Ruth L Stornetta

List of Publications by Year
in descending order

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150	14,224	16411	22102
papers	citations	64 h-index	113 g-index

152	152	152	8146
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rostral ventrolateral medulla, retropontine region and autonomic regulations. Autonomic Neuroscience: Basic and Clinical, 2022, 237, 102922.	1.4	14
2	Adrenergic C1 neurons monitor arterial blood pressure and determine the sympathetic response to hemorrhage. Cell Reports, 2022, 38, 110480.	2.9	12
3	5â€HT7 receptors expressed in the mouse parafacial region are not required for respiratory chemosensitivity. Journal of Physiology, 2022, 600, 2789-2811.	1.3	5
4	Arcuate Angiotensin II Increases Arterial Pressure via Coordinated Increases in Sympathetic Nerve Activity and Vasopressin Secretion. ENeuro, 2022, 9, ENEURO.0404-21.2021.	0.9	6
5	The arcuate nucleus: A site of synergism between Angiotensin II and leptin to increase sympathetic nerve activity and blood pressure in rats. Neuroscience Letters, 2022, 785, 136773.	1.0	5
6	A brainstem peptide system activated at birth protects postnatal breathing. Nature, 2021, 589, 426-430.	13.7	31
7	Silent hypoxaemia in COVIDâ€19 patients. Journal of Physiology, 2021, 599, 1057-1065.	1.3	64
8	Vagus nerve stimulation activates two distinct neuroimmune circuits converging in the spleen to protect mice from kidney injury. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	55
9	The dynamic activity of C1 neurons determines the level of blood pressure during hemorrhage in freely behaving rats. FASEB Journal, 2021, 35, .	0.2	0
10	Differential Contribution of the Retrotrapezoid Nucleus and C1 Neurons to Active Expiration and Arousal in Rats. Journal of Neuroscience, 2020, 40, 8683-8697.	1.7	29
11	Neuronal Networks in Hypertension. Hypertension, 2020, 76, 300-311.	1.3	54
12	Contribution of the Retrotrapezoid Nucleus and Carotid Bodies to Hypercapnia- and Hypoxia-induced Arousal from Sleep. Journal of Neuroscience, 2019, 39, 9725-9737.	1.7	30
13	The Retrotrapezoid Nucleus: Central Chemoreceptor and Regulator of Breathing Automaticity. Trends in Neurosciences, 2019, 42, 807-824.	4.2	129
14	Non-canonical cholinergic anti-inflammatory pathway-mediated activation of peritoneal macrophages induces Hes1 and blocks ischemia/reperfusion injury in the kidney. Kidney International, 2019, 95, 563-576.	2.6	37
15	Sodium Is Detected by the OVLT to Regulate Sympathetic Tone. Neuron, 2019, 101, 3-5.	3.8	4
16	Breathing regulation and blood gas homeostasis after near complete lesions of the retrotrapezoid nucleus in adult rats. Journal of Physiology, 2018, 596, 2521-2545.	1.3	47
17	C1 neurons: a nodal point for stress?. Experimental Physiology, 2018, 103, 332-336.	0.9	28
18	Interdependent feedback regulation of breathing by the carotid bodies and the retrotrapezoid nucleus. Journal of Physiology, 2018, 596, 3029-3042.	1.3	40

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19	Rostral Ventrolateral Medulla and Hypertension. Hypertension, 2018, 72, 559-566.	1.3	53
20	Ablation of neuromedin B (NMB)â€expressing neurons located within retrotrapezoid nucleus (RTN) reduces the central respiratory chemoreflex (CRC) selectively in conscious rats. FASEB Journal, 2018, 32, 894.10.	0.2	0
21	Putative Mechanism of Salt-Dependent Neurogenic Hypertension. Hypertension, 2017, 69, 20-22.	1.3	8
