Paul Martin Pilowsky

List of Publications by Year
in descending order

247	6,491	71097 41	114455 63
papers	citations	h-index	g-index

247	247	247	3368
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Baroreceptor reflex pathways and neurotransmitters: 10 years on. Journal of Hypertension, 2002, 20, 1675-1688.	0.5	252
2	Brainstem and bulbospinal neurotransmitter systems in the control of blood pressure. Journal of Hypertension, 1991, 9, 675-694.	0.5	236
3	Limitations of the technique of pressure microinjection of excitatory amino acids for evoking responses from localized regions of the CNS. Journal of Neuroscience Methods, 1988, 26, 169-179.	2.5	188
4	The tungstate-stabilized tetramethylbenzidine reaction for light and electron microscopic immunocytochemistry and for revealing biocytin-filled neurons. Journal of Neuroscience Methods, 1993, 46, 27-40.	2.5	151
5	An intracellular study of respiratory neurons in the rostral ventrolateral medulla of the rat and their relationship to catecholamine-containing neurons. Journal of Comparative Neurology, 1990, 301, 604-617.	1.6	124
6	Serotonin immunoreactive boutons make synapses with feline phrenic motoneurons. Journal of Neuroscience, 1990, 10, 1091-1098.	3.6	101
7	Glutamate-immunoreactive synapses on retrogradely-labelled sympathetic preganglionic neurons in rat thoracic spinal cord. Brain Research, 1992, 581, 67-80.	2.2	96
8	Glutamate in spinally projecting neurons of the rostral ventral medulla. Brain Research, 1991, 555, 326-331.	2.2	87
9	The pre-BÃ¶tzinger complex and phase-spanning neurons in the adult rat. Brain Research, 1998, 809, 204-213.	2.2	85
10	Spinal cord serotonin release and raised blood pressure after braintem kainic acid injection. Brain Research, 1986, 366, 354-357.	2.2	83
11	Differential expression of catecholamine biosynthetic enzymes in the rat ventrolateral medulla. Journal of Comparative Neurology, 2001, 432, 20-34.	1.6	83
12	Orexin A in rat rostral ventrolateral medulla is pressor, sympathoâ€excitatory, increases barosensitivity and attenuates the somatoâ€sympathetic reflex. British Journal of Pharmacology, 2012, 165, 2292-2303.	5.4	80
13	Serotonin immunoreactive boutons form close appositions with respiratory neurons of the dorsal respiratory group in the cat. Journal of Comparative Neurology, 1990, 295, 208-218.	1.6	78
14	Close appositions between Tyrosine hydroxylase immunoreactive boutons and respiratory neurons in the rat ventrolateral medulla. Journal of Comparative Neurology, 1994, 340, 1-10.	1.6	75
15	Central Command Regulation of Circulatory Function Mediated by Descending Pontine Cholinergic Inputs to Sympathoexcitatory Rostral Ventrolateral Medulla Neurons. Circulation Research, 2007, 100, 284-291.	4.5	74
16	Site-specific effects of apelin-13 in the rat medulla oblongata on arterial pressure and respiration. Autonomic Neuroscience: Basic and Clinical, 2002, 101, 32-38.	2.8	72
17	Differential Role of Kinases in Brain Stem of Hypertensive and Normotensive Rats. Hypertension, 2001, 38, 1087-1092.	2.7	71
18	UPREGULATION OF ANGIOTENSIN AT₁ RECEPTOR AND INTRACELLULAR KINASE GENE EXPRESSION IN HYPERTENSIVE RATS. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 690-695.	1.9	69

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19	Substance P immunoreactive boutons form synapses with feline sympathetic preganglionic neurons. Journal of Comparative Neurology, 1992, 320, 121-135.	1.6	67
20	Catecholamine-Related Gene Expression Correlates With Blood Pressures in SHR. Hypertension, 2002, 40, 342-347.	2.7	66
21	Intrathecal orexin A increases sympathetic outflow and respiratory drive, enhances baroreflex sensitivity and blocks the somatoâ€sympathetic reflex. British Journal of Pharmacology, 2011, 162, 961-973.	5.4	66
22	Altered c -fos in Rostral Medulla and Spinal Cord of Spontaneously Hypertensive Rats. Hypertension, 1996, 27, 433-441.	2.7	66
