Eduardo Colombari

List of Publications by Citations

198 papers	2,758 citations	27 h-index	43 g-index
209 ext. papers	3,048 ext. citations	3.3 avg, IF	4.77 L-index

#	Paper	IF	Citations
198	Peripheral chemoreceptor inputs to retrotrapezoid nucleus (RTN) CO2-sensitive neurons in rats. *Journal of Physiology*, **2006**, 572, 503-23	3.9	252
197	Role of the medulla oblongata in hypertension. *Hypertension*, **2001**, 38, 549-54	8.5	127
196	Central chemoreceptors and sympathetic vasomotor outflow. *Journal of Physiology*, **2006**, 577, 369-86	3.9	107
195	The nucleus of the solitary tract and the coordination of respiratory and sympathetic activities. *Frontiers in Physiology*, **2014**, 5, 238	4.6	96
194	Role of endogenous carbon monoxide in central regulation of arterial pressure. *Hypertension*, **1997**, 30, 962-7	8.5	65
193	Inhibitory input from slowly adapting lung stretch receptors to retrotrapezoid nucleus chemoreceptors. *Journal of Physiology*, **2007**, 580, 285-300	3.9	63
192	Phox2b-expressing retrotrapezoid neurons and the integration of central and peripheral chemosensory control of breathing in conscious rats. *Experimental Physiology*, **2014**, 99, 571-85	2.4	57
191	Involvement of the central nervous system in the salivary secretion induced by pilocarpine in rats. *Journal of Dental Research*, **1993**, 72, 1481-4	8.1	51
190	Transcription factor CREB3L1 regulates vasopressin gene expression in the rat hypothalamus. *Journal of Neuroscience*, **2014**, 34, 3810-20	6.6	50
189	Consequences of subchronic and chronic exposure to intermittent hypoxia and sleep deprivation on cardiovascular risk factors in rats. *Respiratory Physiology and Neurobiology*, **2007**, 156, 250-8	2.8	48
188	Nitric oxide modulation of glutamatergic, baroreflex, and cardiopulmonary transmission in the nucleus of the solitary tract. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 288, H256-62	5.2	47
187	The anteroventral third ventricle (AV3V) region is essential for pressor, dipsogenic and natriuretic responses to central carbachol. *Neuroscience Letters*, **1990**, 113, 339-44	3.3	46
186	Ventrolateral medulla mechanisms involved in cardiorespiratory responses to central chemoreceptor activation in rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 300, R501-10	3.2	39
185	Leptin into the ventrolateral medulla facilitates chemorespiratory response in leptin-deficient (ob/ob) mice. *Acta Physiologica*, **2014**, 211, 240-8	5.6	38
184	GABAergic pump cells of solitary tract nucleus innervate retrotrapezoid nucleus chemoreceptors. *Journal of Neurophysiology*, **2007**, 98, 374-81	3.2	38
183	Sympathetic overactivity occurs before hypertension in the two-kidney, one-clip model. *Experimental Physiology*, **2016**, 101, 67-80	2.4	38
182	Resistance training prevents the cardiovascular changes caused by high-fat diet. *Life Sciences*, **2016**, 146, 154-62	6.8	35

181	Iron overload in hypercholesterolemic rats affects iron homeostasis and serum lipids but not blood pressure. *Journal of Nutrition*, **2003**, 133, 15-20	4.1	35
180	Does the sympathetic nervous system contribute to the pathophysiology of metabolic syndrome?. *Frontiers in Physiology*, **2015**, 6, 234	4.6	32
179	Cardiovascular responses to hydrogen peroxide into the nucleus tractus solitarius. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 297, R462-9	3.2	32
178	Increased expression of angiotensin II type 2 receptors in the solitary-vagal complex blunts renovascular hypertension. *Hypertension*, **2014**, 64, 777-83	8.5	31
177	Interaction between the retrotrapezoid nucleus and the parafacial respiratory group to regulate active expiration and sympathetic activity in rats. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2018**, 315, L891-L909	5.8	31
176	Maternal protein restriction increases respiratory and sympathetic activities and sensitizes peripheral chemoreflex in male rat offspring. *Journal of Nutrition*, **2015**, 145, 907-14	4.1	28
