

Marco Antônio Peliky Fontes

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90
papers

2,823
citations

28
h-index

51
g-index

95
ext. papers

3,042
ext. citations

3.7
avg, IF

4.55
L-index

#	Paper	IF	Citations
90	Characterization of a new angiotensin antagonist selective for angiotensin-(1-7): evidence that the actions of angiotensin-(1-7) are mediated by specific angiotensin receptors. <i>Brain Research Bulletin</i> , 1994 , 35, 293-8	3.9	256
89	Central mechanisms underlying short- and long-term regulation of the cardiovascular system. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002 , 29, 261-8	3	240
88	Medullary and supramedullary mechanisms regulating sympathetic vasomotor tone. <i>Acta Physiologica Scandinavica</i> , 2003 , 177, 209-18		213
87	Descending pathways mediating cardiovascular response from dorsomedial hypothalamic nucleus. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H2891-901	5.2	144
86	Evidence that angiotensin-(1-7) plays a role in the central control of blood pressure at the ventro-lateral medulla acting through specific receptors. <i>Brain Research</i> , 1994 , 665, 175-80	3.7	135
85	Cardiovascular responses evoked by leptin acting on neurons in the ventromedial and dorsomedial hypothalamus. <i>Hypertension</i> , 2003 , 42, 488-93	8.5	107
84	Cardiovascular effects produced by microinjection of angiotensins and angiotensin antagonists into the ventrolateral medulla of freely moving rats. <i>Brain Research</i> , 1997 , 750, 305-10	3.7	88
83	Role of angiotensin II receptors in the regulation of vasomotor neurons in the ventrolateral medulla. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002 , 29, 467-72	3	83
82	The dorsomedial hypothalamus and the central pathways involved in the cardiovascular response to emotional stress. <i>Neuroscience</i> , 2011 , 184, 64-74	3.9	78
81	Descending vasomotor pathways from the dorsomedial hypothalamic nucleus: role of medullary raphe and RVLM. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R824-32	3.2	69
80	Cardiovascular effects produced by micro-injection of angiotensin-(1-7) on vasopressor and vasodepressor sites of the ventrolateral medulla. <i>Brain Research</i> , 1993 , 613, 321-5	3.7	67
79	Angiotensin peptides acting at rostral ventrolateral medulla contribute to hypertension of TGR(mREN2)27 rats. <i>Physiological Genomics</i> , 2000 , 2, 137-42	3.6	59
78	Cardiovascular and thermal responses evoked from the periaqueductal grey require neuronal activity in the hypothalamus. <i>Journal of Physiology</i> , 2009 , 587, 1201-15	3.9	53
77	Blockade of endogenous angiotensin-(1-7) in the hypothalamic paraventricular nucleus reduces renal sympathetic tone. <i>Hypertension</i> , 2005 , 46, 341-8	8.5	53
76	Chronic infusion of angiotensin receptor antagonists in the hypothalamic paraventricular nucleus prevents hypertension in a rat model of sleep apnea. <i>Brain Research</i> , 2011 , 1368, 231-8	3.7	50
75	Role of periaqueductal gray on the cardiovascular response evoked by disinhibition of the dorsomedial hypothalamus. <i>Brain Research</i> , 2003 , 984, 206-14	3.7	49
74	What drives the tonic activity of presympathetic neurons in the rostral ventrolateral medulla?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000 , 27, 1049-53	3	47

73	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, H393-400	5.2	46
72	Cardiovascular effects of angiotensin II in the rostral ventrolateral medulla: the push-pull hypothesis. <i>Current Hypertension Reports</i> , 2007 , 9, 222-7	4.7	39
71	Activation of angiotensin-converting enzyme 2/angiotensin-(1-7)/Mas axis attenuates the cardiac reactivity to acute emotional stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H1057-67	5.2	38
70	Angiotensin-(1-7) attenuates the anxiety and depression-like behaviors in transgenic rats with low brain angiotensinogen. <i>Behavioural Brain Research</i> , 2013 , 257, 25-30	3.4	37
69	Emotional stress and sympathetic activity: contribution of dorsomedial hypothalamus to cardiac arrhythmias. <i>Brain Research</i> , 2014 , 1554, 49-58	3.7	36
68	Cardiovascular responses evoked by activation or blockade of GABA(A) receptors in the hypothalamic PVN are attenuated in transgenic rats with low brain angiotensinogen. <i>Brain Research</i> , 2012 , 1448, 101-10	3.7	34
67	Cholinergic signaling exerts protective effects in models of sympathetic hyperactivity-induced cardiac dysfunction. <i>PLoS ONE</i> , 2014 , 9, e100179	3.7	34
66	Functional asymmetry in the descending cardiovascular pathways from dorsomedial hypothalamic nucleus. <i>Neuroscience</i> , 2009 , 164, 1360-8	3.9	34
65	Contribution of infralimbic cortex in the cardiovascular response to acute stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 303, R639-50	3.2	34
64	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, 129-37	3.7	31
63	Reduced anxiety-like behavior in transgenic rats with chronically overproduction of angiotensin-(1-7): Role of the Mas receptor. <i>Behavioural Brain Research</i> , 2017 , 331, 193-198	3.4	28
62	A Glutamatergic Hypothalamomedullary Circuit Mediates Thermogenesis, but Not Heat Conservation, during Stress-Induced Hyperthermia. <i>Current Biology</i> , 2018 , 28, 2291-2301.e5	6.3	28
61	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, R881-90	3.2	28
60	Excitatory amino acid receptors in the periaqueductal gray mediate the cardiovascular response evoked by activation of dorsomedial hypothalamic neurons. <i>Neuroscience</i> , 2006 , 139, 1129-39	3.9	27
59	The physiological role of AT1 receptors in the ventrolateral medulla. <i>Brazilian Journal of Medical and Biological Research</i> , 2000 , 33, 643-52	2.8	27
58	Alterations of the renin-angiotensin system at the RVLM of transgenic rats with low brain angiotensinogen. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 280, R428-33	3.2	26
57	Brain angiotensin-(1-7)/Mas axis: A new target to reduce the cardiovascular risk to emotional stress. <i>Neuropeptides</i> , 2016 , 56, 9-17	3.3	25
56	Cardiovascular effects produced by activation of GABA receptors in the rostral ventrolateral medulla of conscious rats. <i>Neuroscience</i> , 2007 , 144, 336-43	3.9	25