22	Blood Pressure Regulation by the Rostral Ventrolateral Medulla in Conscious Rats: Effects of Hypoxia, Hypercapnia, Baroreceptor Denervation, and Anesthesia. Journal of Neuroscience, 2017, 37, 4565-4583.	1.7	57
23	C1 neurons mediate a stress-induced anti-inflammatory reflex in mice. Nature Neuroscience, 2017, 20, 700-707.	7.1	142
24	Neuromedin B Expression Defines the Mouse Retrotrapezoid Nucleus. Journal of Neuroscience, 2017, 37, 11744-11757.	1.7	61
25	Vagus nerve stimulation mediates protection from kidney ischemia-reperfusion injury through Î±7nAChR+ splenocytes. Journal of Clinical Investigation, 2016, 126, 1939-1952.	3.9	225
26	Proton detection and breathing regulation by the retrotrapezoid nucleus. Journal of Physiology, 2016, 594, 1529-1551.	1.3	73
27	Nalcn Is a "Leak" Sodium Channel That Regulates Excitability of Brainstem Chemosensory Neurons and Breathing. Journal of Neuroscience, 2016, 36, 8174-8187.	1.7	66
28	Is plasticity within the retrotrapezoid nucleus responsible for the recovery of the setâ€point after carotid body denervation in rats?. Journal of Physiology, 2016, 594, 3371-3390.	1.3	16
29	Sciatic nerve stimulation activates the retrotrapezoid nucleus in anesthetized rats. Journal of Neurophysiology, 2016, 116, 2081-2092.	0.9	16
30	Afferent and efferent connections of C1 cells with spinal cord or hypothalamic projections in mice. Brain Structure and Function, 2016, 221, 4027-4044.	1.2	36
31	Stateâ€dependent control of breathing by the retrotrapezoid nucleus. Journal of Physiology, 2015, 593, 2909-2926.	1.3	72
32	The retrotrapezoid nucleus stimulates breathing by releasing glutamate in adult conscious mice. European Journal of Neuroscience, 2015, 42, 2271-2282.	1.2	31
33	Central Autonomic System. , 2015, , 629-673.		54
34	Regulation of breathing by CO ₂ requires the proton-activated receptor GPR4 in retrotrapezoid nucleus neurons. Science, 2015, 348, 1255-1260.	6.0	190
35	Hypoxia Silences Retrotrapezoid Nucleus Respiratory Chemoreceptors via Alkalosis. Journal of Neuroscience, 2015, 35, 527-543.	1.7	60
36	The role of pH-sensitive TASK channels in central respiratory chemoreception. Pflugers Archiv European Journal of Physiology, 2015, 467, 917-929.	1.3	48

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37	Selective optogenetic stimulation of the retrotrapezoid nucleus in sleeping rats activates breathing without changing blood pressure or causing arousal or sighs. Journal of Applied Physiology, 2015, 118, 1491-1501.	1.2	29
38	Ca_V3.2 calcium channels control NMDA receptor-mediated transmission: a new mechanism for absence epilepsy. Genes and Development, 2015, 29, 1535-1551.	2.7	48
39	Neural Control of Breathing and CO2 Homeostasis. Neuron, 2015, 87, 946-961.	3.8	340
40	Regulation of Breathing and Autonomic Outflows by Chemoreceptors. , 2014, 4, 1511-1562.		248
41	The orexinergic neurons receive synaptic input from C1 cells in rats. Journal of Comparative Neurology, 2014, 522, 3834-3846.	0.9	39
42	Vesicular glutamate transporter 2 is required for the respiratory and parasympathetic activation produced by optogenetic stimulation of catecholaminergic neurons in the rostral ventrolateral medulla of mice in vivo. European Journal of Neuroscience, 2014, 39, 98-106.	1.2	35
43	Optogenetic Stimulation of Adrenergic C1 Neurons Causes Sleep Stateâ€“Dependent Cardiorespiratory Stimulation and Arousal with Sighs in Rats. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1301-1310.	2.5	77