175	Antihypertensive effects of central ablations in spontaneously hypertensive rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 296, R1797-806	3.2	28
174	NMDA receptor antagonist blocks the bradycardic but not the pressor response to L-glutamate microinjected into the nucleus tractus solitarius (NTS) of unanesthetized rats. *Brain Research*, **1997**, 749, 209-13	3.7	28
173	Activation of 5-hydroxytryptamine type 3 receptor-expressing C-fiber vagal afferents inhibits retrotrapezoid nucleus chemoreceptors in rats. *Journal of Neurophysiology*, **2007**, 98, 3627-37	3.2	28
172	Lesions of the commissural nucleus of the solitary tract reduce arterial pressure in spontaneously hypertensive rats. *Hypertension*, **2001**, 38, 560-4	8.5	27
171	Central leptin replacement enhances chemorespiratory responses in leptin-deficient mice independent of changes in body weight. *Pflugers Archiv European Journal of Physiology*, **2012**, 464, 145-53	4.6	25
170	Effect of nitric oxide on excitatory amino acid-evoked discharge of neurons in NTS. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 284, H234-40	5.2	25
169	A low protein diet causes an increase in the basal levels and variability of mean arterial pressure and heart rate in Fisher rats. *Nutritional Neuroscience*, **2004**, 7, 201-5	3.6	25
168	Role of carbon monoxide in L-glutamate-induced cardiovascular responses in nucleus tractus solitarius of conscious rats. *Brain Research*, **1999**, 824, 147-52	3.7	25
167	Activation of the brain melanocortin system is required for leptin-induced modulation of chemorespiratory function. *Acta Physiologica*, **2015**, 213, 893-901	5.6	23
166	Control of respiratory and cardiovascular functions by leptin. *Life Sciences*, **2015**, 125, 25-31	6.8	23
165	Inhibitory mechanism of the nucleus of the solitary tract involved in the control of cardiovascular, dipsogenic, hormonal, and renal responses to hyperosmolality. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 304, R531-42	3.2	23
164	Anti-hypertensive drugs have different effects on ventricular hypertrophy regression. *Clinics*, **2010**, 65, 723-8	2.3	23

163	Cardiovascular responses produced by central injection of hydrogen peroxide in conscious rats. *Brain Research Bulletin*, **2006**, 71, 37-44	3.9	23
162	Hindbrain mineralocorticoid mechanisms on sodium appetite. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 304, R252-9	3.2	22
161	Evaluation of baroreflex function in young spontaneously hypertensive rats. *Arquivos Brasileiros De Cardiologia*, **2009**, 92, 205-15	1.2	22
160	AV3V lesion suppresses the pressor, dipsogenic and natriuretic responses to cholinergic activation of the septal area in rats. *Brain Research*, **1992**, 572, 172-5	3.7	22
159	Ablation of NK1 receptor bearing neurons in the nucleus of the solitary tract blunts cardiovascular reflexes in awake rats. *Brain Research*, **2006**, 1119, 165-73	3.7	21
158	Switching control of sympathetic activity from forebrain to hindbrain in chronic dehydration. *Journal of Physiology*, **2011**, 589, 4457-71	3.9	20
157	Central blockade of nitric oxide synthesis reduces moxonidine-induced hypotension. *British Journal of Pharmacology*, **2004**, 142, 765-71	8.6	20
156	Afferent pathways in cardiovascular adjustments induced by volume expansion in anesthetized rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2000**, 279, R884-90	3.2	20
155	Chemosensory control by commissural nucleus of the solitary tract in rats. *Respiratory Physiology and Neurobiology*, **2011**, 179, 227-34	2.8	19
154	Inhibition of neurons in commissural nucleus of solitary tract reduces sympathetic nerve activity in SHR. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 282, H1679-84	5.2	19
