

# DÃ©bora Colombari

## List of Publications by Year in descending order

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114  
papers

1,611  
citations

304743

22  
h-index

377865

34  
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116  
all docs

116  
docs citations

116  
times ranked

1498  
citing authors

#	ARTICLE	IF	CITATIONS
1	The carotid body detects circulating tumor necrosis factor-alpha to activate a sympathetic anti-inflammatory reflex. <i>Brain, Behavior, and Immunity</i> , 2022, 102, 370-386.	4.1	17
2	Physiological and Transcriptomic Changes in the Hypothalamic-Neurohypophysial System after 24 h of Furosemide-Induced Sodium Depletion. <i>Neuroendocrinology</i> , 2021, 111, 70-86.	2.5	17
3	Lesion of Serotonergic Afferents to the Retrotrapezoid Nucleus Impairs the Tachypneic Response to Hypercapnia in Unanesthetized Animals. <i>Neuroscience</i> , 2021, 452, 63-77.	2.3	4
4	Electrocardiographic changes in the acute hyperkalaemia produced by intragastric KCl load in rats. <i>Experimental Physiology</i> , 2021, 106, 1263-1271.	2.0	1
5	Intracranial Pressure During the Development of Renovascular Hypertension. <i>Hypertension</i> , 2021, 77, 1311-1322.	2.7	7
6	ANG II and Aldosterone Acting Centrally Participate in the Enhanced Sodium Intake in Water-Deprived Renovascular Hypertensive Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 679985.	3.5	4
7	Optogenetic stimulation of Dbx1 neurons enhances the respiratory-sympathetic coupling in <i>in vivo</i> CIH mice. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
8	Modulation of hypercapnic respiratory response by cholinergic transmission in the commissural nucleus of the solitary tract. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 49-60.	2.8	4
9	Leptin: Master Regulator of Biological Functions that Affects Breathing. , 2020, 10, 1047-1083.		19
10	Anti-hypertensive effect of hydrogen peroxide acting centrally. <i>Hypertension Research</i> , 2020, 43, 1192-1203.	2.7	3
11	Renovascular hypertension elevates pulmonary ventilation in rats by carotid body-dependent mechanisms. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R730-R742.	1.8	8
12	Optogenetic stimulation of Dbx1 neurons promote increase in sympathetic activity in vivo. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
13	Water Deprivation Enhances the Late Expiratory Activity of Abdominal Nerve During Hypercapnia and Hypoxia in Rats. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
14	The Ventilatory Response to Hypercapnia <i>in vivo</i> Requires Serotonergic Afferents to the Retrotrapezoid Nucleus. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
15	Cardiovascular and hidroelectrolytic changes in rats fed with high-fat diet. <i>Behavioural Brain Research</i> , 2019, 373, 112075.	2.2	8
16	Centrally acting adrenomedullin in the long-term potentiation of sympathetic vasoconstrictor activity induced by intermittent hypoxia in rats. <i>Experimental Physiology</i> , 2019, 104, 1371-1383.	2.0	5
17	Catalase blockade reduces the pressor response to central cholinergic activation. <i>Brain Research Bulletin</i> , 2019, 153, 266-272.	3.0	3
18	Central muscarinic and LPBN mechanisms on sodium intake. <i>Brain Research Bulletin</i> , 2019, 144, 14-20.	3.0	1