23	Cannabinoid receptor activation in the rostral ventrolateral medulla oblongata evokes cardiorespiratory effects in anaesthetised rats. British Journal of Pharmacology, 2003, 140, 384-394.	5.4	62
24	PACAP is expressed in sympathoexcitatory bulbospinal C1 neurons of the brain stem and increases sympathetic nerve activity in vivo. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1304-R1311.	1.8	62
25	Acute intermittent hypoxia in ratin vivoelicits a robust increase in tonic sympathetic nerve activity that is independent of respiratory drive. Journal of Physiology, 2010, 588, 3075-3088.	2.9	60
26	The One Hundred Percent Hypothesis: Glutamate Or Gaba in Synapses on Sympathetic Preganglionic Neurons. Clinical and Experimental Hypertension, 1995, 17, 323-333.	1.3	58
27	Activation of mu-opioid receptors in rat ventrolateral medulla selectively blocks baroreceptor reflexes while activation of delta opioid receptors blocks somato-sympathetic reflexes. Neuroscience, 2002, 109, 133-144.	2.3	58
28	Differential regulation of the central neural cardiorespiratory system by metabotropic neurotransmitters. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2537-2552.	4.0	56
29	N-METHYL-d-ASPARTATE RECEPTORS IN THE SPINAL CORD MEDIATE PRESSOR RESPONSES TO STIMULATION OF THE ROSTRAL VENTROLATERAL MEDULLA IN THE RAT. Clinical and Experimental Pharmacology and Physiology, 1988, 15, 147-155.	1.9	52
30	Bï¿½tzinger neurons project towards bulbospinal neurons in the rostral ventrolateral medulla of the rat. Journal of Comparative Neurology, 1997, 388, 23-31.	1.6	51
31	Mu opioid receptors in rat ventral medulla: effects of endomorphin-1 on phrenic nerve activity. Respiratory Physiology and Neurobiology, 2003, 138, 165-178.	1.6	51
32	The generation of pharyngeal phase of swallow and its coordination with breathing. Progress in Brain Research, 2014, 212, 253-275.	1.4	50
33	Galanin is a selective marker of the retrotrapezoid nucleus in rats. Journal of Comparative Neurology, 2009, 512, 373-383.	1.6	49
34	Somatostatin selectively ablates post-inspiratory activity after injection into the BÃ¶tzinger complex. Neuroscience, 2010, 167, 528-539.	2.3	49
35	c-fos identifies GABA-synthesizing barosensitive neurons in caudal ventrolateral medulla. NeuroReport, 1997, 8, 3015-3021.	1.2	48
36	Does substance P coexist with adrenaline in neurones of the rostral ventrolateral medulla in the rat?. Neuroscience Letters, 1986, 71, 293-298.	2.1	47

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37	Preprotachykinin A mRNA is colocalized with tyrosine hydroxylase-immunoreactivity in bulbospinal neurons. Neuroscience, 2005, 136, 205-216.	2.3	45
38	Renal sympathetic nerve responses to stimulation, inhibition and destruction of the ventrolateral medulla in the rabbit. Neuroscience Letters, 1985, 60, 51-55.	2.1	44
39	Evidence for a tonic GABA-ergic inhibition of excitatory respiratory-related afferents to presympathetic neurons in the rostral ventrolateral medulla. Brain Research, 2002, 924, 56-62.	2.2	42
40	CrossTalk opposing view: The preâ€BÃ¶tzinger complex is not essential for respiratory depression following systemic administration of opioid analgesics. Journal of Physiology, 2014, 592, 1163-1166.	2.9	42
41	GOOD VIBRATIONS? RESPIRATORY RHYTHMS IN THE CENTRAL CONTROL OF BLOOD PRESSURE. Clinical and Experimental Pharmacology and Physiology, 1995, 22, 594-604.	1.9	41
42	Somatostatin 2A Receptor-Expressing Presympathetic Neurons in the Rostral Ventrolateral Medulla Maintain Blood Pressure. Hypertension, 2008, 52, 1127-1133.	2.7	41
43	Retrograde Tracing with Cholera Toxin Bâ€“Gold or with Immunocytochemically Detected Cholera Toxin B in Central Nervous System. Methods in Neurosciences, 1992, , 180-201.	0.5	39
44	Tyrosine hydroxylase gene expression in ventrolateral medulla oblongata of WKY and SHR: a quantitative real-time polymerase chain reaction study. Autonomic Neuroscience: Basic and Clinical, 2002, 98, 79-84.	2.8	39