153	Angiotensin II-derived reactive oxygen species underpinning the processing of the cardiovascular reflexes in the medulla oblongata. *Neuroscience Bulletin*, **2011**, 27, 269-74	4.3	18
152	Carbon monoxide as a novel mediator of the febrile response in the central nervous system. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **1999**, 277, R499-507	3.2	18
151	Commissural NTS lesions and cardiovascular responses in aortic baroreceptor-denervated rats. *Hypertension*, **1999**, 34, 739-43	8.5	18
150	Overexpression of AT2R in the solitary-vagal complex improves baroreflex in the spontaneously hypertensive rat. *Neuropeptides*, **2016**, 60, 29-36	3.3	17
149	Cardiovascular responses to substance P in the nucleus tractus solitarii: microinjection study in conscious rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 285, H891-8	5.2	17
148	Role of central alpha 1- and alpha 2-adrenoceptors on the dipsogenic and cardiovascular effect of angiotensin II. *Pharmacology Biochemistry and Behavior*, **1990**, 36, 893-96	3.9	17
147	Differential modulation of sympathetic and respiratory activities by cholinergic mechanisms in the nucleus of the solitary tract in rats. *Experimental Physiology*, **2014**, 99, 743-58	2.4	16
146	Control of breathing and blood pressure by parafacial neurons in conscious rats. *Experimental Physiology*, **2013**, 98, 304-15	2.4	16

145	Central moxonidine on salivary gland blood flow and cardiovascular responses to pilocarpine. *Brain Research*, **2003**, 987, 155-63	3.7	16
144	Recovery of high blood pressure after chronic lesions of the commissural NTS in SHR. *Hypertension*, **2003**, 42, 713-8	8.5	16
143	Role of pressor mechanisms from the NTS and CVLM in control of arterial pressure. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 289, R1416-25	3.2	16
142	Facilitation of breathing by leptin effects in the central nervous system. *Journal of Physiology*, **2016**, 594, 1617-25	3.9	16
141	Macrophage migration inhibitory factor in the paraventricular nucleus plays a major role in the sympathoexcitatory response to salt. *Hypertension*, **2010**, 56, 956-63	8.5	15
140	Nitric oxide modulates the cardiovascular effects elicited by acetylcholine in the NTS of awake rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2008**, 295, R1774-81	3.2	15
139	Effects of AV3V lesion on pilocarpine-induced pressor response and salivary gland vasodilation. *Brain Research*, **2005**, 1055, 111-21	3.7	15
138	Commissural nucleus of the solitary tract lesions reduce food intake and body weight gain in rats. *Brain Research*, **1996**, 740, 102-8	3.7	15
137	Generation of active expiration by serotoninergic mechanisms of the ventral medulla of rats. *Journal of Applied Physiology*, **2016**, 121, 1135-1144	3.7	15
136	Long-term facilitation of expiratory and sympathetic activities following acute intermittent hypoxia in rats. *Acta Physiologica*, **2016**, 217, 254-66	5.6	14
135	Macrophage migration inhibitory factor in the nucleus of solitary tract decreases blood pressure in SHRs. *Cardiovascular Research*, **2013**, 97, 153-60	9.9	14
134	Central antioxidant therapy inhibits parasympathetic baroreflex control in conscious rats. *Neuroscience Letters*, **2011**, 489, 115-8	3.3	14
133	Exercise changes regional vascular control by commissural NTS in spontaneously hypertensive rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2010**, 299, R291-7	3.2	14
132	Denervation supersensitivity to glutamate in the nucleus tractus solitarii after removal of the nodose ganglion. *Brain Research*, **1995**, 677, 110-6	3.7	14
131	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	4.6	13
130	Commissural nucleus of the solitary tract regulates the antihypertensive effects elicited by moxonidine. *Neuroscience*, **2013**, 250, 80-91	3.9	13
129	Importance of angiotensinergic mechanisms for the pressor response to l-glutamate into the rostral ventrolateral medulla. *Brain Research*, **2010**, 1322, 72-80	3.7	13