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19	Endogenous hydrogen peroxide affects antidiuresis to cholinergic activation in the medial septal area. <i>Neuroscience Letters</i> , 2019, 694, 51-56.	2.1	5
20	Importance of the commissural nucleus of the solitary tract in renovascular hypertension. <i>Hypertension Research</i> , 2019, 42, 587-597.	2.7	18
21	Importance of AT1 and AT2 receptors in the nucleus of the solitary tract in cardiovascular responses induced by a high-fat diet. <i>Hypertension Research</i> , 2019, 42, 439-449.	2.7	15
22	Carotid bodies contribute to sympathoexcitation induced by acute salt overload. <i>Experimental Physiology</i> , 2019, 104, 15-27.	2.0	9
23	Excitatory Inputs from Carotid Bodies Drive Respiratory Changes in Renovascular Hypertensive Rats. <i>FASEB Journal</i> , 2019, 33, 560.3.	0.5	0
24	ACUTE EFFECT OF ALDOSTERONE ON THE MEMBRANE POTENTIAL IN NEURONS OF THE NUCLEUS OF THE SOLITARY TRACT. <i>FASEB Journal</i> , 2019, 33, 851.3.	0.5	0
25	Water deprivation enhances the hypercapnic ventilatory response in rats. <i>FASEB Journal</i> , 2019, 33, 560.5.	0.5	0
26	Opioid and $\hat{1}\pm 2$ adrenergic mechanisms are activated by GABA agonists in the lateral parabrachial nucleus to induce sodium intake. <i>Brain Research Bulletin</i> , 2018, 139, 174-181.	3.0	2
27	Enhanced angiotensin II induced sodium appetite in renovascular hypertensive rats. <i>Peptides</i> , 2018, 101, 82-88.	2.4	12
28	High-fat diet increases respiratory frequency and abdominal expiratory motor activity during hypercapnia. <i>Respiratory Physiology and Neurobiology</i> , 2018, 258, 32-39.	1.6	10
29	OFFSPRING OF OBESE DAMS PRESENT CHANGES IN RESPIRATORY AND SYMPATHETIC ACTIVITIES. <i>FASEB Journal</i> , 2018, 32, .	0.5	0
30	Effects of acetylcholine and cholinergic antagonists on the activity of nucleus of the solitary tract neurons. <i>Brain Research</i> , 2017, 1659, 136-141.	2.2	5
31	The lateral parabrachial nucleus and central angiotensinergic mechanisms in the control of sodium intake induced by different stimuli. <i>Behavioural Brain Research</i> , 2017, 333, 17-26.	2.2	11
32	Increased Expression of Macrophage Migration Inhibitory Factor in the Nucleus of the Solitary Tract Attenuates Renovascular Hypertension in Rats. <i>American Journal of Hypertension</i> , 2017, 30, 435-443.	2.0	16
33	Lateral parabrachial nucleus and opioid mechanisms of the central nucleus of the amygdala in the control of sodium intake. <i>Behavioural Brain Research</i> , 2017, 316, 11-17.	2.2	14
34	Facilitation of breathing by leptin effects in the central nervous system. <i>Journal of Physiology</i> , 2016, 594, 1617-1625.	2.9	24
35	Overexpression of AT2R in the solitary-vagal complex improves baroreflex in the spontaneously hypertensive rat. <i>Neuropeptides</i> , 2016, 60, 29-36.	2.2	20
36	Resistance training prevents the cardiovascular changes caused by high-fat diet. <i>Life Sciences</i> , 2016, 146, 154-162.	4.3	43

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37	Hydrogen peroxide centrally attenuates hyperosmolarity-induced thirst and natriuresis. <i>Neuroscience Letters</i> , 2016, 610, 129-134.	2.1	2
38	Involvement of sinoaortic afferents in renal sympathoinhibition and vasodilation induced by acute hypernatremia. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 1135-1141.	1.9	6
39	Catecholaminergic neurons in the commissural region of the nucleus of the solitary tract modulate hyperosmolarity-induced responses. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R1082-R1091.	1.8	11
40	Control of respiratory and cardiovascular functions by leptin. <i>Life Sciences</i> , 2015, 125, 25-31.	4.3	28
41	Sodium intake combining cholinergic activation and noradrenaline into the lateral parabrachial nucleus. <i>Neuroscience</i> , 2015, 300, 229-237.	2.3	3
42	Activation of $\mu$ opioid receptors in the LPBN facilitates sodium intake in rats. <i>Behavioural Brain Research</i> , 2015, 288, 20-25.	2.2	12
43	Maternal Protein Restriction Increases Respiratory and Sympathetic Activities and Sensitizes Peripheral Chemoreflex in Male Rat Offspring. <i>Journal of Nutrition</i> , 2015, 145, 907-914.	2.9	34
44	Activation of the brain melanocortin system is required for leptin-induced modulation of chemorespiratory function. <i>Acta Physiologica</i> , 2015, 213, 893-901.	3.8	27
45	Importance of the central nucleus of the amygdala on sodium intake caused by deactivation of lateral parabrachial nucleus. <i>Brain Research</i> , 2015, 1625, 238-245.	2.2	8
46	Gabaergic and opioid receptors mediate the facilitation of NaCl intake induced by $\beta$ -adrenergic activation in the lateral parabrachial nucleus. <i>Behavioural Brain Research</i> , 2015, 278, 535-541.	2.2	7
47	Hydrogen peroxide attenuates the dipsogenic, renal and pressor responses induced by cholinergic activation of the medial septal area. <i>Neuroscience</i> , 2015, 284, 611-621.	2.3	9
48	Losartan Injected into the Nucleus of the Solitary Tract Blunts Pressor Mechanisms Activated by High-Fat Diet. <i>FASEB Journal</i> , 2015, 29, 984.9.	0.5	0
49	Sympathetic and respiratory activities during increases in osmolarity in an in situ rat preparation.. <i>FASEB Journal</i> , 2015, 29, 658.4.	0.5	0
50	ARTERIAL CHEMOREFLEX FUNCTION IN RENOVASCULAR HYPERTENSIVE RATS. <i>FASEB Journal</i> , 2015, 29, 653.3.	0.5	0
51	Leptin into the ventrolateral medulla facilitates chemorespiratory response in leptin-deficient (ob/ob) mice. <i>Acta Physiologica</i> , 2014, 211, 240-248.	3.8	48
52	The nucleus of the solitary tract and the coordination of respiratory and sympathetic activities. <i>Frontiers in Physiology</i> , 2014, 5, 238.	2.8	161
53	Transcription Factor CREB3L1 Regulates Vasopressin Gene Expression in the Rat Hypothalamus. <i>Journal of Neuroscience</i> , 2014, 34, 3810-3820.	3.6	66
54	Differential modulation of sympathetic and respiratory activities by cholinergic mechanisms in the nucleus of the solitary tract in rats. <i>Experimental Physiology</i> , 2014, 99, 743-758.	2.0	22

