Eduardo Colombari

List of Publications by Year
in descending order

207 papers	3,323 citations	185998 28 h-index	214527 47 g-index
209 all docs	209 docs citations	209 times ranked	2741 citing authors

#	Article	IF	Citations
1	Peripheral chemoreceptor inputs to retrotrapezoid nucleus (RTN) CO2-sensitive neurons in rats. Journal of Physiology, 2006, 572, 503-523.	1.3	273
2	The nucleus of the solitary tract and the coordination of respiratory and sympathetic activities. Frontiers in Physiology, 2014, 5, 238.	1.3	161
3	Role of the Medulla Oblongata in Hypertension. Hypertension, 2001, 38, 549-554.	1.3	159
4	Central chemoreceptors and sympathetic vasomotor outflow. Journal of Physiology, 2006, 577, 369-386.	1.3	119
5	Role of Endogenous Carbon Monoxide in Central Regulation of Arterial Pressure. Hypertension, 1997, 30, 962-967.	1.3	75
6	Phox2bâ€expressing retrotrapezoid neurons and the integration of central and peripheral chemosensory control of breathing in conscious rats. Experimental Physiology, 2014, 99, 571-585.	0.9	70
7	Inhibitory input from slowly adapting lung stretch receptors to retrotrapezoid nucleus chemoreceptors. Journal of Physiology, 2007, 580, 285-300.	1.3	66
8	Transcription Factor CREB3L1 Regulates Vasopressin Gene Expression in the Rat Hypothalamus. Journal of Neuroscience, 2014, 34, 3810-3820.	1.7	66
9	Consequences of subchronic and chronic exposure to intermittent hypoxia and sleep deprivation on cardiovascular risk factors in rats. Respiratory Physiology and Neurobiology, 2007, 156, 250-258.	0.7	54
10	Involvement of the Central Nervous System in the Salivary Secretion Induced by Pilocarpine in Rats. Journal of Dental Research, 1993, 72, 1481-1484.	2.5	52
11	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-H262.	1.5	50
12	Leptin into the ventrolateral medulla facilitates chemorespiratory response in leptinâ€deficient (ob/ob) mice. Acta Physiologica, 2014, 211, 240-248.	1.8	48
13	The anteroventral third ventricle (AV3V) region is essential for pressor, dipsogenic and natriuretic responses to central carbachol. Neuroscience Letters, 1990, 113, 339-344.	1.0	46
14	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-R510.	0.9	44
15	Sympathetic overactivity occurs before hypertension in the twoâ€kidney, oneâ€clip model. Experimental Physiology, 2016, 101, 67-80.	0.9	43
16	Resistance training prevents the cardiovascular changes caused by high-fat diet. Life Sciences, 2016, 146, 154-162.	2.0	43
17	Iron Overload in Hypercholesterolemic Rats Affects Iron Homeostasis and Serum Lipids but Not Blood Pressure. Journal of Nutrition, 2003, 133, 15-20.	1.3	42
18	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.	1.3	42

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19	GABAergic Pump Cells of Solitary Tract Nucleus Innervate Retrotrapezoid Nucleus Chemoreceptors. Journal of Neurophysiology, 2007, 98, 374-381.	0.9	41
20	Does the sympathetic nervous system contribute to the pathophysiology of metabolic syndrome?. Frontiers in Physiology, 2015, 6, 234.	1.3	41
21	Central leptin replacement enhances chemorespiratory responses in leptin-deficient mice independent of changes in body weight. Pflugers Archiv European Journal of Physiology, 2012, 464, 145-153.	1.3	36
22	Cardiovascular responses to hydrogen peroxide into the nucleus tractus solitarius. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R462-R469.	0.9	35
23	Increased Expression of Angiotensin II Type 2 Receptors in the Solitaryâ€“Vagal Complex Blunts Renovascular Hypertension. Hypertension, 2014, 64, 777-783.	1.3	35