44	Pharmacological rescue of Ras signaling, GluA1-dependent synaptic plasticity, and learning deficits in a fragile X model. Genes and Development, 2014, 28, 273-289.	2.7	47
45	Cholinergic neurons in the mouse rostral ventrolateral medulla target sensory afferent areas. Brain Structure and Function, 2013, 218, 455-475.	1.2	53
46	Chemoreception and asphyxia-induced arousal. Respiratory Physiology and Neurobiology, 2013, 188, 333-343.	0.7	36
47	The respiratory chemoreception conundrum: Light at the end of the tunnel?. Brain Research, 2013, 1511, 126-137.	1.1	26
48	The organization of two new cortical interneuronal circuits. Nature Neuroscience, 2013, 16, 210-218.	7.1	288
49	Phox2b-Expressing Retrotrapezoid Neurons Are Intrinsically Responsive to H⁺and CO₂. Journal of Neuroscience, 2013, 33, 7756-7761.	1.7	86
50	C1 neurons: the body's EMTs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R187-R204.	0.9	219
51	Optogenetic Stimulation of C1 and Retrotrapezoid Nucleus Neurons Causes Sleep Stateâ€“Dependent Cardiorespiratory Stimulation and Arousal in Rats. Hypertension, 2013, 61, 835-841.	1.3	53
52	TASK-2 Channels Contribute to pH Sensitivity of Retrotrapezoid Nucleus Chemoreceptor Neurons. Journal of Neuroscience, 2013, 33, 16033-16044.	1.7	98
53	Preâ€BÃ¶tzinger complex receives glutamatergic innervation from galaninergic and other retrotrapezoid nucleus neurons. Journal of Comparative Neurology, 2012, 520, 1047-1061.	0.9	86
54	The Retrotrapezoid Nucleus and Breathing. Advances in Experimental Medicine and Biology, 2012, 758, 115-122.	0.8	42

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55	Optogenetic stimulation of C1 neurons activates breathing in mice. FASEB Journal, 2012, 26, .	0.2	0
56	Ras and Rap Signaling in Synaptic Plasticity and Mental Disorders. Neuroscientist, 2011, 17, 54-78.	2.6	131
57	Regulation of visceral sympathetic tone by A5 noradrenergic neurons in rodents. Journal of Physiology, 2011, 589, 903-917.	1.3	41
58	Loss of brainstem serotonergic neurons impairs autoresuscitation in neonate rats: is this relevant to the sudden infant death syndrome?. Journal of Physiology, 2011, 589, 5343-5344.	1.3	3
59	Orexin A activates retrotrapezoid neurons in mice. Respiratory Physiology and Neurobiology, 2011, 175, 283-287.	0.7	52
60	C1 neurons excite locus coeruleus and A5 noradrenergic neurons along with the sympathetic outflow. FASEB Journal, 2011, 25, 1075.13.	0.2	1
61	Retrotrapezoid nucleus and parafacial respiratory group. Respiratory Physiology and Neurobiology, 2010, 173, 244-255.	0.7	85
62	Central respiratory chemoreception. Journal of Comparative Neurology, 2010, 518, 3883-3906.	0.9	199
63	Anesthetic Activation of Central Respiratory Chemoreceptor Neurons Involves Inhibition of a THIK-1-Like Background K+ Current. Journal of Neuroscience, 2010, 30, 9324-9334.	1.7	67
64	Photostimulation of Phox2b Medullary Neurons Activates Cardiorespiratory Function in Conscious Rats. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1184-1194.	2.5	80
65	Central CO₂ chemoreception and integrated neural mechanisms of cardiovascular and respiratory control. Journal of Applied Physiology, 2010, 108, 995-1002.	1.2	109
66	Photostimulation of channelrhodopsinâ€transfected rostral medullary Phox2bâ€expressing neurons activates breathing in unaesthetized rats. FASEB Journal, 2010, 24, 1026.10.	0.2	1
67	Retrotrapezoid nucleus, respiratory chemosensitivity and breathing automaticity. Respiratory Physiology and Neurobiology, 2009, 168, 59-68.	0.7	87