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55	Increased Expression of Angiotensin II Type 2 Receptors in the Solitary Vagal Complex Blunts Renovascular Hypertension. <i>Hypertension</i> , 2014, 64, 777-783.	2.7	35
56	Angiotensinergic and cholinergic receptors of the subfornical organ mediate sodium intake induced by GABAergic activation of the lateral parabrachial nucleus. <i>Neuroscience</i> , 2014, 262, 1-8.	2.3	13
57	Arterial pressure and gene expression in the nucleus of the solitary tract in rats fed with high fat diet (874.4). <i>FASEB Journal</i> , 2014, 28, .	0.5	0
58	Involvement of central cholinergic mechanisms on sodium intake induced by gabaergic activation of the lateral parabrachial nucleus. <i>Neuroscience Letters</i> , 2013, 534, 188-192.	2.1	9
59	Macrophage migration inhibitory factor in the nucleus of solitary tract decreases blood pressure in SHR. <i>Cardiovascular Research</i> , 2013, 97, 153-160.	3.8	16
60	Facilitation of sodium intake by combining noradrenaline into the lateral parabrachial nucleus with prazosin peripherally. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 111, 111-119.	2.9	1
61	Cardiovascular responses to injections of angiotensin II or carbachol into the rostral ventrolateral medulla in rats with AV3V lesions. <i>Neuroscience Letters</i> , 2013, 556, 32-36.	2.1	2
62	Lesion of the commissural nucleus of the solitary tract/A2 noradrenergic neurons facilitates the activation of angiotensinergic mechanisms in response to hemorrhage. <i>Neuroscience</i> , 2013, 254, 196-204.	2.3	3
63	NTS AT1a receptor on long-term arterial pressure regulation: putative mechanism. <i>Cardiovascular Research</i> , 2013, 100, 173-174.	3.8	2
64	Inhibitory mechanism of the nucleus of the solitary tract involved in the control of cardiovascular, dipsogenic, hormonal, and renal responses to hyperosmolality. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R531-R542.	1.8	26
65	Increased expression of AT2 receptors in the nucleus of the solitary tract improves baroreflex function in renovascular hypertensive rats.. <i>FASEB Journal</i> , 2013, 27, 927.10.	0.5	0
66	MACROPHAGE MIGRATION INHIBITORY FACTOR (MIF) DECREASES NEUROINFLAMMATION IN THE SOLITARY TRACT NUCLEUS (NTS) OF SPONTANEOUSLY HYPERTENSIVE RATS (SHR).. <i>FASEB Journal</i> , 2013, 27, 1118.2.	0.5	0
67	Commissural NTS lesions enhance the pressor response to central cholinergic and adrenergic activation. <i>Neuroscience Letters</i> , 2012, 521, 31-36.	2.1	3
68	A2 Noradrenergic Lesions Prevent Renal Sympathoinhibition Induced by Hypernatremia in Rats. <i>PLoS ONE</i> , 2012, 7, e37587.	2.5	18
69	Control of sympathetic and phrenic nerve activity by cholinergic mechanisms in the nucleus of the solitary tract (NTS). <i>FASEB Journal</i> , 2012, 26, 702.11.	0.5	0
70	Angiotensin type 2 receptors (AT2R) over expression in the nucleus of the solitary tract (NTS) attenuate renovascular hypertension. <i>FASEB Journal</i> , 2012, 26, 1091.15.	0.5	0
71	Macrophage inhibitory factor (MIF) in the nucleus of tract solitary (NTS) improves baroreflex function in spontaneously hypertensive rats (SHR). <i>FASEB Journal</i> , 2012, 26, .	0.5	0
72	Central cholinergic or angiotensinergic activation facilitates the pressor responses to glutamate injected into the RVLM. <i>FASEB Journal</i> , 2012, 26, 1091.73.	0.5	0