24	Maternal Protein Restriction Increases Respiratory and Sympathetic Activities and Sensitizes Peripheral Chemoreflex in Male Rat Offspring. Journal of Nutrition, 2015, 145, 907-914.	1.3	34
25	Lesions of the Commissural Nucleus of the Solitary Tract Reduce Arterial Pressure in Spontaneously Hypertensive Rats. Hypertension, 2001, 38, 560-564.	1.3	33
26	Antihypertensive effects of central ablations in spontaneously hypertensive rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1797-R1806.	0.9	31
27	Activation of 5-Hydroxytryptamine Type 3 Receptor-Expressing C-Fiber Vagal Afferents Inhibits Retrotrapezoid Nucleus Chemoreceptors in Rats. Journal of Neurophysiology, 2007, 98, 3627-3637.	0.9	30
28	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, 209-213.	1.1	29
29	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, 201-205.	1.5	28
30	AvaliaÃ§Ã£o da funÃ§Ã£o barorreflexa em ratos jovens espontaneamente hipertensos. Arquivos Brasileiros De Cardiologia, 2009, 92, 216-221.	0.3	28
31	Control of respiratory and cardiovascular functions by leptin. Life Sciences, 2015, 125, 25-31.	2.0	28
32	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-R507.	0.9	27
33	Role of carbon monoxide in l-glutamate-induced cardiovascular responses in nucleus tractus solitarius of conscious rats. Brain Research, 1999, 824, 147-152.	1.1	27
34	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-H240.	1.5	27
35	Hindbrain mineralocorticoid mechanisms on sodium appetite. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R252-R259.	0.9	27
36	Activation of the brain melanocortin system is required for leptinâ€induced modulation of chemorespiratory function. Acta Physiologica, 2015, 213, 893-901.	1.8	27

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37	Cardiovascular responses produced by central injection of hydrogen peroxide in conscious rats. Brain Research Bulletin, 2006, 71, 37-44.	1.4	26
38	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-R542.	0.9	26
39	Anti-Hypertensive Drugs Have Different Effects on Ventricular Hypertrophy Regression. Clinics, 2010, 65, 723-728.	0.6	24
40	Facilitation of breathing by leptin effects in the central nervous system. Journal of Physiology, 2016, 594, 1617-1625.	1.3	24
41	AV3V lesion suppresses the pressor, dipsogenic and natriuretic responses to cholinergic activation of the septal area in rats. Brain Research, 1992, 572, 172-175.	1.1	23
42	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-H1684.	1.5	23
43	Ablation of NK1 receptor bearing neurons in the nucleus of the solitary tract blunts cardiovascular reflexes in awake rats. Brain Research, 2006, 1119, 165-173.	1.1	23
44	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-H898.	1.5	22
45	Switching control of sympathetic activity from forebrain to hindbrain in chronic dehydration. Journal of Physiology, 2011, 589, 4457-4471.	1.3	22
46	Differential modulation of sympathetic and respiratory activities by cholinergic mechanisms in the nucleus of the solitary tract in rats. Experimental Physiology, 2014, 99, 743-758.	0.9	22
47	Afferent pathways in cardiovascular adjustments induced by volume expansion in anesthetized rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R884-R890.	0.9	21
48	Chemosensory control by commissural nucleus of the solitary tract in rats. Respiratory Physiology and Neurobiology, 2011, 179, 227-234.	0.7	21
49	Commissural NTS Lesions and Cardiovascular Responses in Aortic Baroreceptorâ€"Denervated Rats. Hypertension, 1999, 34, 739-743.	1.3	20
50	Central blockade of nitric oxide synthesis reduces moxonidine-induced hypotension. British Journal of Pharmacology, 2004, 142, 765-771.	2.7	20