45	GABA-immunoreactive boutons make synapses with inspiratory neurons of the dorsal respiratory group. Brain Research, 1990, 529, 309-314.	2.2	37
46	?-opioid receptors are present in functionally identified sympathoexcitatory neurons in the rat rostral ventrolateral medulla. Journal of Comparative Neurology, 2001, 433, 34-47.	1.6	37
47	Monosynaptic Excitatory Connection from the Rostral Ventrolateral Medulla to Sympathetic Preganglionic Neurons Revealed by Simultaneous Recordings. Hypertension Research, 2008, 31, 1445-1454.	2.7	37
48	Inhibition of vasodepressor neurons in the caudal ventrolateral medulla of the rabbit increases both arterial pressure and the release of neuropeptide Y-like immunoreactivity from the spinal cord. Brain Research, 1987, 420, 380-384.	2.2	36
49	GABA- and glutamate-immunoreactive synapses on sympathetic preganglionic neurons projecting to the superior cervical ganglion. Journal of the Autonomic Nervous System, 1998, 71, 96-110.	1.9	36
50	Serotonin inputs to inspiratory laryngeal motoneurons in the rat. Journal of Comparative Neurology, 2002, 451, 91-98.	1.6	36
51	Disinhibition of the rostral ventral medulla increases blood pressure and Fos expression in bulbospinal neurons. Brain Research, 1994, 646, 44-52.	2.2	35
52	Calbindin-immunoreactive neurons in the reticular formation of the rat brainstem: Catecholamine content and spinal projections. Journal of Comparative Neurology, 2000, 424, 547-562.	1.6	35
53	PACAP causes PAC1/VPAC2 receptor mediated hypertension and sympathoexcitation in normal and hypertensive rats. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H910-H917.	3.2	35
54	Converting a Wireless Biotelemetry System to an Implantable System Through Antenna Redesign. IEEE Transactions on Microwave Theory and Techniques, 2014, 62, 1890-1897.	4.6	35

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55	Intracellular recording from sympathetic preganglionic neurons in cat lumbar spinal cord. Brain Research, 1994, 656, 319-328.	2.2	34
56	ANTISENSE OLIGONUCLEOTIDES: A NEW TOOL IN NEUROSCIENCE. Clinical and Experimental Pharmacology and Physiology, 1994, 21, 935-944.	1.9	34
57	Serotonin inputs to rabbit sympathetic preganglionic neurons projecting to the superior cervical ganglion or adrenal medulla. Journal of Comparative Neurology, 1995, 353, 427-438.	1.6	34
58	Rostral ventral medulla 5-HT_{1A}receptors selectively inhibit the somatosympathetic reflex. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1261-R1268.	1.8	34
59	Circulating angiotensin II attenuates the sympathetic baroreflex by reducing the barosensitivity of medullary cardiovascular neurones in the rat. Journal of Physiology, 2007, 582, 711-722.	2.9	34
60	Orexin and Central Regulation of Cardiorespiratory System. Vitamins and Hormones, 2012, 89, 159-184.	1.7	34
61	Sympathoexcitation following intermittent hypoxia in rat is mediated by circulating angiotensin II acting at the carotid body and subfornical organ. Journal of Physiology, 2018, 596, 3217-3232.	2.9	34
62	Sympathetic preganglionic neurons in rabbit spinal cord that project to the stellate or the superior cervical ganglion. Brain Research, 1992, 577, 181-188.	2.2	33
63	Hypotension and short-term anaesthesia induce ERK1/2 phosphorylation in autonomic nuclei of the brainstem. European Journal of Neuroscience, 2005, 22, 2257-2270.	2.6	32
64	A Novel Pressor Area at the Medullo-Cervical Junction That Is Not Dependent on the RVLM: Efferent Pathways and Chemical Mediators. Journal of Neuroscience, 2006, 26, 5420-5427.	3.6	32
65	Effects of baroreceptor activation on respiratory variability in rat. Respiratory Physiology and Neurobiology, 2009, 166, 80-86.	1.6	32
66	Central serotonergic mechanisms in cardiovascular regulation. Cardiovascular Drugs and Therapy, 1990, 4, 27-32.	2.6	31