68	Galanin is a selective marker of the retrotrapezoid nucleus in rats. Journal of Comparative Neurology, 2009, 512, 373-383.	0.9	49
69	Location and properties of respiratory neurones with putative intrinsic bursting properties in the rat in situ. Journal of Physiology, 2009, 587, 3175-3188.	1.3	33
70	Activation of the retrotrapezoid nucleus by posterior hypothalamic stimulation. Journal of Physiology, 2009, 587, 5121-5138.	1.3	50
71	Photostimulation of channelrhodopsinâ€2 expressing ventrolateral medullary neurons increases sympathetic nerve activity and blood pressure in rats. Journal of Physiology, 2009, 587, 5613-5631.	1.3	101
72	Neurochemistry of bulbospinal presympathetic neurons of the medulla oblongata. Journal of Chemical Neuroanatomy, 2009, 38, 222-230.	1.0	57

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73	Acid sensitivity and ultrastructure of the retrotrapezoid nucleus in Phox2bâ€ŁEGFP transgenic mice. Journal of Comparative Neurology, 2009, 517, 69-86.	0.9	115
74	Retrotrapezoid nucleus and central chemoreception. Journal of Physiology, 2008, 586, 2043-2048.	1.3	131
75	Selective lesion of retrotrapezoid Phox2bâ€expressing neurons raises the apnoeic threshold in rats. Journal of Physiology, 2008, 586, 2975-2991.	1.3	119
76	The Retrotrapezoid Nucleus and Central Chemoreception. Tzu Chi Medical Journal, 2008, 20, 239-242.	0.4	1
77	Identification of neurotransmitters and co-localization of transmitters in brainstem respiratory neurons. Respiratory Physiology and Neurobiology, 2008, 164, 18-27.	0.7	34
78	The Retrotrapezoid Nucleus and Central Chemoreception. Advances in Experimental Medicine and Biology, 2008, 605, 327-332.	0.8	32
79	The 2008 Carl Ludwig Lecture: retrotrapezoid nucleus, CO₂ homeostasis, and breathing automaticity. Journal of Applied Physiology, 2008, 105, 404-416.	1.2	136
80	Serotonergic Neurons Activate Chemosensitive Retrotrapezoid Nucleus Neurons by a pH-Independent Mechanism. Journal of Neuroscience, 2007, 27, 14128-14138.	1.7	127
81	Transneuronal mapping of the CNS network controlling sympathetic outflow to the rat thymus. Autonomic Neuroscience: Basic and Clinical, 2007, 131, 9-20.	1.4	38
82	GABAergic Pump Cells of Solitary Tract Nucleus Innervate Retrotrapezoid Nucleus Chemoreceptors. Journal of Neurophysiology, 2007, 98, 374-381.	0.9	41
83	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
84	Central nervous system distribution of the transcription factor Phox2b in the adult rat. Journal of Comparative Neurology, 2007, 503, 627-641.	0.9	124
85	Inhibitory input from slowly adapting lung stretch receptors to retrotrapezoid nucleus chemoreceptors. Journal of Physiology, 2007, 580, 285-300.	1.3	66
86	Central chemoreceptors and sympathetic vasomotor outflow. FASEB Journal, 2007, 21, A469.	0.2	0
87	The sympathetic control of blood pressure. Nature Reviews Neuroscience, 2006, 7, 335-346.	4.9	1,535
88	Novel two-rhythm generator theory of breathing in mammals. Journal of Physiology, 2006, 570, 207-207.	1.3	12
89	Peripheral chemoreceptor inputs to retrotrapezoid nucleus (RTN) CO2-sensitive neurons in rats. Journal of Physiology, 2006, 572, 503-523.	1.3	273
90	Central chemoreceptors and sympathetic vasomotor outflow. Journal of Physiology, 2006, 577, 369-386.	1.3	119