51	Overexpression of AT2R in the solitary-vagal complex improves baroreflex in the spontaneously hypertensive rat. Neuropeptides, 2016, 60, 29-36.	0.9	20
52	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-R1425.	0.9	19
53	Control of breathing and blood pressure by parafacial neurons in conscious rats. Experimental Physiology, 2013, 98, 304-315.	0.9	19
54	Leptin: Master Regulator of Biological Functions that Affects Breathing. , 2020, 10, 1047-1083.		19

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55	Role of central Î±1- and Î±2-adrenoceptors on the dipsogenic and cardiovascular effect of angiotensin II. Pharmacology Biochemistry and Behavior, 1990, 36, 893-896.	1.3	18
56	Angiotensin II-derived reactive oxygen species underpinning the processing of the cardiovascular reflexes in the medulla oblongata. Neuroscience Bulletin, 2011, 27, 269-274.	1.5	18
57	Importance of the commissural nucleus of the solitary tract in renovascular hypertension. Hypertension Research, 2019, 42, 587-597.	1.5	18
58	Commissural nucleus of the solitary tract lesions reduce food intake and body weight gain in rats. Brain Research, 1996, 740, 102-108.	1.1	17
59	Effects of AV3V lesion on pilocarpine-induced pressor response and salivary gland vasodilation. Brain Research, 2005, 1055, 111-121.	1.1	17
60	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-R1781.	0.9	17
61	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.	1.5	17
62	Physiological and Transcriptomic Changes in the Hypothalamic-Neurohypophysial System after 24 h of Furosemide-Induced Sodium Depletion. Neuroendocrinology, 2021, 111, 70-86.	1.2	17
63	The carotid body detects circulating tumor necrosis factor-alpha to activate a sympathetic anti-inflammatory reflex. Brain, Behavior, and Immunity, 2022, 102, 370-386.	2.0	17
64	Denervation supersensitivity to glutamate in the nucleus tractus solitarii after removal of the nodose ganglion. Brain Research, 1995, 677, 110-116.	1.1	16
65	Central moxonidine on salivary gland blood flow and cardiovascular responses to pilocarpine. Brain Research, 2003, 987, 155-163.	1.1	16
66	Recovery of High Blood Pressure After Chronic Lesions of the Commissural NTS in SHR. Hypertension, 2003, 42, 713-718.	1.3	16
67	Exercise changes regional vascular control by commissural NTS in spontaneously hypertensive rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R291-R297.	0.9	16
68	Central antioxidant therapy inhibits parasympathetic baroreflex control in conscious rats. Neuroscience Letters, 2011, 489, 115-118.	1.0	16
69	Macrophage migration inhibitory factor in the nucleus of solitary tract decreases blood pressure in SHRs. Cardiovascular Research, 2013, 97, 153-160.	1.8	16
70	Generation of active expiration by serotoninergic mechanisms of the ventral medulla of rats. Journal of Applied Physiology, 2016, 121, 1135-1144.	1.2	16
71	Longâ€term facilitation of expiratory and sympathetic activities following acute intermittent hypoxia in rats. Acta Physiologica, 2016, 217, 254-266.	1.8	16
72	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.	1.0	16

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73	Macrophage Migration Inhibitory Factor in the Paraventricular Nucleus Plays a Major Role in the Sympathoexcitatory Response to Salt. Hypertension, 2010, 56, 956-963.	1.3	15
74	Bovine pericardium retail preserved in glutaraldehyde and used as a vascular patch. BMC Surgery, 2011, 11, 37.	0.6	15
75	Commissural nucleus of the solitary tract regulates the antihypertensive effects elicited by moxonidine. Neuroscience, 2013, 250, 80-91.	1.1	15
76	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
77	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.	1.5	15
