

Vagner R Antunes

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

684
citations

15
h-index

24
g-index

52
ext. papers

775
ext. citations

3.2
avg, IF

3.64
L-index

#	Paper	IF	Citations
49	Advancing respiratory-cardiovascular physiology with the working heart-brainstem preparation over 25 years.. <i>Journal of Physiology</i> , 2022 ,	3.9	1
48	The gut-brain axis and sodium appetite: Can inflammation-related signaling influence the control of sodium intake?. <i>Appetite</i> , 2022 , 175, 106050	4.5	
47	Exercise training rescues the electrical activity of liver-projecting DMNV neurones in response to oxytocin in spontaneously hypertensive rats. <i>Journal of Neuroendocrinology</i> , 2021 , 33, e12977	3.8	2
46	Purinergic P2 and glutamate NMDA receptor coupling contributes to osmotically driven excitability in hypothalamic magnocellular neurosecretory neurons. <i>Journal of Physiology</i> , 2021 , 599, 3531-3547	3.9	0
45	Swimming training improves cardiovascular autonomic dysfunctions and prevents renal damage in rats fed a high-sodium diet from weaning. <i>Experimental Physiology</i> , 2021 , 106, 412-426	2.4	2
44	Hypertension and sympathetic nervous system overactivity rely on the vascular tone of pial vessels of the rostral ventrolateral medulla in spontaneously hypertensive rats. <i>Experimental Physiology</i> , 2020 , 105, 65-74	2.4	3
43	Depletion of C1 neurons attenuates the salt-induced hypertension in unanesthetized rats. <i>Brain Research</i> , 2020 , 1748, 147107	3.7	1
42	Transcriptome Analysis Reveals Downregulation of Urocortin Expression in the Hypothalamo-Neurohypophysial System of Spontaneously Hypertensive Rats. <i>Frontiers in Physiology</i> , 2020 , 11, 599507	4.6	0
41	Minocycline alters expression of inflammatory markers in autonomic brain areas and ventilatory responses induced by acute hypoxia. <i>Experimental Physiology</i> , 2018 , 103, 884-895	2.4	13
40	The role of insulin at brain-liver axis in the control of glucose production. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G538-G543	5.1	5
39	Long-term stimulation of cardiac vagal preganglionic neurons reduces blood pressure in the spontaneously hypertensive rat. <i>Journal of Hypertension</i> , 2018 , 36, 2444-2452	1.9	12
38	Central action of CART induces neuronal activation in the paraventricular and dorsomedial hypothalamus of diet-induced obese and lean mice. <i>Neuroscience Letters</i> , 2018 , 686, 175-180	3.3	2
37	Purinergic P2 receptors in the paraventricular nucleus of the hypothalamus are involved in hyperosmotic-induced sympathoexcitation. <i>Neuroscience</i> , 2017 , 349, 253-263	3.9	5
36	Hypertonic NaCl versus osmotic stimuli: distinct OVLT neurones can sense the difference to control sympathetic outflow and blood pressure. <i>Journal of Physiology</i> , 2017 , 595, 6089-6090	3.9	
35	Chronic high-sodium diet intake after weaning lead to neurogenic hypertension in adult Wistar rats. <i>Scientific Reports</i> , 2017 , 7, 5655	4.9	14
34	High-fat diet-induced hypertension and autonomic imbalance are associated with an upregulation of CART in the dorsomedial hypothalamus of mice. <i>Physiological Reports</i> , 2016 , 4, e12811	2.6	25
33	Thyroid hormone reduces inflammatory cytokines improving glycaemia control in alloxan-induced diabetic wistar rats. <i>Acta Physiologica</i> , 2016 , 217, 130-40	5.6	19

