

# Paul Martin Pilowsky

## List of Publications by Year in descending order

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247  
papers

6,491  
citations

71102

41  
h-index

114465

63  
g-index

247  
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247  
docs citations

247  
times ranked

3368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Baroreceptor reflex pathways and neurotransmitters: 10 years on. <i>Journal of Hypertension</i> , 2002, 20, 1675-1688.	0.5	252
2	Brainstem and bulbospinal neurotransmitter systems in the control of blood pressure. <i>Journal of Hypertension</i> , 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. <i>Journal of Neuroscience Methods</i> , 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. <i>Journal of Neuroscience Methods</i> , 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. <i>Journal of Comparative Neurology</i> , 1990, 301, 604-617.	1.6	124
6	Serotonin immunoreactive boutons make synapses with feline phrenic motoneurons. <i>Journal of Neuroscience</i> , 1990, 10, 1091-1098.	3.6	101
7	Glutamate-immunoreactive synapses on retrogradely-labelled sympathetic preganglionic neurons in rat thoracic spinal cord. <i>Brain Research</i> , 1992, 581, 67-80.	2.2	96
8	Glutamate in spinally projecting neurons of the rostral ventral medulla. <i>Brain Research</i> , 1991, 555, 326-331.	2.2	87
9	The pre-Bötzinger complex and phase-spanning neurons in the adult rat. <i>Brain Research</i> , 1998, 809, 204-213.	2.2	85
10	Spinal cord serotonin release and raised blood pressure after brainstem kainic acid injection. <i>Brain Research</i> , 1986, 366, 354-357.	2.2	83
11	Differential expression of catecholamine biosynthetic enzymes in the rat ventrolateral medulla. <i>Journal of Comparative Neurology</i> , 2001, 432, 20-34.	1.6	83
12	Orexin A in rat rostral ventrolateral medulla is pressor, sympathoexcitatory, increases barosensitivity and attenuates the somato-sympathetic reflex. <i>British Journal of Pharmacology</i> , 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. <i>Journal of Comparative Neurology</i> , 1990, 295, 208-218.	1.6	78
14	Close appositions between Tyrosine hydroxylase immunoreactive boutons and respiratory neurons in the rat ventrolateral medulla. <i>Journal of Comparative Neurology</i> , 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. <i>Circulation Research</i> , 2007, 100, 284-291.	4.5	74
16	Site-specific effects of apelin-13 in the rat medulla oblongata on arterial pressure and respiration. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2002, 101, 32-38.	2.8	72
17	Differential Role of Kinases in Brain Stem of Hypertensive and Normotensive Rats. <i>Hypertension</i> , 2001, 38, 1087-1092.	2.7	71
18	UPREGULATION OF ANGIOTENSIN AT <sub>1</sub> RECEPTOR AND INTRACELLULAR KINASE GENE EXPRESSION IN HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 690-695.	1.9	69