55	Angiotensin-(1-7) in the basolateral amygdala attenuates the cardiovascular response evoked by acute emotional stress. <i>Brain Research</i> , 2015 , 1594, 183-9	3.7	24
54	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, 484-93	3	24
53	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	3	21
52	Asymmetry in the control of cardiac performance by dorsomedial hypothalamus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R664-74	3.2	21
51	Blockade of AT1 receptors in the rostral ventrolateral medulla increases sympathetic activity under hypoxic conditions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 290, R733-40	3.2	19
50	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	2.4	16
49	Synchronized activation of sympathetic vasomotor, cardiac, and respiratory outputs by neurons in the midbrain colliculi. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 303, R599-610	3.2	16
48	Murine model to study brain, behavior and immunity during hepatic encephalopathy. <i>World Journal of Hepatology</i> , 2014 , 6, 243-50	3.4	14
47	Commentaries on Viewpoint: Can elite athletes benefit from dietary nitrate supplementation?. <i>Journal of Applied Physiology</i> , 2015 , 119, 762-9	3.7	13
46	Cardiovascular and behavioral effects produced by administration of liposome-entrapped GABA into the rat central nervous system. <i>Neuroscience</i> , 2015 , 285, 60-9	3.9	13
45	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, 765-73	2	13
44	GABA-containing liposomes: neuroscience applications and translational perspectives for targeting neurological diseases. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 781-788	6	13
43	Vagus nerve regulates the phagocytic and secretory activity of resident macrophages in the liver. <i>Brain, Behavior, and Immunity</i> , 2019 , 81, 444-454	16.6	12
42	Baroreflex control of heart rate and renal sympathetic nerve activity in rats with low brain angiotensinogen. <i>Neuropeptides</i> , 2008 , 42, 159-68	3.3	11
41	Evidence for a functional cardiac interaction between losartan and angiotensin-(1-7) receptors revealed by orthostatic tilting test in rats. <i>British Journal of Pharmacology</i> , 2005 , 144, 755-60	8.6	11
40	Cardiovascular effects produced by nitric oxide-related drugs in the caudal ventrolateral medulla. <i>NeuroReport</i> , 1999 , 10, 731-5	1.7	11
39	Haemorrhage increases the pressor effect of angiotensin-(1-7) but not of angiotensin II at the rat rostral ventrolateral medulla. <i>Journal of Hypertension</i> , 1999 , 17, 1145-52	1.9	11
38	Coordinated autonomic and respiratory responses evoked by alerting stimuli: Role of the midbrain colliculi. <i>Respiratory Physiology and Neurobiology</i> , 2016 , 226, 87-93	2.8	10

