

Rodrigo Cunha Alvim de Menezes

List of Publications by Year in descending order

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38
papers

842
citations

516710

16
h-index

501196

28
g-index

39
all docs

39
docs citations

39
times ranked

1039
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	Brown adipose tissue thermogenesis heats brain and body as part of the brain-coordinated ultradian basic rest-activity cycle. <i>Neuroscience</i> , 2009, 164, 849-861.	2.3	80
3	Cardiovascular and thermal responses evoked from the periaqueductal grey require neuronal activity in the hypothalamus. <i>Journal of Physiology</i> , 2009, 587, 1201-1215.	2.9	60
4	Role of periaqueductal gray on the cardiovascular response evoked by disinhibition of the dorsomedial hypothalamus. <i>Brain Research</i> , 2003, 984, 206-214.	2.2	52
5	High fat diet induced-obesity facilitates anxiety-like behaviors due to GABAergic impairment within the dorsomedial hypothalamus in rats. <i>Behavioural Brain Research</i> , 2017, 316, 38-46.	2.2	52
6	Association of high-fat diet with neuroinflammation, anxiety-like defensive behavioral responses, and altered thermoregulatory responses in male rats. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 500-511.	4.1	37
7	Microinjection of muscimol into caudal periaqueductal gray lowers body temperature and attenuates increases in temperature and activity evoked from the dorsomedial hypothalamus. <i>Brain Research</i> , 2006, 1092, 129-137.	2.2	34
8	Microinjection of muscimol into the periaqueductal gray suppresses cardiovascular and neuroendocrine response to air jet stress in conscious rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R881-R890.	1.8	31
9	Excitatory amino acid receptors in the periaqueductal gray mediate the cardiovascular response evoked by activation of dorsomedial hypothalamic neurons. <i>Neuroscience</i> , 2006, 139, 1129-1139.	2.3	29
10	Cardiovascular effects produced by activation of GABA receptors in the rostral ventrolateral medulla of conscious rats. <i>Neuroscience</i> , 2007, 144, 336-343.	2.3	29
11	Quercetin Attenuates Acute Lung Injury Caused by Cigarette Smoke Both In Vitro and In Vivo. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 205-214.	1.6	29
12	Sympathetic cutaneous vasomotor alerting responses (SCVARs) are associated with hippocampal theta rhythm in non-moving conscious rats. <i>Brain Research</i> , 2009, 1298, 123-130.	2.2	28
13	SR59230A, a beta-3 adrenoceptor antagonist, inhibits ultradian brown adipose tissue thermogenesis and interrupts associated episodic brain and body heating. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R987-R994.	1.8	26
14	New insights on amygdala: Basomedial amygdala regulates the physiological response to social novelty. <i>Neuroscience</i> , 2016, 330, 181-190.	2.3	22
15	High-Fat Diet Increases HMGB1 Expression and Promotes Lung Inflammation in Mice Subjected to Mechanical Ventilation. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	20
16	Inactivation of neuronal function in the amygdaloid region reduces tail artery blood flow alerting responses in conscious rats. <i>Neuroscience</i> , 2013, 228, 13-22.	2.3	19
17	Role of the Renin Angiotensin System in Blood Pressure Allostasis-induced by Severe Food Restriction in Female Fischer rats. <i>Scientific Reports</i> , 2018, 8, 10327.	3.3	16
18	Chronic Treatment with Ivabradine Does Not Affect Cardiovascular Autonomic Control in Rats. <i>Frontiers in Physiology</i> , 2016, 7, 305.	2.8	15

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19	The Angiotensin Type 1 Receptor Antagonist Losartan Prevents Ovariectomy-Induced Cognitive Dysfunction and Anxiety-Like Behavior in Long Evans Rats. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 407-420.	3.3	15
20	Increased activity of the renin-angiotensin and sympathetic nervous systems is required for regulation of the blood pressure in rats fed a low-protein diet. <i>Experimental Physiology</i> , 2013, 98, 57-66.	2.0	14
21	Effects in vitro and in vivo of hesperidin administration in an experimental model of acute lung inflammation. <i>Free Radical Biology and Medicine</i> , 2022, 180, 253-262.	2.9	14
22	Nitric oxide modulates blood pressure through NMDA receptors in the rostral ventrolateral medulla of conscious rats. <i>Brain Research</i> , 2016, 1643, 159-167.	2.2	13
23	Applying Positive End-Expiratory Pressure During Mechanical Ventilation Causes Pulmonary Redox Imbalance and Inflammation in Rats. <i>Shock</i> , 2018, 50, 572-578.	2.1	12
24	Estrogen receptor $\hat{1}^2$ activation within dorsal raphe nucleus reverses anxiety-like behavior induced by food restriction in female rats. <i>Behavioural Brain Research</i> , 2019, 357-358, 57-64.	2.2	12
25	Quercetin Improves Pulmonary Function and Prevents Emphysema Caused by Exposure to Cigarette Smoke in Male Mice. <i>Antioxidants</i> , 2022, 11, 181.	5.1	12
26	Blunted GABA-mediated inhibition within the dorsomedial hypothalamus potentiates the cardiovascular response to emotional stress in rats fed a high-fat diet. <i>Neuroscience</i> , 2014, 262, 21-30.	2.3	10
27	The implication of protein malnutrition on cardiovascular control systems in rats. <i>Frontiers in Physiology</i> , 2015, 6, 246.	2.8	10
28	Increased $\hat{1}^1$ -adrenoreceptor activity is required to sustain blood pressure in female rats under food restriction. <i>Life Sciences</i> , 2015, 128, 55-63.	4.3	10
29	Bezold-Jarisch reflex in sino-aortic denervated malnourished rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 162, 48-53.	2.8	9
30	Amygdalar neuronal activity mediates the cardiovascular responses evoked from the dorsolateral periaqueductal gray in conscious rats. <i>Neuroscience</i> , 2015, 284, 737-750.	2.3	8
31	Tobacco-Free Cigarette Smoke Exposure Induces Anxiety and Panic-Related Behaviours in Male Wistar Rats. <i>Scientific Reports</i> , 2018, 8, 4943.	3.3	8
32	Brown adipose tissue thermogenesis precedes food intake in genetically obese Zucker (fa/fa) rats. <i>Physiology and Behavior</i> , 2013, 118, 129-137.	2.1	6
33	Malnutrition alters the cardiovascular responses induced by central injection of tityustoxin in Fischer rats. <i>Toxicon</i> , 2013, 76, 343-349.	1.6	5
34	Severe food restriction activates the central renin angiotensin system. <i>Physiological Reports</i> , 2020, 8, e14338.	1.7	5
35	Lasting effects of ketamine and isoflurane administration on anxiety- and panic-like behavioral responses in Wistar rats. <i>Life Sciences</i> , 2021, 276, 119423.	4.3	5
36	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

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37	Protein restriction during pregnancy affects lung development and promotes oxidative stress and inflammation in C57BL/6 mice offspring. <i>Nutrition</i> , 2022, , 111682.	2.4	1
38	The role of peripheral transient receptor potential vanilloid 1 channels in stress-induced hyperthermia in rats subjected to an anxiogenic environment. <i>Journal of Thermal Biology</i> , 2022, 106, 103191.	2.5	0