128	GABAergic contribution to the muscle mechanoreflex-mediated heart rate responses at the onset of exercise in humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H716-H723	5.2	12

127	Lateral parabrachial nucleus and opioid mechanisms of the central nucleus of the amygdala in the control of sodium intake. *Behavioural Brain Research*, **2017**, 316, 11-17	3.4	12
126	Bovine pericardium retail preserved in glutaraldehyde and used as a vascular patch. *BMC Surgery*, **2011**, 11, 37	2.3	12
125	Angiotensinergic and cholinergic receptors of the subfornical organ mediate sodium intake induced by GABAergic activation of the lateral parabrachial nucleus. *Neuroscience*, **2014**, 262, 1-8	3.9	11
124	Increased Expression of Macrophage Migration Inhibitory Factor in the Nucleus of the Solitary Tract Attenuates Renovascular Hypertension in Rats. *American Journal of Hypertension*, **2017**, 30, 435-443	2.3	11
123	Inhibition of central angiotensin II-induced pressor responses by hydrogen peroxide. *Neuroscience*, **2010**, 171, 524-30	3.9	11
122	Cardiovascular mechanisms activated by microinjection of baclofen into NTS of conscious rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 284, H987-93	5.2	11
121	Cardiovascular responses to microinjection of L-glutamate into the NTS in AV3V-lesioned rats. *Brain Research*, **2004**, 1025, 106-12	3.7	11
120	Hemodynamic effects of L-glutamate in NTS of conscious rats: a possible role of vascular nitrosyl factors. *American Journal of Physiology - Heart and Circulatory Physiology*, **1998**, 274, H1066-74	5.2	11
119	A1 noradrenergic neurons lesions reduce natriuresis and hypertensive responses to hypernatremia in rats. *PLoS ONE*, **2013**, 8, e73187	3.7	11
118	Intra-strain variations of baroreflex sensitivity in young Wistar-Kyoto rats. *Clinical and Investigative Medicine*, **2009**, 32, E251	0.9	11
117	Neuronal circuits involved in osmotic challenges. *Physiological Research*, **2017**, 66, 411-423	2.1	11
116	Importance of AT1 and AT2 receptors in the nucleus of the solitary tract in cardiovascular responses induced by a high-fat diet. *Hypertension Research*, **2019**, 42, 439-449	4.7	11
115	The lateral parabrachial nucleus and central angiotensinergic mechanisms in the control of sodium intake induced by different stimuli. *Behavioural Brain Research*, **2017**, 333, 17-26	3.4	10
114	Activation of opioid receptors in the LPBN facilitates sodium intake in rats. *Behavioural Brain Research*, **2015**, 288, 20-5	3.4	10
113	Saphenofemoral arteriovenous fistula as hemodialysis access. *BMC Surgery*, **2010**, 10, 28	2.3	10
112	Central cholinergic blockade reduces the pressor response to L-glutamate into the rostral ventrolateral medullary pressor area. *Brain Research*, **2007**, 1155, 100-7	3.7	10
111	Importance of the commissural nucleus of the solitary tract in renovascular hypertension. *Hypertension Research*, **2019**, 42, 587-597	4.7	10
110	Enhanced angiotensin II induced sodium appetite in renovascular hypertensive rats. *Peptides*, **2018**, 101, 82-88	3.8	9

109	Involvement of the median preoptic nucleus in blood pressure control. *Neuroscience Letters*, **2014**, 558, 91-6	3.3	9
108	Involvement of central alpha1- and alpha2-adrenoceptors on cardiovascular responses to moxonidine. *European Journal of Pharmacology*, **2007**, 563, 164-71	5.3	9
107	AV3V lesions reduce the pressor response to L-glutamate into the RVLM. *Brain Research*, **2006**, 1086, 160-7	3.7	9
106	Hydrogen peroxide attenuates the dipsogenic, renal and pressor responses induced by cholinergic activation of the medial septal area. *Neuroscience*, **2015**, 284, 611-621	3.9	8
105	Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates sympathetic nerve activity responses to L-glutamate. *Journal of Applied Physiology*, **2012**, 113, 1423-31	3.7	8