37	Renal sympathetic nerve activity is increased in monosodium glutamate induced hyperadipose rats. <i>Neuroscience Letters</i> , 2012 , 522, 118-22	3.3	10
36	Ghrelin potentiates cardiac reactivity to stress by modulating sympathetic control and beta-adrenergic response. <i>Life Sciences</i> , 2018 , 196, 84-92	6.8	9
35	Paraventricular nucleus of hypothalamus participates in the sympathetic modulation and spontaneous fluctuation of baroreflex during head up tilt in unanesthetized rats. <i>Neuroscience Letters</i> , 2014 , 558, 1-7	3.3	9
34	Bezold-Jarisch reflex in sino-aortic denervated malnourished rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 162, 48-53	2.4	9
33	Activation of 5-HT receptors in the periaqueductal gray attenuates the tachycardia evoked from dorsomedial hypothalamus. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009 , 148, 36-43	2.4	9
32	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
31	Disinhibition of the midbrain colliculi unmasks coordinated autonomic, respiratory, and somatomotor responses to auditory and visual stimuli. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R1025-35	3.2	8
30	Cardiovascular reactivity after blockade of angiotensin AT1 receptors in the experimental model of tilting test in conscious rats. <i>British Journal of Pharmacology</i> , 2008 , 153, 966-71	8.6	8
29	Pressor action of angiotensin I at the ventrolateral medulla: effect of selective angiotensin blockade. <i>Immunopharmacology</i> , 1996 , 33, 305-7		8
28	Chronic Treatment with Ivabradine Does Not Affect Cardiovascular Autonomic Control in Rats. <i>Frontiers in Physiology</i> , 2016 , 7, 305	4.6	8
27	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	2.4	7
26	Evidence that remodeling of insular cortex neurovascular unit contributes to hypertension-related sympathoexcitation. <i>Physiological Reports</i> , 2017 , 5, e13156	2.6	7
25	Sympathoinhibition to Bezold-Jarisch reflex is attenuated in protein malnourished rats. <i>Neuroscience Letters</i> , 2011 , 488, 129-32	3.3	7
24	Excitatory amino acid receptors in the dorsomedial hypothalamus are involved in the cardiovascular and behavioural chemoreflex responses. <i>Experimental Physiology</i> , 2011 , 96, 73-84	2.4	7
23	Spinophilin regulates central angiotensin II-mediated effect on blood pressure. <i>Journal of Molecular Medicine</i> , 2011 , 89, 1219-29	5.5	7
22	Enhanced isoproterenol-induced cardiac hypertrophy in transgenic rats with low brain angiotensinogen. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H2371-6	5.2	7
21	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
20	Angiotensin-converting enzyme 2 activator, DIZE in the basolateral amygdala attenuates the tachycardic response to acute stress by modulating glutamatergic tone. <i>Neuropeptides</i> , 2020 , 83, 102076	3.3	6

19	Liposome-encapsulated neuropeptides for site-specific microinjection. <i>Methods in Molecular Biology</i> , 2011 , 789, 343-55	1.4	5
18	Liposome-entrapped GABA modulates the expression of nNOS in NG108-15 cells. <i>Journal of Neuroscience Methods</i> , 2016 , 273, 55-63	3	5
17	Stating asymmetry in neural pathways: methodological trends in autonomic neuroscience. <i>International Journal of Neuroscience</i> , 2018 , 128, 1078-1085	2	4
16	Renal sympathetic denervation for resistant hypertension: where do we stand after more than a decade. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2020 , 42, 67-76	1.5	4
15	Cardiovascular reactivity to emotional stress: The hidden challenge for pets in the urbanized environment. <i>Physiology and Behavior</i> , 2019 , 207, 151-158	3.5	3
14	Involvement of the paraventricular nucleus (PVN) of hypothalamus in the cardiovascular alterations to head up tilt in conscious rats. <i>Neuroscience Research</i> , 2012 , 72, 270-4	2.9	3
13	Ventromedial medullary pathway mediating cardiac responses evoked from periaqueductal gray. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020 , 228, 102716	2.4	3
12	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	6	3
11	Alamandine but not angiotensin-(1-7) produces cardiovascular effects at the rostral insular cortex. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R513-R521	3.2	3
10	Evidence that central action of paraquat interferes in the dipsogenic effect of Ang II. <i>NeuroToxicology</i> , 2010 , 31, 305-9	4.4	2
9	Commentaries on Viewpoint: The ongoing need for good physiological investigation: Obstructive sleep apnea in HIV patients as a paradigm. <i>Journal of Applied Physiology</i> , 2015 , 118, 247-50	3.7	1
8	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. Activated intrarenal renin-angiotensin system is correlated with high blood pressure in hypertensive patients. <i>Journal of Hypertension</i> , 2019 , 37, 2002-2003	3.7	1
7	Intracerebroventricular injection of liposome-entrapped GABA attenuates the renal sympathetic nerve activity response evoked by central administration of bicuculline in anesthetized rats. <i>FASEB Journal</i> , 2012 , 26, 1091.38	0.9	1
6	Pronounced fall in renal sympathetic activity after blockade of endogenous angiotensin-(1-7) in the paraventricular nucleus during hyperosmolar conditions. <i>FASEB Journal</i> , 2008 , 22, 1236.1	0.9	
5	Central administration of angiotensin-(1-7) markedly reduces the tachycardia evoked by acute psychological stress exposure. <i>FASEB Journal</i> , 2009 , 23, 609.5	0.9	
4	Comparison of the cardiovascular effects produced by interference with GABA transmission in the left and right sides of dorsomedial hypothalamus in conscious rats. <i>FASEB Journal</i> , 2012 , 26, 1091.5	0.9	
3	Activation of NMDA receptors results in different autonomic and cardiovascular responses along the rostrocaudal axis of the insular cortex. <i>FASEB Journal</i> , 2013 , 27, 1118.5	0.9	
2	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	2.4	

- 1 Centrally acting antihypertensives change the psychogenic cardiovascular reactivity. *Fundamental and Clinical Pharmacology*, **2021**, 35, 892-905 3.1