67	Projections from inspiratory neurons of the ventral respiratory group to the subretroficial nucleus of the cat. Brain Research, 1994, 633, 63-71.	2.2	31
68	NK1 receptor activation in rat rostral ventrolateral medulla selectively attenuates somato-sympathetic reflex while antagonism attenuates sympathetic chemoreflex. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R1707-R1715.	1.8	31
69	Retrograde projections to a discrete apneic site in the midline medulla oblongata of the rat. Brain Research, 2008, 1208, 128-136.	2.2	31
70	Antagonism of PACAP or Microglia Function Worsens the Cardiovascular Consequences of Kainic-Acid-Induced Seizures in Rats. Journal of Neuroscience, 2015, 35, 2191-2199.	3.6	31
71	Bulbospinal neuropeptide y-immunoreactive neurons in the rat: comparison with adrenaline-synthesising neurons. Journal of the Autonomic Nervous System, 1994, 47, 233-243.	1.9	30
72	Lateralisation of projections from the rostral ventrolateral medulla to sympathetic preganglionic neurons in the rat. Brain Research, 2002, 929, 181-190.	2.2	30

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73	Impaired serotonergic regulation of heart rate may underlie reduced baroreflex sensitivity in an animal model of depression. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H474-H480.	3.2	30
74	Galanin microinjection into rostral ventrolateral medulla of the rat is hypotensive and attenuates sympathetic chemoreflex. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1019-R1026.	1.8	30
75	Catestatin in rat RVLM is sympathoexcitatory, increases barosensitivity, and attenuates chemosensitivity and the somatosympathetic reflex. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R1538-R1545.	1.8	30
76	Thyrotropin-releasing hormone inputs are preferentially directed towards respiratory motoneurons in rat nucleus ambiguus. Journal of Comparative Neurology, 1995, 362, 320-330.	1.6	29
77	Vesicle shape and amino acids in synaptic inputs to phrenic motoneurons: Do all inputs contain either glutamate or GABA?. , 1996, 373, 200-219.		29
78	The temporal relationship between nonâ€respiratory burst activity of expiratory laryngeal motoneurons and phrenic apnoea during stimulation of the superior laryngeal nerve in rat. Journal of Physiology, 2011, 589, 1819-1830.	2.9	29
79	Acute intermittent hypoxia induced neural plasticity in respiratory motor control. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 602-609.	1.9	29
80	Optogenetics, the intersection between physics and neuroscience: light stimulation of neurons in physiological conditions. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R1292-R1302.	1.8	29
81	Alerted microglia and the sympathetic nervous system: A novel form of microglia in the development of hypertension. Respiratory Physiology and Neurobiology, 2016, 226, 51-62.	1.6	29
82	Presynaptic Î" opioid receptors differentially modulate rhythm and pattern generation in the ventral respiratory group of the rat. Neuroscience, 2003, 121, 959-973.	2.3	28
83	A mapping study of cardiorespiratory responses to chemical stimulation of the midline medulla oblongata in ventilated and freely breathing rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R411-R421.	1.8	28
84	Inhibition of microglial activation with minocycline at the intrathecal level attenuates sympathoexcitatory and proarrhythmogenic changes in rats with chronic temporal lobe epilepsy. Neuroscience, 2017, 350, 23-38.	2.3	28
85	MICROINJECTION OF KAINIC ACID INTO THE ROSTRAL VENTROLATERAL MEDULLA CAUSES HYPERTENSION AND RELEASE OF NEUROPEPTIDE Y-LIKE IMMUNOREACTIVITY FROM RABBIT SPINAL CORD. Clinical and Experimental Pharmacology and Physiology, 1987, 14, 127-132.	1.9	27
86	Amino acid neurotransmitters in the central control of blood pressure and in experimental hypertension. Journal of Hypertension, 1992, 10, S27???38.	0.5	27
87	CENTRAL NEURONS AND NEUROTRANSMITTERS IN THE CONTROL OF BLOOD PRESSURE. Clinical and Experimental Pharmacology and Physiology, 1994, 21, 819-829.	1.9	27