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

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

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55	Intracellular recording from sympathetic preganglionic neurons in cat lumbar spinal cord. <i>Brain Research</i> , 1994, 656, 319-328.	2.2	34
56	ANTISENSE OLIGONUCLEOTIDES: A NEW TOOL IN NEUROSCIENCE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1994, 21, 935-944.	1.9	34
57	Serotonin inputs to rabbit sympathetic preganglionic neurons projecting to the superior cervical ganglion or adrenal medulla. <i>Journal of Comparative Neurology</i> , 1995, 353, 427-438.	1.6	34
58	Rostral ventral medulla 5-HT <sub>1A</sub> receptors selectively inhibit the somatosympathetic reflex. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 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. <i>Journal of Physiology</i> , 2007, 582, 711-722.	2.9	34
60	Orexin and Central Regulation of Cardiorespiratory System. <i>Vitamins and Hormones</i> , 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. <i>Journal of Physiology</i> , 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. <i>Brain Research</i> , 1992, 577, 181-188.	2.2	33
63	Hypotension and short-term anaesthesia induce ERK1/2 phosphorylation in autonomic nuclei of the brainstem. <i>European Journal of Neuroscience</i> , 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. <i>Journal of Neuroscience</i> , 2006, 26, 5420-5427.	3.6	32
65	Effects of baroreceptor activation on respiratory variability in rat. <i>Respiratory Physiology and Neurobiology</i> , 2009, 166, 80-86.	1.6	32
66	Central serotonergic mechanisms in cardiovascular regulation. <i>Cardiovascular Drugs and Therapy</i> , 1990, 4, 27-32.	2.6	31
67	Projections from inspiratory neurons of the ventral respiratory group to the subretrofacial nucleus of the cat. <i>Brain Research</i> , 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. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R1707-R1715.	1.8	31
69	Retrograde projections to a discrete apneic site in the midline medulla oblongata of the rat. <i>Brain Research</i> , 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. <i>Journal of Neuroscience</i> , 2015, 35, 2191-2199.	3.6	31
71	Bulbospinal neuropeptide $\gamma$ -immunoreactive neurons in the rat: comparison with adrenaline-synthesising neurons. <i>Journal of the Autonomic Nervous System</i> , 1994, 47, 233-243.	1.9	30
72	Lateralisation of projections from the rostral ventrolateral medulla to sympathetic preganglionic neurons in the rat. <i>Brain Research</i> , 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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H474-H480.	3.2	30
74	Galanin microinjection into rostral ventrolateral medulla of the rat is hypotensive and attenuates sympathetic chemoreflex. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1019-R1026.	1.8	30
75	Catestatin in rat RVLM is sympathoexcitatory, increases barosensitivity, and attenuates chemosensitivity and the somatosympathetic reflex. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1538-R1545.	1.8	30
76	Thyrotropin-releasing hormone inputs are preferentially directed towards respiratory motoneurons in rat nucleus ambiguus. <i>Journal of Comparative Neurology</i> , 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 non- respiratory burst activity of expiratory laryngeal motoneurons and phrenic apnoea during stimulation of the superior laryngeal nerve in rat. <i>Journal of Physiology</i> , 2011, 589, 1819-1830.	2.9	29
79	Acute intermittent hypoxia induced neural plasticity in respiratory motor control. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2013, 40, 602-609.	1.9	29
80	Optogenetics, the intersection between physics and neuroscience: light stimulation of neurons in physiological conditions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 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. <i>Respiratory Physiology and Neurobiology</i> , 2016, 226, 51-62.	1.6	29
82	Presynaptic $\mu$ opioid receptors differentially modulate rhythm and pattern generation in the ventral respiratory group of the rat. <i>Neuroscience</i> , 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. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 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. <i>Neuroscience</i> , 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. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1987, 14, 127-132.	1.9	27
86	Amino acid neurotransmitters in the central control of blood pressure and in experimental hypertension. <i>Journal of Hypertension</i> , 1992, 10, S27-38.	0.5	27
87	CENTRAL NEURONS AND NEUROTRANSMITTERS IN THE CONTROL OF BLOOD PRESSURE. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1994, 21, 819-829.	1.9	27
88	Impaired cardiac and sympathetic autonomic control in rats differing in acetylcholine receptor sensitivity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 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. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R365-R372.	1.8	27