78	Intra-strain variations of baroreflex sensitivity in young Wistar-Kyoto rats. Clinical and Investigative Medicine, 2009, 32, 251.	0.3	15
79	Cardiovascular mechanisms activated by microinjection of baclofen into NTS of conscious rats. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 284, H987-H993.	1.5	14
80	Importance of angiotensinergic mechanisms for the pressor response to l-glutamate into the rostral ventrolateral medulla. Brain Research, 2010, 1322, 72-80.	1.1	14
81	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.	1.2	14
82	Hemodynamic effects ofl-glutamate in NTS of conscious rats: a possible role of vascular nitrosyl factors. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 274, H1066-H1074.	1.5	13
83	Saphenofemoral arteriovenous fistula as hemodialysis access. BMC Surgery, 2010, 10, 28.	0.6	13
84	Inhibition of central angiotensin II-induced pressor responses by hydrogen peroxide. Neuroscience, 2010, 171, 524-530.	1.1	13
85	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.	1.1	13
86	Activation of Î¼ opioid receptors in the LPBN facilitates sodium intake in rats. Behavioural Brain Research, 2015, 288, 20-25.	1.2	12
87	Enhanced angiotensin II induced sodium appetite in renovascular hypertensive rats. Peptides, 2018, 101, 82-88.	1.2	12
88	Cardiovascular responses to microinjection of l-glutamate into the NTS in AV3V-lesioned rats. Brain Research, 2004, 1025, 106-112.	1.1	11
89	Central cholinergic blockade reduces the pressor response to l-glutamate into the rostral ventrolateral medullary pressor area. Brain Research, 2007, 1155, 100-107.	1.1	11
90	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.	1.2	11

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91	A1 Noradrenergic Neurons Lesions Reduce Natriuresis and Hypertensive Responses to Hypernatremia in Rats. PLoS ONE, 2013, 8, e73187.	1.1	11
92	Neuronal Circuits Involved in Osmotic Challenges. Physiological Research, 2017, 66, 411-423.	0.4	11
93	AV3V lesions reduce the pressor response to l-glutamate into the RVLM. Brain Research, 2006, 1086, 160-167.	1.1	10
94	Important GABAergic mechanism within the NTS and the control of sympathetic baroreflex in SHR. Autonomic Neuroscience: Basic and Clinical, 2011, 159, 62-70.	1.4	10
95	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
96	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, 1-9.	0.9	10
97	High-fat diet increases respiratory frequency and abdominal expiratory motor activity during hypercapnia. Respiratory Physiology and Neurobiology, 2018, 258, 32-39.	0.7	10
98	Involvement of central Î±1- and Î±2-adrenoceptors on cardiovascular responses to moxonidine. European Journal of Pharmacology, 2007, 563, 164-171.	1.7	9
99	Endogenous hydrogen peroxide in the hypothalamic paraventricular nucleus regulates sympathetic nerve activity responses to <scp>l</scp>-glutamate. Journal of Applied Physiology, 2012, 113, 1423-1431.	1.2	9
100	Involvement of the median preoptic nucleus in blood pressure control. Neuroscience Letters, 2014, 558, 91-96.	1.0	9
101	Hydrogen peroxide attenuates the dipsogenic, renal and pressor responses induced by cholinergic activation of the medial septal area. Neuroscience, 2015, 284, 611-621.	1.1	9
102	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.	1.1	9
103	Carotid bodies contribute to sympathoexcitation induced by acute salt overload. Experimental Physiology, 2019, 104, 15-27.	0.9	9
104	Cardiovascular effects of central clonidine in conscious rats after hypothalamic lesions. Journal of the Autonomic Nervous System, 1992, 40, 49-56.	1.9	8