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91	Water deprivation activates a glutamatergic projection from the hypothalamic paraventricular nucleus to the rostral ventrolateral medulla. Journal of Comparative Neurology, 2006, 494, 673-685.	0.9	117
92	Afferent and efferent connections of the rat retrotrapezoid nucleus. Journal of Comparative Neurology, 2006, 499, 64-89.	0.9	224
93	Expression of Phox2b by Brainstem Neurons Involved in Chemosensory Integration in the Adult Rat. Journal of Neuroscience, 2006, 26, 10305-10314.	1.7	311
94	Purinergic P2 Receptors Modulate Excitability But Do Not Mediate pH Sensitivity of RTN Respiratory Chemoreceptors. Journal of Neuroscience, 2006, 26, 7230-7233.	1.7	71
95	Nonradioactive In Situ Hybridization in Combination with Tract-Tracing. , 2006, , 237-262.		4
96	Re: Homing in on the specific phenotype(s) of central respiratory chemoreceptors. Experimental Physiology, 2005, 90, 266-268.	0.9	0
97	Coexpression of vesicular glutamate transporter-3 and Î³-aminobutyric acidergic markers in rat rostral medullary raphe and intermediolateral cell column. Journal of Comparative Neurology, 2005, 492, 477-494.	0.9	75
98	GABAergic Neurons in the Central Region of the Spinal Cord: A Novel Substrate for Sympathetic Inhibition. Journal of Neuroscience, 2005, 25, 1063-1070.	1.7	73
99	Re: Homing in on the specific phenotype(s) of central respiratory chemoreceptors. Experimental Physiology, 2005, 90, 266-268.	0.9	10
100	State-dependent Ras signaling and AMPA receptor trafficking. Genes and Development, 2005, 19, 2000-2015.	2.7	144
101	Cardiovascular Deficits After Lesions of C1 Adrenergic Neurons With a Saporin-Based Immunotoxin. , 2005, , 219-233.		0
102	Respiratory control by ventral surface chemoreceptor neurons in rats. Nature Neuroscience, 2004, 7, 1360-1369.	7.1	486
103	Glutamatergic neuronal projections from the marginal layer of the rostral ventral medulla to the respiratory centers in rats. Journal of Comparative Neurology, 2004, 473, 73-85.	0.9	56
104	GABAergic and glycinergic presympathetic neurons of rat medulla oblongata identified by retrograde transport of pseudorabies virus and in situ hybridization. Journal of Comparative Neurology, 2004, 479, 257-270.	0.9	68
105	Detection of amino acid and peptide transmitters in physiologically identified brainstem cardiorespiratory neurons. Autonomic Neuroscience: Basic and Clinical, 2004, 114, 1-10.	1.4	22
106	The Presympathetic Cells of the Rostral Ventrolateral Medulla (RVLM): Anatomy, Physiology and Role in the Control of Circulation. , 2004, , 187-218.		14
107	Inspiratory augmenting bulbospinal neurons express both glutamatergic and enkephalinergic phenotypes. Journal of Comparative Neurology, 2003, 455, 113-124.	0.9	73
108	A group of glutamatergic interneurons expressing high levels of both neurokinin-1 receptors and somatostatin identifies the region of the pre-BÃ¶tzinger complex. Journal of Comparative Neurology, 2003, 455, 499-512.	0.9	197

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109	Fos expression by glutamatergic neurons of the solitary tract nucleus after phenylephrine-induced hypertension in rats. Journal of Comparative Neurology, 2003, 460, 525-541.	0.9	79
110	Hypothalamic orexin (hypocretin) neurons express vesicular glutamate transporters VGLUT1 or VGLUT2. Journal of Comparative Neurology, 2003, 465, 593-603.	0.9	221
111	Cardiorespiratory neurons of the rat ventrolateral medulla contain TASK-1 and TASK-3 channel mRNA. Respiratory Physiology and Neurobiology, 2003, 138, 19-35.	0.7	45