88	Impaired cardiac and sympathetic autonomic control in rats differing in acetylcholine receptor sensitivity. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H1985-H1992.	3.2	27
89	Intrathecal PACAP-38 causes prolonged widespread sympathoexcitation via a spinally mediated mechanism and increases in basal metabolic rate in anesthetized rat. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H2300-H2307.	3.2	27
90	Catestatin, a chromogranin A-derived peptide, is sympathoinhibitory and attenuates sympathetic barosensitivity and the chemoreflex in rat CVLM. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R365-R372.	1.8	27

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91	Acute intermittent hypoxia with concurrent hypercapnia evokes P2X and TRPV1 receptorâ€dependent sensory longâ€term facilitation in naÃ¯ve carotid bodies. Journal of Physiology, 2018, 596, 3149-3169.	2.9	27
92	Synapses on axons of sympathetic preganglionic neurons in rat and rabbit thoracic spinal cord. Journal of Comparative Neurology, 1995, 354, 193-208.	1.6	26
93	The effects of baroreceptor stimulation on central respiratory drive: A review. Respiratory Physiology and Neurobiology, 2010, 174, 37-42.	1.6	26
94	Brainstem galaninâ€synthesizing neurons are differentially activated by chemoreceptor stimuli and represent a subpopulation of respiratory neurons. Journal of Comparative Neurology, 2012, 520, 154-173.	1.6	26
95	Bulbospinal sympatho-excitatory neurons in the rat caudal raphe. Journal of Hypertension, 1995, 13, 1618???1623.	0.5	25
96	NK1 receptor and the ventral medulla of the rat: bulbospinal and catecholaminergic neurons. NeuroReport, 2001, 12, 3663-3667.	1.2	25
97	Intrathecal PACAP-38 causes increases in sympathetic nerve activity and heart rate but not blood pressure in the spontaneously hypertensive rat. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H214-H222.	3.2	25
98	Rostroventrolateral medulla neurons with commissural projections provide input to sympathetic premotor neurons: anatomical and functional evidence. European Journal of Neuroscience, 2013, 38, 2504-2515.	2.6	25
99	Peptides, Serotonin, and Breathing. Progress in Brain Research, 2014, 209, 169-189.	1.4	25
100	Mechanism of Sympathetic Activation and Blood Pressure Elevation in Humans and Animals Following Acute Intermittent Hypoxia. Progress in Brain Research, 2014, 209, 131-146.	1.4	25
101	Neurokinin-1 receptor-immunoreactive sympathetic preganglionic neurons: target specificity and ultrastructure. Neuroscience, 1997, 77, 1137-1149.	2.3	24
102	Central Serotonergic Mechanisms in Hypertension. American Journal of Hypertension, 1988, 1, 79-83.	2.0	23
103	AMPA/kainate receptors mediate sympathetic chemoreceptor reflex in the rostral ventrolateral medulla. Brain Research, 1996, 726, 64-68.	2.2	23
104	Angiotensin II evokes hypotension and renal sympathoinhibition from a highly restricted region in the nucleus tractus solitarii. Brain Research, 2005, 1036, 70-76.	2.2	23
105	Somatic nerve stimulation evokes qualitatively different somatosympathetic responses in the cervical and splanchnic sympathetic nerves in the rat. Brain Research, 2008, 1217, 139-147.	2.2	23
106	The role of PACAP in central cardiorespiratory regulation. Respiratory Physiology and Neurobiology, 2010, 174, 65-75.	1.6	23
107	The effect of losartan on differential reflex control of sympathetic nerve activity in chronic kidney disease. Journal of Hypertension, 2015, 33, 1249-1260.	0.5	23
108	Catestatin attenuates the effects of intrathecal nicotine and isoproterenol. Brain Research, 2009, 1305, 86-95.	2.2	22

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109	Antisense to Thyrotropin Releasing Hormone Receptor Reduces Arterial Blood Pressure in Spontaneously Hypertensive Rats. Circulation Research, 1995, 77, 679-683.	4.5	22