105	Antihypertensive Responses Elicited by Central Moxonidine in Rats: Possible Role of Nitric Oxide. Journal of Cardiovascular Pharmacology, 2006, 47, 780-787.	0.8	8
106	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-R1336.	0.9	8
107	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
108	Importance of the central nucleus of the amygdala on sodium intake caused by deactivation of lateral parabrachial nucleus. Brain Research, 2015, 1625, 238-245.	1.1	8

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109	Cardiovascular and hidroelectrolytic changes in rats fed with high-fat diet. Behavioural Brain Research, 2019, 373, 112075.	1.2	8
110	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
111	Hemodynamic effects elicited by microinjection of glutamatergic agonists into NTS of conscious rats. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H1026-H1034.	1.5	7
112	Differentiated hemodynamic changes controlled by splanchnic nerve. Autonomic Neuroscience: Basic and Clinical, 2006, 126-127, 202-210.	1.4	7
113	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
114	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
115	Interaction of central angiotensin II and aldosterone on sodium intake and blood pressure. Brain Research, 2019, 1720, 146299.	1.1	7
116	Intracranial Pressure During the Development of Renovascular Hypertension. Hypertension, 2021, 77, 1311-1322.	1.3	7
117	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-R1266.	0.9	6
118	Commissural nucleus of the solitary tract is important for cardiovascular responses to caudal pressor area activation. Brain Research, 2007, 1161, 32-37.	1.1	6
119	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.	1.4	6
120	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, 255-258.	1.0	5
121	Role of the medial septal area on pilocarpine-induced salivary secretion and water intake. Brain Research, 2009, 1298, 145-152.	1.1	5
122	Activation of central Î±2-adrenoceptors mediates salivary gland vasoconstriction. Archives of Oral Biology, 2013, 58, 167-173.	0.8	5
123	Effects of acetylcholine and cholinergic antagonists on the activity of nucleus of the solitary tract neurons. Brain Research, 2017, 1659, 136-141.	1.1	5
124	Median preoptic nucleus excitatory neurotransmitters in the maintenance of hypertensive state. Brain Research Bulletin, 2018, 142, 207-215.	1.4	5
125	Centrally acting adrenomedullin in the longâ€term potentiation of sympathetic vasoconstrictor activity induced by intermittent hypoxia in rats. Experimental Physiology, 2019, 104, 1371-1383.	0.9	5
126	Endogenous hydrogen peroxide affects antidiuresis to cholinergic activation in the medial septal area. Neuroscience Letters, 2019, 694, 51-56.	1.0	5

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127	The variability of baroreflex sensitivity in juvenile, spontaneously hypertensive rats. Cardiovascular Journal of Africa, 2011, 22, 14-17.	0.2	5
128	Low-Noise Amplifier for Deep-Brain Stimulation (DBS). Electronics (Switzerland), 2022, 11, 939.	1.8	5
129	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, 137-145.	1.1	4
130	Cardiopulmonary reflex is attenuated in iron overload conscious rats. Nutritional Neuroscience, 2007, 10, 121-128.	1.5	4
131	Central mechanisms involved in pilocarpine-induced pressor response. Autonomic Neuroscience: Basic and Clinical, 2011, 164, 34-42.	1.4	4
132	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.	1.3	4
133	ANG II and Aldosterone Acting Centrally Participate in the Enhanced Sodium Intake in Water-Deprived Renovascular Hypertensive Rats. Frontiers in Pharmacology, 2021, 12, 679985.	1.6	4