104	Antihypertensive responses elicited by central moxonidine in rats: possible role of nitric oxide. *Journal of Cardiovascular Pharmacology*, **2006**, 47, 780-7	3.1	8
103	Importance of the central nucleus of the amygdala on sodium intake caused by deactivation of lateral parabrachial nucleus. *Brain Research*, **2015**, 1625, 238-45	3.7	7
102	Median preoptic nucleus mediates the cardiovascular recovery induced by hypertonic saline in hemorrhagic shock. *Scientific World Journal, The*, **2014**, 2014, 496121	2.2	7
101	High sodium intake during postnatal phases induces an increase in arterial blood pressure in adult rats. *British Journal of Nutrition*, **2014**, 112, 1923-32	3.6	7
100	Swimming exercise changes hemodynamic responses evoked by blockade of excitatory amino receptors in the rostral ventrolateral medulla in spontaneously hypertensive rats. *BioMed Research International*, **2014**, 2014, 487129	3	7
99	Important GABAergic mechanism within the NTS and the control of sympathetic baroreflex in SHR. *Autonomic Neuroscience: Basic and Clinical*, **2011**, 159, 62-70	2.4	7
98	Cardiovascular effects of central clonidine in conscious rats after hypothalamic lesions. *Journal of the Autonomic Nervous System*, **1992**, 40, 49-56		7
97	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	4.6	7
96	Physiological and Transcriptomic Changes in the Hypothalamic-Neurohypophysial System after 24 h of Furosemide-Induced Sodium Depletion. *Neuroendocrinology*, **2021**, 111, 70-86	5.6	7
95	Aldosterone infusion into the 4th ventricle produces sodium appetite with baroreflex attenuation independent of renal or blood pressure changes. *Brain Research*, **2018**, 1698, 70-80	3.7	6
94	Commissural nucleus of the solitary tract is important for cardiovascular responses to caudal pressor area activation. *Brain Research*, **2007**, 1161, 32-7	3.7	6
93	Differentiated hemodynamic changes controlled by splanchnic nerve. *Autonomic Neuroscience: Basic and Clinical*, **2006**, 126-127, 202-10	2.4	6
92	High-fat diet increases respiratory frequency and abdominal expiratory motor activity during hypercapnia. *Respiratory Physiology and Neurobiology*, **2018**, 258, 32-39	2.8	6

91	Effects of acetylcholine and cholinergic antagonists on the activity of nucleus of the solitary tract neurons. *Brain Research*, **2017**, 1659, 136-141	3.7	5
90	GABA mechanisms of the nucleus of the solitary tract regulates the cardiovascular and sympathetic effects of moxonidine. *Autonomic Neuroscience: Basic and Clinical*, **2016**, 194, 1-7	2.4	5
89	Role of the medial septal area on pilocarpine-induced salivary secretion and water intake. *Brain Research*, **2009**, 1298, 145-52	3.7	5
88	Central nitric oxide modulates hindquarter vasodilation elicited by AMPA receptor stimulation in the NTS of conscious rats. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 290, R1330-6	3.2	5
87	Hemodynamic effects elicited by microinjection of glutamatergic agonists into NTS of conscious rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2001**, 281, H1026-34	5.2	5
86	Leptin: Master Regulator of Biological Functions that Affects Breathing. *Comprehensive Physiology*, **2020**, 10, 1047-1083	7.7	5
85	Intracranial Pressure During the Development of Renovascular Hypertension. *Hypertension*, **2021**, 77, 1311-1322	8.5	5
84	Median preoptic nucleus excitatory neurotransmitters in the maintenance of hypertensive state. *Brain Research Bulletin*, **2018**, 142, 207-215	3.9	5
83	Interaction of central angiotensin II and aldosterone on sodium intake and blood pressure. *Brain Research*, **2019**, 1720, 146299	3.7	4
82	Centrally acting adrenomedullin in the long-term potentiation of sympathetic vasoconstrictor activity induced by intermittent hypoxia in rats. *Experimental Physiology*, **2019**, 104, 1371-1383	2.4	4
81	Activation of central □2-adrenoceptors mediates salivary gland vasoconstriction. *Archives of Oral Biology*, **2013**, 58, 167-73	2.8	4
