypertension elevates pulmonary ventilation in rats by carotid body-dependent mechanisms. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R730-R742.	0.9	8
45	Involvement of catecholaminergic medullary pathways in cardiovascular responses to acute changes in circulating volume. Brazilian Journal of Medical and Biological Research, 2011, 44, 877-882.	0.7	8
46	Median Preoptic Nucleus Mediates the Cardiovascular Recovery Induced by Hypertonic Saline in Hemorrhagic Shock. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	7
47	Blockade of Rostral Ventrolateral Medulla (RVLM) Bombesin Receptor Type 1 Decreases Blood Pressure and Sympathetic Activity in Anesthetized Spontaneously Hypertensive Rats. Frontiers in Physiology, 2016, 7, 205.	1.3	7
48	Excitatory Amino Acid Receptors Mediate Asymmetry and Lateralization in the Descending Cardiovascular Pathways from the Dorsomedial Hypothalamus. PLoS ONE, 2014, 9, e112412.	1.1	7
49	Forced internal desynchrony induces cardiometabolic alterations in adult rats. Journal of Endocrinology, 2019, 242, 25-36.	1.2	7
50	Dysregulation in erythrocyte dynamics caused by SARS-CoV-2 infection: possible role in shuffling the homeostatic puzzle during COVID-19. Hematology, Transfusion and Cell Therapy, 2022, 44, 235-245.	0.1	7
51	Discharge of RVLM vasomotor neurons is not increased in anesthetized angiotensin II-salt hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1781-H1789.	1.5	6
52	Involvement of sinoaortic afferents in renal sympathoinhibition and vasodilation induced by acute hypernatremia. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 1135-1141.	0.9	6
53	Stating asymmetry in neural pathways: methodological trends in autonomic neuroscience. International Journal of Neuroscience, 2018, 128, 1078-1085.	0.8	6
54	Behavioral effects evoked by the beta globin-derived nonapeptide LVV-H6. Peptides, 2019, 115, 59-68.	1.2	6

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55	Hypotensive and vasorelaxant effects of (E) â€“ Methyl isoeugenol: A naturally occurring food flavour. Food and Chemical Toxicology, 2014, 70, 214-221.	1.8	5
56	Median preoptic nucleus excitatory neurotransmitters in the maintenance of hypertensive state. Brain Research Bulletin, 2018, 142, 207-215.	1.4	5
57	The influence of MTHFR C677T polymorphism in chronic lymphocytic leukemia. Electrophoresis, 2019, 40, 1715-1718.	1.3	5
58	Long-term effects of early overfeeding and food restriction during puberty on cardiac remodeling in adult rats. Journal of Developmental Origins of Health and Disease, 2020, 11, 492-498.	0.7	5
59	Antiepileptic effects of long-term intracerebroventricular infusion of angiotensin-(1-7) in an animal model of temporal lobe epilepsy. Clinical Science, 2020, 134, 2263-2277.	1.8	5
60	Hypotensive and antihypertensive potential of 4-[(1-phenyl-1H-pyrazol-4-yl) methyl]1-piperazine carboxylic acid ethyl ester: A piperazine derivative. Life Sciences, 2014, 112, 90-96.	2.0	4
61	Mas receptor contributes to pregnancy-induced cardiac remodelling. Clinical Science, 2016, 130, 2305-2316.	1.8	4
62	Clinical data and risk factors for diabetic nephropathy in Brazilian central population. Data in Brief, 2018, 21, 1315-1320.	0.5	4
63	Involvement of the gabaergic, serotonergic and glucocorticoid mechanism in the anxiolytic-like effect of mastoparan-L. Neuropeptides, 2020, 81, 102027.	0.9	4
64	Efferent Pathways in Sodium Overload-Induced Renal Vasodilation in Rats. PLoS ONE, 2014, 9, e109620.	1.1	4
65	Behavioral effects of Bj-PRO-7a, a proline-rich oligopeptide from Bothrops jararaca venom. Brazilian Journal of Medical and Biological Research, 2019, 52, e8441.	0.7	4
66	OS NÃšCLEOS VASOMOTORES DO BULBO E A REGULAÃ‡ÃƒO CARDIOVASCULAR: NOVAS EVIDÃŠNCIAS E NOVAS QUESTÃ•ES. Medicina, 2006, 39, 89-100.	0.0	3
67	Do the carotid body chemoreceptors mediate cardiovascular and sympathetic adjustments induced by sodium overload in rats?. Life Sciences, 2016, 153, 9-16.	2.0	3
68	Influence of antihypertensive drugs on aortic and coronary effects of Ang-(1-7) in pressure-overloaded rats. Brazilian Journal of Medical and Biological Research, 2017, 50, e5520.	0.7	3
69	Involvement of median preoptic nucleus and medullary noradrenergic neurons in cardiovascular and sympathetic responses of hemorrhagic rats. Scientific Reports, 2018, 8, 11276.	1.6	3
70	Medullary Noradrenergic Neurons Mediate Hemodynamic Responses to Osmotic and Volume Challenges. Frontiers in Physiology, 2021, 12, 649535.	1.3	3
71	Local ionotropic glutamate receptors are required to trigger and sustain ramping of sympathetic nerve activity by hypothalamic paraventricular nucleus TNFÎ±. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H580-H591.	1.5	3
72	Maternal postnatal early overfeeding induces sex-related cardiac dysfunction and alters sexually hormones levels in young offspring. Journal of Nutritional Biochemistry, 2022, 103, 108969.	1.9	3