110	Hypercapnia selectively attenuates the somato-sympathetic reflex. Respiratory Physiology and Neurobiology, 2004, 140, 133-143.	1.6	21
111	METABOTROPIC NEUROTRANSMISSION AND INTEGRATION OF SYMPATHETIC NERVE ACTIVITY BY THE ROSTRAL VENTROLATERAL MEDULLA IN THE RAT. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 508-511.	1.9	21
112	GABAA mediated inhibition and post-inspiratory pattern of laryngeal constrictor motoneurons in rat. Respiratory Physiology and Neurobiology, 2008, 162, 41-47.	1.6	21
113	Galanin microinjection into the PreBÃ¶tzinger or the BÃ¶tzinger Complex terminates central inspiratory activity and reduces responses to hypoxia and hypercapnia in rat. Respiratory Physiology and Neurobiology, 2009, 167, 299-306.	1.6	21
114	Dynamic changes in the relationship of microglia to cardiovascular neurons in response to increases and decreases in blood pressure. Neuroscience, 2016, 329, 12-29.	2.3	21
115	Thyrotropin-releasing hormone immunoreactive boutons form close appositions with medullary expiratory neurons in the rat. Brain Research, 1996, 715, 136-144.	2.2	20
116	Serotonin Inputs to Laryngeal Constrictor Motoneurons in the Rat. Laryngoscope, 2005, 115, 105-109.	2.0	20
117	Juxtacellular labeling of identified neurons: Kiss the cells and make them dye. Journal of Comparative Neurology, 2001, 433, 1-3.	1.6	19
118	Maintenance of sympathetic tone by a nickel chloride-sensitive mechanism in the rostral ventrolateral medulla of the adult rat. Neuroscience, 2003, 116, 455-464.	2.3	19
119	Pre-embedding Staining for GAD₆₇ Versus Postembedding Staining for GABA as Markers for Central GABAergic Terminals. Journal of Histochemistry and Cytochemistry, 1998, 46, 1261-1268.	2.5	18
120	Firing patterns of pre-BÃ¶tzinger and BÃ¶tzinger neurons during hypocapnia in the adult rat. Brain Research, 2001, 903, 198-206.	2.2	18
121	Seizure-Induced Sympathoexcitation Is Caused by Activation of Glutamatergic Receptors in RVLM That Also Causes Proarrhythmogenic Changes Mediated by PACAP and Microglia in Rats. Journal of Neuroscience, 2016, 36, 506-517.	3.6	18
122	Enhancement of excitatory transmission in NTS neurons projecting to ventral medulla of rats exposed to sustained hypoxia is blunted by minocycline. Journal of Physiology, 2019, 597, 2903-2923.	2.9	18
123	Dual fluorescence combined with a two-color immunoperoxidase technique: A new way of visualizing diverse neuronal elements. Journal of Neuroscience Methods, 1991, 36, 185-193.	2.5	17
124	Activation of spinal opioid receptors contributes to hypotension after hemorrhage in conscious rats. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H1552-H1558.	3.2	17
125	Recurrent laryngeal nerve activity exhibits a 5-HT-mediated long-term facilitation and enhanced response to hypoxia following acute intermittent hypoxia in rat. Journal of Applied Physiology, 2012, 112, 1144-1156.	2.5	17
126	pSer40 tyrosine hydroxylase immunohistochemistry identifies the anatomical location of C1 neurons in rat RVLM that are activated by hypotension. Neuroscience, 2016, 317, 162-172.	2.3	17

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127	The use of microinjected colloidal gold and immunocytochemistry to localise pressor sites in the rostral medulla oblongata of the rat. Neuroscience Letters, 1987, 77, 125-130.	2.1	16
128	Ultrastructural evidence for GABA-mediated disinhibitory circuits in the spinal cord of the cat. Neuroscience Letters, 1992, 138, 183-187.	2.1	16
129	Identifying neurons in the PreBÃ¶tzinger complex that generate respiratory rhythm: Visualizing the ghost in the machine. Journal of Comparative Neurology, 2001, 434, 125-127.	1.6	16
130	Substance P inputs to laryngeal motoneurons in the rat. Respiratory Physiology and Neurobiology, 2003, 137, 11-18.	1.6	16
131	A monosynaptic connection between baroinhibited neurons in the RVLM and IML in Sprague-Dawley rats. Brain Research, 2006, 1089, 153-161.	2.2	16