32	Angiotensin II acting on PVN induces sympathoexcitation and pressor responses via the PI3K-dependent pathway. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016 , 198, 54-8	2.4	6
31	ATP stimulates rat hypothalamic sympathetic neurons by enhancing AMPA receptor-mediated currents. <i>Journal of Neurophysiology</i> , 2015 , 114, 159-69	3.2	10
30	Subdiaphragmatic vagus nerve activity and hepatic venous glucose are differentially regulated by the central actions of insulin in Wistar and SHR. <i>Physiological Reports</i> , 2015 , 3, e12381	2.6	7
29	Salt-induced sympathoexcitation involves vasopressin V1a receptor activation in the paraventricular nucleus of the hypothalamus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1369-79	3.2	22
28	Central action of Insulin on the Modulation of Autonomic Balance to Control Hepatic Glucose of Wistar and SHR: Any Interaction Between Hypothalamic Paraventricular Nucleus and Dorsal Vagal Complex?. <i>FASEB Journal</i> , 2015 , 29, 828.7	0.9	2
27	The cardiovascular actions of fractalkine/CX3CL1 in the hypothalamic paraventricular nucleus are attenuated in rats with heart failure. <i>Experimental Physiology</i> , 2014 , 99, 111-22	2.4	12
26	Purinergic and glutamatergic interactions in the hypothalamic paraventricular nucleus modulate sympathetic outflow. <i>Purinergic Signalling</i> , 2013 , 9, 337-49	3.8	10
25	Commissural nucleus of the solitary tract regulates the antihypertensive effects elicited by moxonidine. <i>Neuroscience</i> , 2013 , 250, 80-91	3.9	13
24	ATP-induced sympathoexcitation involves purinergic and glutamatergic mechanisms in the RVLM-projecting PVN neurons. <i>FASEB Journal</i> , 2013 , 27, 926.4	0.9	
23	Baroreceptor-mediated activation of sympathetic nerve activity to salivary glands. <i>Physiology and Behavior</i> , 2012 , 107, 390-6	3.5	2
22	Switching control of sympathetic activity from forebrain to hindbrain in chronic dehydration. <i>Journal of Physiology</i> , 2011 , 589, 4457-71	3.9	20
21	Temporal profile of arginine vasopressin release from the neurohypophysis in response to hypertonic saline and hypotension measured using a fluorescent fusion protein. <i>Journal of Neuroscience Methods</i> , 2011 , 201, 191-5	3	5
20	Tyrosine hydroxylase immunoreactivity as indicator of sympathetic activity: simultaneous evaluation in different tissues of hypertensive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 300, R264-71	3.2	48
19	Purinergic mechanisms mediating sympathoexcitation in the paraventricular nucleus (PVN) of hypothalamus. <i>FASEB Journal</i> , 2011 , 25, 1075.19	0.9	
18	Control of cardiac contractility in the rat working heart-brainstem preparation. <i>Experimental Physiology</i> , 2010 , 95, 107-19	2.4	14
17	SGLT1 protein expression in plasma membrane of acinar cells correlates with the sympathetic outflow to salivary glands in diabetic and hypertensive rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 299, E1028-37	6	16
16	Evaluation of PI3K expression and its interaction with angiotensin II on central autonomic nuclei of hypertensive animals. <i>FASEB Journal</i> , 2010 , 24, lb695	0.9	
15	Osmotic regulation of neuronal nitric oxide synthase expression in the rat amygdala: functional role for nitric oxide in adaptive responses?. <i>Journal of Neuroscience Research</i> , 2007 , 85, 410-22	4.4	6

14	Activation of peripheral chemoreceptors causes positive inotropic effects in a working heart-brainstem preparation of the rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007 , 34, 1156-9	3	15
13	Transcription factor expression in the hypothalamo-neurohypophyseal system of the dehydrated rat: upregulation of gonadotrophin inducible transcription factor 1 mRNA is mediated by cAMP-dependent protein kinase A. <i>Journal of Neuroscience</i> , 2007 , 27, 2196-203	6.6	25
12	Autonomic and respiratory responses to microinjection of L-glutamate into the commissural subnucleus of the NTS in the working heart-brainstem preparation of the rat. <i>Brain Research</i> , 2006 , 1093, 150-60	3.7	12
11	A spinal vasopressinergic mechanism mediates hyperosmolality-induced sympathoexcitation. <i>Journal of Physiology</i> , 2006 , 576, 569-83	3.9	67
10	Significant contribution from the thoracic spinal cord in mediating ischaemia induced sympatho-excitation.. <i>FASEB Journal</i> , 2006 , 20, A775	0.9	5
9	Pressor response to chemoreflex activation in awake rats: role of vasopressin and adrenal medulla. <i>Physiology and Behavior</i> , 2005 , 84, 39-44	3.5	10
8	Autonomic and respiratory responses to microinjection of ATP into the intermediate or caudal nucleus tractus solitarius in the working heart-brainstem preparation of the rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005 , 32, 467-72	3	26
7	Hemodynamic and respiratory responses to microinjection of ATP into the intermediate and caudal NTS of awake rats. <i>Brain Research</i> , 2005 , 1032, 85-93	3.7	30
6	Cardiovascular responses to microinjection of ATP into the nucleus tractus solitarii of awake rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R1164-71	3.2	21
5	NMDA receptor antagonism blocks the cardiovascular responses to microinjection of trans-ACPD into the NTS of awake rats. <i>Experimental Physiology</i> , 2004 , 89, 279-86	2.4	7
4	Antagonism of glutamatergic metabotropic receptors in the NTS of awake rats does not affect the gain of the baroreflex. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2003 , 103, 65-71	2.4	11
3	Orexins/hypocretins excite rat sympathetic preganglionic neurons in vivo and in vitro. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 281, R1801-7	3.2	125
2	Effects of the alpha antagonists and agonists injected into the lateral hypothalamus on the water and sodium intake induced by angiotensin II injection into the subfornical organ. <i>Brain Research Bulletin</i> , 1999 , 48, 521-5	3.9	18
1	Role of angiotensin II and vasopressin receptors within the supraoptic nucleus in water and sodium intake induced by the injection of angiotensin II into the medial septal area. <i>Brazilian Journal of Medical and Biological Research</i> , 1998 , 31, 1597-600	2.8	15