80	Central mechanisms involved in pilocarpine-induced pressor response. *Autonomic Neuroscience: Basic and Clinical*, **2011**, 164, 34-42	2.4	4
79	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	1.4	4
78	Enhanced pressor response to carotid occlusion in commNTS-lesioned rats: possible efferent mechanisms. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2000**, 278, R1258-66	3.2	4
77	Effect of furosemide treatment on the central and peripheral pressor responses to cholinergic and adrenergic agonists, angiotensin II, hypertonic solution and vasopressin. *Neuroscience Letters*, **1992**, 143, 255-8	3.3	4
76	Preoptic□Periventricular Integrative Mechanisms Involved in Behavior, Fluid□Electrolyte Balance, and Pressor Responses. *Frontiers in Neuroscience*, **2013**, 31-52		4
75	The variability of baroreflex sensitivity in juvenile, spontaneously hypertensive rats. *Cardiovascular Journal of Africa*, **2011**, 22, 14-7	0.7	4
74	Endogenous hydrogen peroxide affects antidiuresis to cholinergic activation in the medial septal area. *Neuroscience Letters*, **2019**, 694, 51-56	3.3	4

73	Carotid bodies contribute to sympathoexcitation induced by acute salt overload. *Experimental Physiology*, **2019**, 104, 15-27	2.4	4
72	Sodium intake combining cholinergic activation and noradrenaline into the lateral parabrachial nucleus. *Neuroscience*, **2015**, 300, 229-37	3.9	3
71	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	3.2	3
70	Involvement of median preoptic nucleus and medullary noradrenergic neurons in cardiovascular and sympathetic responses of hemorrhagic rats. *Scientific Reports*, **2018**, 8, 11276	4.9	3
69	Cardiovascular and hidroelectrolytic changes in rats fed with high-fat diet. *Behavioural Brain Research*, **2019**, 373, 112075	3.4	3
68	Commissural NTS lesions enhance the pressor response to central cholinergic and adrenergic activation. *Neuroscience Letters*, **2012**, 521, 31-6	3.3	3
67	Topographic organization of the projections from the interstitial system of the spinal trigeminal tract to the parabrachial nucleus in the rat. *Brain Research*, **2006**, 1113, 137-45	3.7	3
66	Cardiopulmonary reflex is attenuated in iron overload conscious rats. *Nutritional Neuroscience*, **2007**, 10, 121-8	3.6	3
65	The bradycardic and hypotensive responses to serotonin are reduced by activation of GABAA receptors in the nucleus tractus solitarius of awake rats. *Brazilian Journal of Medical and Biological Research*, **2005**, 38, 1123-31	2.8	3
64	Vehicle influence on potassium replacement effectiveness in hypokalemic rats. *Brazilian Journal of Cardiovascular Surgery*, **2009**, 24, 367-72	1.1	3
63	Modulation of hypercapnic respiratory response by cholinergic transmission in the commissural nucleus of the solitary tract. *Pflugers Archiv European Journal of Physiology*, **2020**, 472, 49-60	4.6	3
62	Rapid stimulation of sodium intake combining aldosterone into the 4th ventricle and the blockade of the lateral parabrachial nucleus. *Neuroscience*, **2017**, 346, 94-101	3.9	2
61	Catalase blockade reduces the pressor response to central cholinergic activation. *Brain Research Bulletin*, **2019**, 153, 266-272	3.9	2
60	Cardiovascular responses to injections of angiotensin II or carbachol into the rostral ventrolateral medulla in rats with AV3V lesions. *Neuroscience Letters*, **2013**, 556, 32-6	3.3	2
59	Inhibition of the caudal pressor area reduces cardiorespiratory chemoreflex responses. *Neuroscience*, **2011**, 177, 84-92	3.9	2
58	Evolution of dose-related cardiovascular responses to L-glutamate microinjected into the nucleus tractus solitarii after removal of the nodose ganglion in rat. *Clinical and Experimental Pharmacology and Physiology*, **1995**, 22, S37-9	3	2
57	Vasopressin-dependent pressor responses induced by hypertonic saline load in rats with commissural NTS lesions. *FASEB Journal*, **2007**, 21, A514	0.9	2