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91	Acute intermittent hypoxia with concurrent hypercapnia evokes P2X and TRPV1 receptor-dependent sensory long-term facilitation in naïve carotid bodies. <i>Journal of Physiology</i> , 2018, 596, 3149-3169.	2.9	27
92	Synapses on axons of sympathetic preganglionic neurons in rat and rabbit thoracic spinal cord. <i>Journal of Comparative Neurology</i> , 1995, 354, 193-208.	1.6	26
93	The effects of baroreceptor stimulation on central respiratory drive: A review. <i>Respiratory Physiology and Neurobiology</i> , 2010, 174, 37-42.	1.6	26
94	Brainstem galanin-synthesizing neurons are differentially activated by chemoreceptor stimuli and represent a subpopulation of respiratory neurons. <i>Journal of Comparative Neurology</i> , 2012, 520, 154-173.	1.6	26
95	Bulbospinal sympatho-excitatory neurons in the rat caudal raphe. <i>Journal of Hypertension</i> , 1995, 13, 1618-1623.	0.5	25
96	NK1 receptor and the ventral medulla of the rat: bulbospinal and catecholaminergic neurons. <i>NeuroReport</i> , 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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H214-H222.	3.2	25
98	Rostroventrolateral medulla neurons with commissural projections provide input to sympathetic premotor neurons: anatomical and functional evidence. <i>European Journal of Neuroscience</i> , 2013, 38, 2504-2515.	2.6	25
99	Peptides, Serotonin, and Breathing. <i>Progress in Brain Research</i> , 2014, 209, 169-189.	1.4	25
100	Mechanism of Sympathetic Activation and Blood Pressure Elevation in Humans and Animals Following Acute Intermittent Hypoxia. <i>Progress in Brain Research</i> , 2014, 209, 131-146.	1.4	25
101	Neurokinin-1 receptor-immunoreactive sympathetic preganglionic neurons: target specificity and ultrastructure. <i>Neuroscience</i> , 1997, 77, 1137-1149.	2.3	24
102	Central Serotonergic Mechanisms in Hypertension. <i>American Journal of Hypertension</i> , 1988, 1, 79-83.	2.0	23
103	AMPA/kainate receptors mediate sympathetic chemoreceptor reflex in the rostral ventrolateral medulla. <i>Brain Research</i> , 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. <i>Brain Research</i> , 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. <i>Brain Research</i> , 2008, 1217, 139-147.	2.2	23
106	The role of PACAP in central cardiorespiratory regulation. <i>Respiratory Physiology and Neurobiology</i> , 2010, 174, 65-75.	1.6	23
107	The effect of losartan on differential reflex control of sympathetic nerve activity in chronic kidney disease. <i>Journal of Hypertension</i> , 2015, 33, 1249-1260.	0.5	23
108	Catestatin attenuates the effects of intrathecal nicotine and isoproterenol. <i>Brain Research</i> , 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. <i>Circulation Research</i> , 1995, 77, 679-683.	4.5	22
110	Hypercapnia selectively attenuates the somato-sympathetic reflex. <i>Respiratory Physiology and Neurobiology</i> , 2004, 140, 133-143.	1.6	21
111	METABOTROPIC NEUROTRANSMISSION AND INTEGRATION OF SYMPATHETIC NERVE ACTIVITY BY THE ROSTRAL VENTROLATERAL MEDULLA IN THE RAT. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 508-511.	1.9	21
112	GABAA mediated inhibition and post-inspiratory pattern of laryngeal constrictor motoneurons in rat. <i>Respiratory Physiology and Neurobiology</i> , 2008, 162, 41-47.	1.6	21
113	Galanin microinjection into the PreBötzing or the Bötzing Complex terminates central inspiratory activity and reduces responses to hypoxia and hypercapnia in rat. <i>Respiratory Physiology and Neurobiology</i> , 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. <i>Neuroscience</i> , 2016, 329, 12-29.	2.3	21
115	Thyrotropin-releasing hormone immunoreactive boutons form close appositions with medullary expiratory neurons in the rat. <i>Brain Research</i> , 1996, 715, 136-144.	2.2	20
116	Serotonin Inputs to Laryngeal Constrictor Motoneurons in the Rat. <i>Laryngoscope</i> , 2005, 115, 105-109.	2.0	20
117	Juxtacellular labeling of identified neurons: Kiss the cells and make them dye. <i>Journal of Comparative Neurology</i> , 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. <i>Neuroscience</i> , 2003, 116, 455-464.	2.3	19
119	Pre-embedding Staining for GAD <sub>67</sub> Versus Postembedding Staining for GABA as Markers for Central GABAergic Terminals. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 1261-1268.	2.5	18
120	Firing patterns of pre-Bötzing and Bötzing neurons during hypocapnia in the adult rat. <i>Brain Research</i> , 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. <i>Journal of Neuroscience</i> , 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. <i>Journal of Physiology</i> , 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. <i>Journal of Neuroscience Methods</i> , 1991, 36, 185-193.	2.5	17
124	Activation of spinal opioid receptors contributes to hypotension after hemorrhage in conscious rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 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. <i>Journal of Applied Physiology</i> , 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. <i>Neuroscience</i> , 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. <i>Neuroscience Letters</i> , 1987, 77, 125-130.	2.1	16
128	Ultrastructural evidence for GABA-mediated disinhibitory circuits in the spinal cord of the cat. <i>Neuroscience Letters</i> , 1992, 138, 183-187.	2.1	16
129	Identifying neurons in the PreBötzing complex that generate respiratory rhythm: Visualizing the ghost in the machine. <i>Journal of Comparative Neurology</i> , 2001, 434, 125-127.	1.6	16
130	Substance P inputs to laryngeal motoneurons in the rat. <i>Respiratory Physiology and Neurobiology</i> , 2003, 137, 11-18.	1.6	16
131	A monosynaptic connection between baroinhibited neurons in the RVLM and IML in Sprague-Dawley rats. <i>Brain Research</i> , 2006, 1089, 153-161.	2.2	16
132	Neuropeptide Y in the rostral ventrolateral medulla blocks somatosympathetic reflexes in anesthetized rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 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. <i>Journal of Comparative Neurology</i> , 2010, 518, 4903-4916.	1.6	16
134	Neuronal Mechanisms Underlying the Laryngeal Adductor Reflex. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2011, 120, 755-760.	1.1	16
135	Intrathecal neurotensin is hypotensive, sympathoinhibitory and enhances the baroreflex in anaesthetized rat. <i>British Journal of Pharmacology</i> , 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. <i>Brain Research</i> , 2012, 1439, 34-43.	2.2	16
137	Substance P-immunoreactive boutons closely appose inspiratory protruder hypoglossal motoneurons in the cat. <i>Brain Research</i> , 1999, 834, 155-159.	2.2	15
138	Delta pioid receptor immunoreactive boutons appose bulbospinal CI neurons in the rat. <i>NeuroReport</i> , 2000, 11, 887-891.	1.2	15
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