112	Neurokinin-1 receptor-expressing cells regulate depressor region of rat ventrolateral medulla. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H2757-H2769.	1.5	12
113	Baro-Activated Neurons With Pulse-Modulated Activity in the Rat Caudal Ventrolateral Medulla Express GAD67 mRNA. Journal of Neurophysiology, 2003, 89, 1265-1277.	0.9	78
114	Neurokinin-1 Receptor-Expressing Cells of the Ventral Respiratory Group Are Functionally Heterogeneous and Predominantly Glutamatergic. Journal of Neuroscience, 2002, 22, 3806-3816.	1.7	122
115	Depressor and Tachypneic Responses to Chemical Stimulation of the Ventral Respiratory Group Are Reduced by Ablation of Neurokinin-1 Receptor-Expressing Neurons. Journal of Neuroscience, 2002, 22, 3755-3764.	1.7	79
116	Decompensated hemorrhage activates serotonergic neurons in the subependymal parapyramidal region of the rat medulla. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R688-R697.	0.9	29
117	Serotonergic Raphe Neurons Express TASK Channel Transcripts and a TASK-Like pH- and Halothane-Sensitive K⁺Conductance. Journal of Neuroscience, 2002, 22, 1256-1265.	1.7	144
118	Vesicular glutamate transporter DNPI/VGLUT2 mRNA is present in C1 and several other groups of brainstem catecholaminergic neurons. Journal of Comparative Neurology, 2002, 444, 191-206.	0.9	207
119	Vesicular glutamate transporter DNPI/VGLUT2 is expressed by both C1 adrenergic and nonaminergic presympathetic vasomotor neurons of the rat medulla. Journal of Comparative Neurology, 2002, 444, 207-220.	0.9	172
120	Opioid Signalling In The Rat Rostral Ventrolateral Medulla. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 238-242.	0.9	36
121	The Baroreflex And Beyond: Control Of Sympathetic Vasomotor Tone By Gabaergic Neurons In The Ventrolateral Medulla. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 514-521.	0.9	168
122	Pre-BÃ¶tzinger Neurons With Preinspiratory Discharges â€œIn Vivoâ€•Express NK1 Receptors in the Rat. Journal of Neurophysiology, 2001, 86, 438-446.	0.9	112
123	?-opioid receptors are present in functionally identified sympathoexcitatory neurons in the rat rostral ventrolateral medulla. Journal of Comparative Neurology, 2001, 433, 34-47.	0.9	37
124	Neurokinin-1 receptor-immunoreactive neurons of the ventral respiratory group in the rat. Journal of Comparative Neurology, 2001, 434, 128-146.	0.9	208
125	Preproenkephalin mRNA is expressed by C1 and non-C1 barosensitive bulbospinal neurons in the rostral ventrolateral medulla of the rat. Journal of Comparative Neurology, 2001, 435, 111-126.	0.9	75
126	Regulation of sympathetic tone and arterial pressure by rostral ventrolateral medulla after depletion of C1 cells in rat. Journal of Physiology, 2000, 529, 221-236.	1.3	127

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127	Sympathetic reflexes after depletion of bulbospinal catecholaminergic neurons with anti-DÎ²H-saporin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R729-R742.	0.9	85
128	Prototypical Imidazoline-1 Receptor Ligand Moxonidine Activates Alpha2-Adrenoceptors in Bulbospinal Neurons of the RVL. Journal of Neurophysiology, 2000, 83, 766-776.	0.9	17
129	Role of presympathetic C1 neurons in the sympatholytic and hypotensive effects of clonidine in rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R1753-R1762.	0.9	34
130	Neural structures that mediate sympathoexcitation during hypoxia. Respiration Physiology, 2000, 121, 147-162.	2.8	202