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73	Central mechanisms involved in pilocarpine-induced pressor response. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 164, 34-42.	2.8	4
74	Baclofen into the lateral parabrachial nucleus induces hypertonic sodium chloride and sucrose intake in rats. <i>Neuroscience</i> , 2011, 183, 160-170.	2.3	22
75	Importance of central AT1 receptors for sodium intake induced by GABAergic activation of the lateral parabrachial nucleus. <i>Neuroscience</i> , 2011, 196, 147-152.	2.3	13
76	Switching control of sympathetic activity from forebrain to hindbrain in chronic dehydration. <i>Journal of Physiology</i> , 2011, 589, 4457-4471.	2.9	22
77	Hypothalamic disconnection caudal to paraventricular nucleus affects cardiovascular and drinking responses to central angiotensin II and carbachol. <i>Brain Research</i> , 2011, 1388, 100-108.	2.2	5
78	Importance of angiotensinergic mechanisms for the pressor response to l-glutamate into the rostral ventrolateral medulla. <i>Brain Research</i> , 2010, 1322, 72-80.	2.2	14
79	Lesions in the central amygdala impair sodium intake induced by the blockade of the lateral parabrachial nucleus. <i>Brain Research</i> , 2010, 1332, 57-64.	2.2	24
80	Macrophage Migration Inhibitory Factor in the Paraventricular Nucleus Plays a Major Role in the Sympathoexcitatory Response to Salt. <i>Hypertension</i> , 2010, 56, 956-963.	2.7	15
81	Kidney-Induced Hypertension Depends on Superoxide Signaling in the Rostral Ventrolateral Medulla. <i>Hypertension</i> , 2010, 56, 290-296.	2.7	67
82	Inhibition of central angiotensin II-induced pressor responses by hydrogen peroxide. <i>Neuroscience</i> , 2010, 171, 524-530.	2.3	13
83	Role of central angiotensinergic mechanisms on the facilitation of the recovery of hemorrhage-induced hypotension by noradrenergic A2 lesions. <i>FASEB Journal</i> , 2010, 24, 794.8.	0.5	1
84	Chronic Superoxide Signaling in the Rostral Ventrolateral Medulla (RVLM) is Essential For Goldblatt Hypertension. <i>FASEB Journal</i> , 2010, 24, 809.3.	0.5	0
85	Cardiovascular responses to hydrogen peroxide into the nucleus tractus solitarius. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R462-R469.	1.8	35
86	Role of the medial septal area on pilocarpine-induced salivary secretion and water intake. <i>Brain Research</i> , 2009, 1298, 145-152.	2.2	5
87	Activation of $\beta_2$ -adrenoceptors in the lateral hypothalamus reduces pilocarpine-induced salivation in rats. <i>Neuroscience Letters</i> , 2009, 450, 225-228.	2.1	12
88	Adrenergic mechanisms of the K $\alpha$ lliker-Fuse/A7 area on the control of water and sodium intake. <i>Neuroscience</i> , 2009, 164, 370-379.	2.3	26
89	Hyperosmotic evoked sympathoexcitation is blocked by overexpression of macrophage inhibitory migration factor (MIF) in the paraventricular nucleus of hypothalamus (PVN). <i>FASEB Journal</i> , 2009, 23, 792.11.	0.5	0
90	Central muscarinic receptor subtypes involved in pilocarpine-induced salivation, hypertension and water intake. <i>British Journal of Pharmacology</i> , 2008, 155, 1256-1263.	5.4	21