134	InfluÃªncia do veÃculo na eficÃ¡cia da reposiÃ§Ã£o de potÃ¡ssio em ratos hipocalÃªmicos. Brazilian Journal of Cardiovascular Surgery, 2009, 24, 367-372.	0.2	4
135	The bradycardic and hypotensive responses to serotonin are reduced by activation of GABA A receptors in the nucleus tractus solitarius of awake rats. Brazilian Journal of Medical and Biological Research, 2005, 38, 1123-1131.	0.7	3
136	Commissural NTS lesions enhance the pressor response to central cholinergic and adrenergic activation. Neuroscience Letters, 2012, 521, 31-36.	1.0	3
137	Sodium intake combining cholinergic activation and noradrenaline into the lateral parabrachial nucleus. Neuroscience, 2015, 300, 229-237.	1.1	3
138	Rapid stimulation of sodium intake combining aldosterone into the 4th ventricle and the blockade of the lateral parabrachial nucleus. Neuroscience, 2017, 346, 94-101.	1.1	3
139	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
140	Catalase blockade reduces the pressor response to central cholinergic activation. Brain Research Bulletin, 2019, 153, 266-272.	1.4	3
141	Anti-hypertensive effect of hydrogen peroxide acting centrally. Hypertension Research, 2020, 43, 1192-1203.	1.5	3
142	Medullary Noradrenergic Neurons Mediate Hemodynamic Responses to Osmotic and Volume Challenges. Frontiers in Physiology, 2021, 12, 649535.	1.3	3
143	Vasopressinâ€dependent pressor responses induced by hypertonic saline load in rats with commissural NTS lesions. FASEB Journal, 2007, 21, A514.	0.2	3
144	ESPÃ‰CIES REATIVAS DE OXIGÃŠNIO NO CONTROLE NEUROVEGETATIVO DA PRESSÃƒO ARTERIAL. Medicina, 2006, 39, 77-88.	0.0	3

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145	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-S39.	0.9	2
146	Inhibition of the caudal pressor area reduces cardiorespiratory chemoreflex responses. Neuroscience, 2011, 177, 84-92.	1.1	2
147	Cardiovascular responses to injections of angiotensin II or carbachol into the rostral ventrolateral medulla in rats with AV3V lesions. Neuroscience Letters, 2013, 556, 32-36.	1.0	2
148	NTS AT1a receptor on long-term arterial pressure regulation: putative mechanism. Cardiovascular Research, 2013, 100, 173-174.	1.8	2
149	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
150	Hydrogen peroxide centrally attenuates hyperosmolarity-induced thirst and natriuresis. Neuroscience Letters, 2016, 610, 129-134.	1.0	2
151	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
152	Effects of leptin in the retrotrapezoid nucleus (RTN) on CO2â€sensitivity and respiration.. FASEB Journal, 2013, 27, 1137.12.	0.2	2
153	Effect of the gadolinium ion on body fluid regulation. Pharmacology Biochemistry and Behavior, 2003, 76, 275-283.	1.3	1
154	Central muscarinic and LPBN mechanisms on sodium intake. Brain Research Bulletin, 2019, 144, 14-20.	1.4	1
155	Electrocardiographic changes in the acute hyperkalaemia produced by intragastric KCl load in rats. Experimental Physiology, 2021, 106, 1263-1271.	0.9	1
156	Mesenchymal stromal cells-based therapy in a murine model of elastase-induced emphysema: Simvastatin as a potential adjuvant in cellular homing. Pulmonary Pharmacology and Therapeutics, 2021, 70, 102075.	1.1	1
157	Despite increasing aldosterone, elevated potassium is not necessary for activating aldosteroneâ€sensitive HSD2 neurons or sodium appetite. Physiological Reports, 2021, 9, e14714.	0.7	1
158	A2 noradrenergic neurons inhibit osmoreceptorâ€induced pressor responses.. FASEB Journal, 2008, 22, .	0.2	1
159	Role of central angiotensinergic mechanisms on the facilitation of the recovery of hemorrhageâ€induced hypotension by noradrenergic A2â€lesions. FASEB Journal, 2010, 24, 794.8.	0.2	1
