

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
all docs

247
docs citations

247
times ranked

3368
citing authors

#	ARTICLE	IF	CITATIONS
1	Platinum accumulation in the brain and alteration in the central regulation of cardiovascular and respiratory functions in oxaliplatin-treated rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 107-120.	2.8	4
2	Renal denervation does not affect hypertension or the renin-angiotensin system in a rodent model of juvenile-onset polycystic kidney disease: clinical implications. <i>Scientific Reports</i> , 2021, 11, 14286.	3.3	6
3	PACAP-PAC1 Receptor Activation Is Necessary for the Sympathetic Response to Acute Intermittent Hypoxia. <i>Frontiers in Neuroscience</i> , 2019, 13, 881.	2.8	7
4	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
5	Repetitive hypoglycemia reduces activation of glucose-responsive neurons in C1 and C3 medullary brain regions to subsequent hypoglycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E388-E398.	3.5	10
6	Serotonin in Central Cardiovascular Regulation. , 2019, , 335-347.		1
7	Microglia in the RVLM of SHR have reduced P2Y12R and CX3CR1 expression, shorter processes, and lower cell density. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 216, 9-16.	2.8	15
8	Integration of hindbrain and carotid body mechanisms that control the autonomic response to cardiorespiratory and glucoprivic insults. <i>Respiratory Physiology and Neurobiology</i> , 2019, 265, 83-91.	1.6	4
9	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
10	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
11	Activation of μ -opioid receptors in the rostral ventrolateral medulla blocks the sympathetic counterregulatory response to glucoprivation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1115-R1122.	1.8	9
12	Glia and central cardiorespiratory pathology. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 214, 24-34.	2.8	6
13	The Expression of Galanin in the Parafacial Respiratory Group and its Effects on Respiration in Neonatal Rats. <i>Neuroscience</i> , 2018, 384, 1-13.	2.3	4
14	Carbohydrate ingestion induces differential autonomic dysregulation in normal-tension glaucoma and primary open angle glaucoma. <i>PLoS ONE</i> , 2018, 13, e0198432.	2.5	9
15	Carotid body and subfornical organ AT1-mediated sympathoexcitation following repetitive hypoxia requires intrarenal ischemia in rats. <i>FASEB Journal</i> , 2018, 32, 918.2.	0.5	0
16	Short Sustained, But Not Intermittent, Hypoxia Attenuates Kainic Acid-Induced Sympathetic Nerve Activity Increase and Prevents Seizure Development in Rats. <i>FASEB Journal</i> , 2018, 32, lb408.	0.5	0
17	Inhibition of microglial activation with minocycline at the intrathecal level attenuates sympathoexcitatory and proarrhythmic changes in rats with chronic temporal lobe epilepsy. <i>Neuroscience</i> , 2017, 350, 23-38.	2.3	28
18	Phrenic nerve deficits and neurological immunopathology associated with acute West Nile virus infection in mice and hamsters. <i>Journal of NeuroVirology</i> , 2017, 23, 186-204.	2.1	7

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19	Increased arterial stiffness does not respond to renal denervation in an animal model of secondary hypertension. , 2017, 2017, 258-261.		1
20	PACAP(6-38) or kynurenate microinjections into the RVLM prevent development of sympathetic long-term facilitation following acute intermittent hypoxia. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 314, H563-H572.	3.2	7
21	Carbohydrate ingestion induces sex-specific cardiac vagal inhibition, but not vascular sympathetic modulation, in healthy older women. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R49-R56.	1.8	6
22	Intermittent hypoxia-induced cardiorespiratory long-term facilitation: A new role for microglia. Respiratory Physiology and Neurobiology, 2016, 226, 30-38.	1.6	7
23	Foreword. Respiratory Physiology and Neurobiology, 2016, 226, 1-2.	1.6	0
24	Intrathecal Intermittent Orexin-A Causes Sympathetic Long-Term Facilitation and Sensitizes the Peripheral Chemoreceptor Response to Hypoxia in Rats. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 492-501.	2.5	5
25	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
26	Microglial number is related to the number of tyrosine hydroxylase neurons in SHR and normotensive rats. Autonomic Neuroscience: Basic and Clinical, 2016, 198, 10-18.	2.8	8
27	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
28	Medullary mediation of the laryngeal adductor reflex: A possible role in sudden infant death syndrome. Respiratory Physiology and Neurobiology, 2016, 226, 121-127.	1.6	7
29	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
30	Microglia PACAP and glutamate: Friends or foes in seizure-induced autonomic dysfunction and SUDEP?. Respiratory Physiology and Neurobiology, 2016, 226, 39-50.	1.6	10
31	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
32	pSer40 tyrosine hydroxylase immunohistochemistry identifies the anatomical location of C1 neurons in rat RVLM that are activated by hypotension. FASEB Journal, 2016, 30, 753.6.	0.5	0
33	Gene Interference with Morpholinos in a Gold Nanoparticle-Based Delivery Platform in Rat PC12 Cells. Journal of Biomedical Nanotechnology, 2015, 11, 2111-2123.	1.1	3
34	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
35	Catecholamine inputs to expiratory laryngeal motoneurons in rats. Journal of Comparative Neurology, 2015, 523, 381-390.	1.6	4
36	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