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91	Sodium intake by hyperosmotic rats treated with a GABAA receptor agonist into the lateral parabrachial nucleus. <i>Brain Research</i> , 2008, 1190, 86-93.	2.2	9
92	Lesions of medullary catecholaminergic neurons increase salt intake in rats. <i>Brain Research Bulletin</i> , 2008, 76, 572-578.	3.0	13
93	A2 noradrenergic neurons inhibit osmoreceptor-induced pressor responses.. <i>FASEB Journal</i> , 2008, 22, .	0.5	1
94	Pressor responses produced by peripheral osmoreceptor activation in commissural nucleus of the solitary tract-lesioned rats.. <i>FASEB Journal</i> , 2008, 22, 738.2.	0.5	0
95	Enhancement of meal-associated hypertonic NaCl intake by moxonidine into the lateral parabrachial nucleus. <i>Behavioural Brain Research</i> , 2007, 183, 156-160.	2.2	9
96	GABAergic mechanisms of the lateral parabrachial nucleus on sodium appetite. <i>Brain Research Bulletin</i> , 2007, 73, 238-247.	3.0	25
97	Lesions of the commissural subnucleus of the nucleus of the solitary tract increase isoproterenol-induced water intake. <i>Brazilian Journal of Medical and Biological Research</i> , 2007, 40, 1121-1127.	1.5	11
98	Central cholinergic blockade reduces the pressor response to l-glutamate into the rostral ventrolateral medullary pressor area. <i>Brain Research</i> , 2007, 1155, 100-107.	2.2	11
99	Vasopressin-dependent pressor responses induced by hypertonic saline load in rats with commissural NTS lesions. <i>FASEB Journal</i> , 2007, 21, A514.	0.5	3
100	Sodium intake and changes in c-fos expression in forebrain and hindbrain areas induced by baclofen into the lateral parabrachial nucleus. <i>FASEB Journal</i> , 2007, 21, A509.	0.5	0
101	Interaction between serotonergic and opioidergic mechanisms of the lateral parabrachial nucleus in the control of NaCl intake. <i>FASEB Journal</i> , 2007, 21, A510.	0.5	0
102	EFFECTS OF ELECTROLYTIC LESIONS OR CHOLINERGIC BLOCKADE OF THE MEDIAL SEPTAL AREA ON THE SALIVARY SECRETION AND WATER INTAKE INDUCED BY PERIPHERAL PILOCARPINE. <i>FASEB Journal</i> , 2007, 21, A510.	0.5	0
103	Cardiovascular responses produced by central injection of hydrogen peroxide in conscious rats. <i>Brain Research Bulletin</i> , 2006, 71, 37-44.	3.0	26
104	Alpha2-adrenergic activation in the lateral parabrachial nucleus induces NaCl intake under conditions of systemic hyperosmolarity. <i>Neuroscience</i> , 2006, 142, 21-28.	2.3	27
105	Role of catecholaminergic neurones of the caudal ventrolateral medulla in cardiovascular responses induced by acute changes in circulating volume in rats. <i>Experimental Physiology</i> , 2006, 91, 995-1005.	2.0	23
106	Damage of the medial preoptic area impairs peripheral pilocarpine-induced salivary secretion. <i>Brain Research</i> , 2006, 1085, 144-148.	2.2	10
107	AV3V lesions reduce the pressor response to l-glutamate into the RVLM. <i>Brain Research</i> , 2006, 1086, 160-167.	2.2	10
108	GABAA receptor activation in the lateral parabrachial nucleus induces water and hypertonic NaCl intake. <i>Neuroscience</i> , 2005, 134, 725-735.	2.3	53

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109	Anteroventral third ventricle lesions impair cardiovascular responses to intravenous hypertonic saline infusion. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 117, 9-16.	2.8	27
110	Cardiovascular responses to microinjection of l-glutamate into the NTS in AV3V-lesioned rats. <i>Brain Research</i> , 2004, 1025, 106-112.	2.2	11
111	Haemodynamic effects of hypothalamic disconnection in anaesthetized rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 98, 51-54.	2.8	3
112	Afferent pathways in cardiovascular adjustments induced by volume expansion in anesthetized rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2000, 279, R884-R890.	1.8	21
113	Salt appetite: interaction of forebrain angiotensinergic and hindbrain serotonergic mechanisms. <i>Brain Research</i> , 1998, 801, 29-35.	2.2	60
114	Role of Endogenous Carbon Monoxide in Central Regulation of Arterial Pressure. <i>Hypertension</i> , 1997, 30, 962-967.	2.7	75