160	IMPORTÃ,NCIA DA REGIÃƒO ANTEROVENTRAL DO TERCEIRO VENTRÃCULO (AV3V) NO CONTROLE CARDIOVASCULAR E DO EQUILÃBRIO HIDROELETROLÃTICO. Medicina, 2006, 39, 21.	0.0	0
161	O Ã“XIDO NÃTRICO (NO) NO CONTROLE NEURAL DA PRESSÃƒO ARTERIAL: MODULAÃ‡ÃƒO DA TRANSMISSÃƒO GLUTAMATÃ‰RGICA NO NTS. Medicina, 2006, 39, 51-64.	0.0	0
162	Mecanismos neurais da aldosterona no controle cardiovascular e do equilÃbrio hidroeletrolÃtico. Arquivos Brasileiros De CiÃªncias Da SaÃºde, 2008, 33, .	0.1	0

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163	Is carotid body input the only critical mechanism involved in hypertension in spontaneously hypertensive rat?. Journal of Physiology, 2013, 591, 745-746.	1.3	0
164	Centrally acting antihypertensives change the psychogenic cardiovascular reactivity. Fundamental and Clinical Pharmacology, 2021, 35, 892-905.	1.0	0
165	CENTRAL HYPOTENSIVE ACTIONS OF MOXONIDINE REQUIRES NITRIC OXIDE RELEASE. Journal of Hypertension, 2004, 22, S170.	0.3	0
166	ENHANCED HYPOTENSIVE EFFECTS OF MOXONIDINE IN DOCA/SALT HYPERTENSIVE RATS. Journal of Hypertension, 2004, 22, S19.	0.3	0
167	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.	0.2	0
168	Peripheral chemoreceptor inputs to retrotrapezoid nucleus (RTN) chemoreceptor neurons. FASEB Journal, 2006, 20, A788.	0.2	0
169	Central chemoreceptors and sympathetic vasomotor outflow. FASEB Journal, 2007, 21, A469.	0.2	0
170	Does commissural NTS (cNTS) drive RVLM neurons for hemodynamic (Hd) control in intact rats?. FASEB Journal, 2007, 21, A511.	0.2	0
171	Sodium intake and changes in câ€fos expression in forebrain and hindbrain areas induced by baclofen into the lateral parabrachial nucleus. FASEB Journal, 2007, 21, A509.	0.2	0
172	Role of arterial baroreceptors on commissural NTS (cNTS) neurons involved in hemodynamic (Hd) control. FASEB Journal, 2007, 21, A512.	0.2	0
173	Interaction between serotoninergic and opioidergic mechanisms of the lateral parabrachial nucleus in the control of NaCl intake. FASEB Journal, 2007, 21, A510.	0.2	0
174	Pressor responses produced by peripheral osmoreceptor activation in commissural nucleus of the solitary tractâ€lesioned rats.. FASEB Journal, 2008, 22, 738.2.	0.2	0
175	Hypotensive action of adrenomedullin (ADM) receptor blockade in the rostral ventrolateral medulla of spontaneously hypertensive rats. FASEB Journal, 2009, 23, 1008.9.	0.2	0
176	Role of GABAergic receptors within the nucleus of the solitary tract in spontaneously hypertensive rats. FASEB Journal, 2009, 23, 959.8.	0.2	0
177	Inhibition of neuronal nitric oxide synthase (nNOS) reduces cardiovascular responses elicited by microinjection of cholinergic agonists in the Nucleus of the Solitary Tract (NTS) in nonâ€anesthetized rats. FASEB Journal, 2009, 23, 956.1.	0.2	0
178	Dehydration switches emphasis from hypothalamus to medulla oblongata for maintenance of sympathetic nerve activity (SNA). FASEB Journal, 2009, 23, 959.7.	0.2	0
179	Hyperosmotic evoked sympathoexcitation is blocked by overexpression of macrophage inhibitory migration factor (MIF) in the paraventricular nucleus of hypothalamus (PVN). FASEB Journal, 2009, 23, 792.11.	0.2	0
180	Effects of bilateral inhibition of retrotrapezoid nucleus on breathing in conscious rats. FASEB Journal, 2010, 24, 1026.9.	0.2	0

#	Article	IF	Citations
181	Elevated sympathetic activity precedes the arterial hypertension in the Goldblatt model. FASEB Journal, 2010, 24, 982.4.	0.2	0
182	Central mineralocorticoid receptor blockade reduces sodium appetite in rats: new evidence for an old effect. FASEB Journal, 2010, 24, 1025.13.	0.2	0