132	Neuropeptide Y in the rostral ventrolateral medulla blocks somatosympathetic reflexes in anesthetized rats. Autonomic Neuroscience: Basic and Clinical, 2008, 142, 64-70.	2.8	16
133	Cholinergic inputs to laryngeal motoneurons functionally identified in vivo in rat: A combined electrophysiological and microscopic study. Journal of Comparative Neurology, 2010, 518, 4903-4916.	1.6	16
134	Neuronal Mechanisms Underlying the Laryngeal Adductor Reflex. Annals of Otology, Rhinology and Laryngology, 2011, 120, 755-760.	1.1	16
135	Intrathecal neurotensin is hypotensive, sympathoinhibitory and enhances the baroreflex in anaesthetized rat. British Journal of Pharmacology, 2012, 166, 378-389.	5.4	16
136	Sympathetic premotor neurones project to and are influenced by neurones in the contralateral rostral ventrolateral medulla of the rat in vivo. Brain Research, 2012, 1439, 34-43.	2.2	16
137	Substance P-immunoreactive boutons closely appose inspiratory protruder hypoglossal motoneurons in the cat. Brain Research, 1999, 834, 155-159.	2.2	15
138	Delta pioid receptor immunoreactive boutons appose bulbospinal CI neurons in the rat. NeuroReport, 2000, 11, 887-891.	1.2	15
139	Sex differences in the expression of serotonin-synthesizing enzymes in mouse trigeminal ganglia. Neuroscience, 2011, 199, 429-437.	2.3	15
140	Microglia in the RVLM of SHR have reduced P2Y12R and CX3CR1 expression, shorter processes, and lower cell density. Autonomic Neuroscience: Basic and Clinical, 2019, 216, 9-16.	2.8	15
141	THERE ARE FEW CATECHOLAMINE- OR NEUROPEPTIDE Y-CONTAINING SYNAPSES IN THE INTERMEDIOLATERAL CELL COLUMN OF RAT THORACIC SPINAL CORD. Clinical and Experimental Pharmacology and Physiology, 1991, 18, 111-115.	1.9	14
142	AXONAL PROJECTIONS FROM RESPIRATORY CENTRES TOWARDS THE ROSTRAL VENTROLATERAL MEDULLA IN THE RAT. Clinical and Experimental Pharmacology and Physiology, 1992, 19, 335-338.	1.9	14
143	Respiratory Inputs to Central Cardiovascular Neurons. Annals of the New York Academy of Sciences, 1996, 783, 64-70.	3.8	14
144	Identification of Posterior Cricoarytenoid Motoneurons in the Rat. Annals of Otology, Rhinology and Laryngology, 1999, 108, 1033-1041.	1.1	14

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145	Differential expression of catecholamine synthetic enzymes in the caudal ventral pons. Journal of Comparative Neurology, 2001, 438, 457-467.	1.6	14
146	Phosphorylated extracellular signal-regulated kinase 1/2 immunoreactivity identifies a novel subpopulation of sympathetic preganglionic neurons. Neuroscience, 2005, 133, 583-590.	2.3	14
147	CONTROL OF SYMPATHETIC, RESPIRATORY AND SOMATOMOTOR OUTFLOW BY AN INTRASPINAL PATTERN GENERATOR. Clinical and Experimental Pharmacology and Physiology, 2008, 35, 447-453.	1.9	14
148	Acetylcholinesterase in neural tube defects: A model using chick embryo amniotic fluid. Neuroscience, 1982, 7, 1203-1214.	2.3	13
149	Respiratory Activity of the Rat Posterior Cricoarytenoid Muscle. Annals of Otology, Rhinology and Laryngology, 1997, 106, 897-901.	1.1	13
150	Phosphate-activated glutaminase immunoreactivity in brainstem respiratory neurons. Journal of the Autonomic Nervous System, 1997, 63, 85-90.	1.9	13
151	Congenital Bilateral Vocal Cord Paralysis and the Role of Glycine. Annals of Otology, Rhinology and Laryngology, 2005, 114, 494-498.	1.1	13
152	Activation of PAC₁ and VPAC receptor subtypes elicits differential physiological responses from sympathetic preganglionic neurons in the anaesthetized rat. British Journal of Pharmacology, 2012, 167, 1089-1098.	5.4	13
153	Do pressor neurons in the ventrolateral medulla release amines and neuropeptides?. Canadian Journal of Physiology and Pharmacology, 1987, 65, 1598-1604.	1.4	12
154	Neuropeptide Y in the Sympathetic Control of Blood Pressure in Hypertensive Subjects. Clinical and Experimental Hypertension, 1989, 11, 59-66.	0.3	12
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