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73	Interaction of medullary P2 and glutamate receptors mediates the vasodilation in the hindlimb of rat. Purinergic Signalling, 2012, 8, 715-728.	1.1	2
74	Does the median preoptic nucleus contribute to sympathetic hyperactivity in spontaneously hypertensive rats?. Autonomic Neuroscience: Basic and Clinical, 2016, 195, 29-33.	1.4	2
75	Role of the Carotid Bodies in the Hypertensive and Natriuretic Responses to NaCl Load in Conscious Rats. Frontiers in Physiology, 2018, 9, 1690.	1.3	2
76	Novel choline analog 2-(4-((1-phenyl-1H-pyrazol-4-yl)methyl)piperazin-1-yl)ethan-1-ol produces sympathoinhibition, hypotension, and antihypertensive effects. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 1071-1083.	1.4	2
77	Brain and kidney GHS-R1a underexpression is associated with changes in renal function and hemodynamics during neurogenic hypertension. Molecular and Cellular Endocrinology, 2020, 518, 110984.	1.6	2
78	Noradrenergic neurons of the caudal ventrolateral medulla mediate renal sympathoinhibiton induced by hypernatremia. Autonomic Neuroscience: Basic and Clinical, 2007, 135, 120.	1.4	1
79	Association of exercise training and angiotensin-converting enzyme 2 activator improves baroreflex sensitivity of spontaneously hypertensive rats. Brazilian Journal of Medical and Biological Research, 2016, 49, e5349.	0.7	1
80	Effect of angiotensin II and angiotensinâ€(1â€“7) on proliferation of stem cells from human dental apical papilla. Journal of Cellular Physiology, 2021, 236, 366-378.	2.0	1
81	BLOCKADE OF Î±1â€•ADRENOCEPTORS IN THE MEDIAN PREOPTIC (MePO) NUCLEUS IMPAIRS CARDIOVASCULAR RESPONSES INDUCED BY INTRAVENOUS HYPERTONIC SALINE (HS) INFUSION. FASEB Journal, 2006, 20, A360.	0.2	1
82	A2 noradrenergic neurons inhibit osmoreceptorâ€induced pressor responses.. FASEB Journal, 2008, 22, .	0.2	1
83	Preclinical Assessment of Cardiovascular Alterations Induced by Birch Polypore Mushroom, Piptoporus betulinus (Agaricomycetes). International Journal of Medicinal Mushrooms, 2017, 19, 257-265.	0.9	1
84	Emotional intelligence as a competence for the animal science professional. Ciencia Rural, 2017, 48, .	0.3	0
85	Centrally acting antihypertensives change the psychogenic cardiovascular reactivity. Fundamental and Clinical Pharmacology, 2021, 35, 892-905.	1.0	0
86	Cardiovascular adjustments induced by hypertonic saline resuscitation in rats submitted to hemorrhage shock: involvement of neural structures. FASEB Journal, 2007, 21, A1279.	0.2	0
87	Intermittent obstructive apnea in conscious rats. FASEB Journal, 2008, 22, .	0.2	0
88	Discharge of RVLM Vasomotor Neurons is Increased in Angiotensin II â€“ Salt Hypertensive Rats: Selective Modulation of a Functionally Identified Group of Neurons. FASEB Journal, 2009, 23, 958.12.	0.2	0
89	Role of adrenergic neurotransmission in the Median Preoptic Nucleus in experimental hypertension. FASEB Journal, 2013, 27, 689.7.	0.2	0
90	Excitatory Inputs from Carotid Bodies Drive Respiratory Changes in Renovascular Hypertensive Rats. FASEB Journal, 2019, 33, 560.3.	0.2	0

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91	p-Aminobenzamidine attenuates cardiovascular dysfunctions in spontaneously hypertensive rats. Life Sciences, 2022, 304, 120693.	2.0	0