183	Preâ€treatment with hydrogen peroxide affects water intake and antiâ€diuresis to cholinergic activation of the medial septal area. FASEB Journal, 2011, 25, 1079.21.	0.2	0
184	Central mechanisms activated by leptin to modify hypercapniaâ€induced ventilatory responses. FASEB Journal, 2012, 26, 702.16.	0.2	0
185	Control of sympathetic and phrenic nerve activity by cholinergic mechanisms in the nucleus of the solitary tract (NTS). FASEB Journal, 2012, 26, 702.11.	0.2	0
186	Angiotensin type 2 receptors (AT2R) over expression in the nucleus of the solitary tract (NTS) attenuate renovascular hypertension. FASEB Journal, 2012, 26, 1091.15.	0.2	0
187	Macrophage inhibitory factor (MIF) in the nucleus of tract solitary (NTS) improves baroreflex function in spontaneously hypertensive rats (SHR). FASEB Journal, 2012, 26, .	0.2	0
188	Increased expression of AT2 receptors in the nucleus of the solitary tract improves baroreflex function in renovascular hypertensive rats.. FASEB Journal, 2013, 27, 927.10.	0.2	0
189	MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF) DECREASES NEUROINFLAMMATION IN THE SOLITARY TRACT NUCLEUS (NTS) OF SPONTANEOUSLY HYPERTENSIVE RATS (SHR).. FASEB Journal, 2013, 27, 1118.2.	0.2	0
190	Effects of acetylcholine and cholinergic antagonists on the activity of nucleus of the solitary tract (NTS) neurons. FASEB Journal, 2013, 27, 1149.22.	0.2	0
191	Vasopressin infusion increases intravesical pressure in Wistar rats.. FASEB Journal, 2013, 27, 1116.4.	0.2	0
192	Arterial pressure and gene expression in the nucleus of the solitary tract in rats fed with highâ€fat diet (874.4). FASEB Journal, 2014, 28, .	0.2	0
193	Losartan Injected into the Nucleus of the Solitary Tract Blunts Pressor Mechanisms Activated by Highâ€Fat Diet. FASEB Journal, 2015, 29, 984.9.	0.2	0
194	Sympathetic and respiratory activities during increases in osmolarity in an in situ rat preparation.. FASEB Journal, 2015, 29, 658.4.	0.2	0
195	ARTERIAL CHEMOREFLEX FUNCTION IN RENOVASCULAR HYPERTENSIVE RATS. FASEB Journal, 2015, 29, 653.3.	0.2	0
196	Serotoninergic Antagonism in the Retrotrapezoid Nucleus Prevents the Expiratory Longâ€Term Facilitation Induced by Acute Intermittent Hypoxia. FASEB Journal, 2015, 29, 1032.11.	0.2	0
197	OFFSPRING OF OBESE DAMS PRESENT CHANGES IN RESPIRATORY AND SYMPATHETIC ACTIVITIES. FASEB Journal, 2018, 32, .	0.2	0
198	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.	0.2	0

#	Article	IF	Citations
199	RESPIRATORY CHANGES IN OFFSPRING OF HIGH FAT DIET FED DAMS. FASEB Journal, 2018, 32, 913.18.	0.2	0
200	GABAergic Contribution to the Muscle Mechanoreflexâ€Mediated Heart Rate Responses at the Onset of Exercise in Humans. FASEB Journal, 2018, 32, 891.7.	0.2	0
201	Involvement of Phox2B Neurons Located in the Commissural NTs with the Maintenance of Hypertension in SH Rats. FASEB Journal, 2019, 33, 742.5.	0.2	0
202	Excitatory Inputs from Carotid Bodies Drive Respiratory Changes in Renovascular Hypertensive Rats. FASEB Journal, 2019, 33, 560.3.	0.2	0
203	ACUTE EFFECT OF ALDOSTERONE ON THE MEMBRANE POTENTIAL IN NEURONS OF THE NUCLEUS OF THE SOLITARY TRACT. FASEB Journal, 2019, 33, 851.3.	0.2	0
204	POTASSIUM INDUCED POLYURIA IN RATS: IS THE ALDOSTERONE PARADOX UP TO DATE?. FASEB Journal, 2019, 33, 840.4.	0.2	0
205	Water deprivation enhances the hypercapnic ventilatory response in rats. FASEB Journal, 2019, 33, 560.5.	0.2	0
206	Water Deprivation Enhances the Late Expiratory Activity of Abdominal Nerve During Hypercapnia and Hypoxia in Rats. FASEB Journal, 2020, 34, 1-1.	0.2	0
207	Editorial: Integrative Physiology: Systemic Hypertension and Respiratory-Sympathetic Coupling. Frontiers in Physiology, 2022, 13, 841001.	1.3	0