131	Î±2-Adrenoceptor-mediated presynaptic inhibition in bulbospinal neurons of rostral ventrolateral medulla. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1069-H1080.	1.5	19
132	Properties of C1 and other ventrolateral medullary neurones with hypothalamic projections in the rat. Journal of Physiology, 1999, 517, 477-494.	1.3	118
133	Distribution of glutamic acid decarboxylase mRNA-containing neurons in rat medulla projecting to thoracic spinal cord in relation to monoaminergic brainstem neurons. Journal of Comparative Neurology, 1999, 407, 367-380.	0.9	132
134	Evidence for glycinergic respiratory neurons: Bï¿½tzinger neurons express mRNA for glycinergic transporter 2. Journal of Comparative Neurology, 1999, 407, 583-597.	0.9	131
135	Location and electrophysiological characterization of rostral medullary adrenergic neurons that contain neuropeptide Y mRNA in rat medulla. , 1999, 415, 482-500.		93
136	Distribution of glutamic acid decarboxylase mRNA-containing neurons in rat medulla projecting to thoracic spinal cord in relation to monoaminergic brainstem neurons. , 1999, 407, 367.		1
137	Distribution of glutamic acid decarboxylase mRNA-containing neurons in rat medulla projecting to thoracic spinal cord in relation to monoaminergic brainstem neurons. Journal of Comparative Neurology, 1999, 407, 367-80.	0.9	52
138	Pre- and Postsynaptic Inhibitory Actions of Methionine-Enkephalin on Identified Bulbospinal Neurons of the Rat RVL. Journal of Neurophysiology, 1998, 80, 2003-2014.	0.9	55
139	Voltage-Dependent Calcium Currents in Bulbospinal Neurons of Neonatal Rat Rostral Ventrolateral Medulla: Modulation by Î±₂-Adrenergic Receptors. Journal of Neurophysiology, 1998, 79, 583-594.	0.9	40
140	Bulbospinal CI-IAdrenergic Neurons: Electrophysiological Properties in the Neonate Rat. Advances in Pharmacology, 1997, 42, 638-641.	1.2	5
141	Identification of C1 presympathetic neurons in rat rostral ventrolateral medulla by juxtacellular labeling in vivo. , 1997, 387, 524-536.		240
142	Mechanism of the Hypotensive Action of Anandamide in Anesthetized Rats. Hypertension, 1996, 28, 682-686.	1.3	132
143	Angiotensin II Decreases a Resting K + Conductance in Rat Bulbospinal Neurons of the C1 Area. Circulation Research, 1996, 78, 274-282.	2.0	74
144	Autonomic areas of rat brain exhibit increased Fos-like immunoreactivity during opiate withdrawal in rats. Brain Research, 1993, 624, 19-28.	1.1	122

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145	Ventrolateral medulla and sympathetic chemoreflex in the rat. Brain Research, 1993, 609, 174-184.	1.1	127
146	Anatomical substrates of cholinergic-autonomic regulation in the rat. Journal of Comparative Neurology, 1990, 292, 1-53.	0.9	199
147	Sympathoexcitatory neurons of rostral ventrolateral medulla exhibit pacemaker properties in the presence of a glutamate-receptor antagonist. Brain Research, 1988, 438, 23-40.	1.1	143
148	Afferent and efferent connections of the A5 noradrenergic cell group in the rat. Journal of Comparative Neurology, 1987, 261, 529-542.	0.9	243
149	Topographic organization of convergent projections to the thalamus from the inferior colliculus and spinal cord in the rat. Journal of Comparative Neurology, 1987, 264, 123-146.	0.9	336
150	Distribution of glutamic acid decarboxylase mRNA-containing neurons in rat medulla projecting to thoracic spinal cord in relation to monoaminergic brainstem neurons. , 0, .		1