56	Effects of leptin in the retrotrapezoid nucleus (RTN) on CO2-sensitivity and respiration.. *FASEB Journal*, **2013**, 27, 1137.12	0.9	2

55	Role of the Carotid Bodies in the Hypertensive and Natriuretic Responses to NaCl Load in Conscious Rats. *Frontiers in Physiology*, **2018**, 9, 1690	4.6	2
54	Does the median preoptic nucleus contribute to sympathetic hyperactivity in spontaneously hypertensive rats?. *Autonomic Neuroscience: Basic and Clinical*, **2016**, 195, 29-33	2.4	1
53	Hydrogen peroxide centrally attenuates hyperosmolarity-induced thirst and natriuresis. *Neuroscience Letters*, **2016**, 610, 129-34	3.3	1
52	Effect of the gadolinium ion on body fluid regulation. *Pharmacology Biochemistry and Behavior*, **2003**, 76, 275-83	3.9	1
51	The Carotid Body Detects Circulating Tumor Necrosis Factor-Alpha to Activate a Sympathetic Anti-Inflammatory Reflex		1
50	ANG II and Aldosterone Acting Centrally Participate in the Enhanced Sodium Intake in Water-Deprived Renovascular Hypertensive Rats. *Frontiers in Pharmacology*, **2021**, 12, 679985	5.6	1
49	Central muscarinic and LPBN mechanisms on sodium intake. *Brain Research Bulletin*, **2019**, 144, 14-20	3.9	1
48	Anti-hypertensive effect of hydrogen peroxide acting centrally. *Hypertension Research*, **2020**, 43, 1192-1203	4.3	0
47	Medullary Noradrenergic Neurons Mediate Hemodynamic Responses to Osmotic and Volume Challenges. *Frontiers in Physiology*, **2021**, 12, 649535	4.6	0
46	Despite increasing aldosterone, elevated potassium is not necessary for activating aldosterone-sensitive HSD2 neurons or sodium appetite. *Physiological Reports*, **2021**, 9, e14714	2.6	0
45	Low-Noise Amplifier for Deep-Brain Stimulation (DBS). *Electronics (Switzerland)*, **2022**, 11, 939	2.6	0
44	Is carotid body input the only critical mechanism involved in hypertension in spontaneously hypertensive rat?. *Journal of Physiology*, **2013**, 591, 745-6	3.9	
43	IMPORTˆ NCIA DA REGIˆ O ANTEROVENTRAL DO TERCEIRO VENTRˆ CULO (AV3V) NO CONTROLE CARDIOVASCULAR E DO EQUILˆ BRIO HIDROELETROLˆ TICO. *Medicina*, **2006**, 39, 21	0.1	
42	O ˆ XIDO NˆTRICO (NO) NO CONTROLE NEURAL DA PRESSˆ O ARTERIAL: MODULAˆ O DA TRANSMISSˆ O GLUTAMATˆ RGICA NO NTS. *Medicina*, **2006**, 39, 51	0.1	
41	Inhibition of the neuronal nitric oxide synthase (nNOS) reduces cardiovascular responses elicited by acetylcholine (Ach) microinjection within the Nucleus of the Solitary Tract (NTS) of conscious rats. *FASEB Journal*, **2006**, 20, A363	0.9	
40	Peripheral chemoreceptor inputs to retrotrapezoid nucleus (RTN) chemoreceptor neurons. *FASEB Journal*, **2006**, 20, A788	0.9	
39	Central chemoreceptors and sympathetic vasomotor outflow. *FASEB Journal*, **2007**, 21, A469	0.9	
38	Does commissural NTS (cNTS) drive RVLM neurons for hemodynamic (Hd) control in intact rats?. *FASEB Journal*, **2007**, 21, A511	0.9	

37	Sodium intake and changes in c-fos expression in forebrain and hindbrain areas induced by baclofen into the lateral parabrachial nucleus. *FASEB Journal*, **2007**, 21, A509	0.9
36	Role of arterial baroreceptors on commissural NTS (cNTS) neurons involved in hemodynamic (Hd) control. *FASEB Journal*, **2007**, 21, A512	0.9
35	Interaction between serotoninergic and opioidergic mechanisms of the lateral parabrachial nucleus in the control of NaCl intake. *FASEB Journal*, **2007**, 21, A510	0.9
34	Pressor responses produced by peripheral osmoreceptor activation in commissural nucleus of the solitary tract-lesioned rats.. *FASEB Journal*, **2008**, 22, 738.2	0.9
33	Examination of the Role of the Commissural Nucleus of the Solitary Tract in the Maintenance of Hypertension in the SHR. *FASEB Journal*, **2018**, 32, 918.4	0.9
32	RESPIRATORY CHANGES IN OFFSPRING OF HIGH FAT DIET FED DAMS. *FASEB Journal*, **2018**, 32, 913.18	0.9
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