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37	Surgical preparation of mice for recording cardiorespiratory parameters in vivo. <i>Journal of Neuroscience Methods</i> , 2015, 248, 41-45.	2.5	5
38	A simple, novel and accurate method to estimate track record: a new α -value. <i>Medical Journal of Australia</i> , 2014, 201, 549-549.	1.7	0
39	The Brainstem Respiratory Network. , 2014, , 235-245.		4
40	Implantable compact antennas for wireless bio-telemetry: A comparative study. , 2014, , .		1
41	Rebuttal from Peter M. Lalley, Paul M. Pilowsky, Hubert V. Forster and Edward J. Zuperku. <i>Journal of Physiology</i> , 2014, 592, 1169-1169.	2.9	3
42	Antenna design and placement options for an implantable wireless medical telemetry system. , 2014, , .		0
43	Peptides, Serotonin, and Breathing. <i>Progress in Brain Research</i> , 2014, 209, 169-189.	1.4	25
44	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
45	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
46	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
47	CrossTalk opposing view: The pre α -tztzinger 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
48	Quiet standing after carbohydrate ingestion induces sympathoexcitatory and pressor responses in young healthy males. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 185, 112-119.	2.8	9
49	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
50	Neuromedin U causes biphasic cardiovascular effects and impairs baroreflex function in rostral ventrolateral medulla of spontaneously hypertensive rat. <i>Peptides</i> , 2013, 44, 15-24.	2.4	8
51	An implantable Hilbert PIFA antenna for RFID based telemetry. , 2013, , .		4
52	Excitatory Responses to Microinjection of Glutamate Depend on Dose Not Volume: A Meta-Analysis of Studies in Rat RVLN. <i>Neuromethods</i> , 2013, , 37-46.	0.3	3
53	Microiontophoretic Study of Individual Neurons During Intracellular Recording. <i>Neuromethods</i> , 2013, , 141-149.	0.3	0
54	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

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55	An implantable PIFA antenna with a J-shaped proximity feed for RFID telemetry. , 2013, , .		4
56	Aspirin is associated with lower melanoma risk among postmenopausal Caucasian women. <i>Cancer</i> , 2013, 119, 3737-3737.	4.1	1
57	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
58	Making a telemetry system implantable: Challenges and opportunities in antenna design. , 2013, , .		4
59	Intrathecal melanin-concentrating hormone reduces sympathetic tone and blocks cardiovascular reflexes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R624-R632.	1.8	9
60	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
61	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
62	Orexin and Central Regulation of Cardiorespiratory System. <i>Vitamins and Hormones</i> , 2012, 89, 159-184.	1.7	34
63	Differential Cardiorespiratory and Sympathetic Reflex Responses to Microinjection of Neuromedin U in Rat Rostral Ventrolateral Medulla. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 213-224.	2.5	9
64	Catestatin has an unexpected effect on the intrathecal actions of PACAP dramatically reducing blood pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R719-R726.	1.8	5
65	A miniaturized implantable PIFA antenna for indoor wireless telemetry. , 2012, , .		4
66	Interaction of medullary P2 and glutamate receptors mediates the vasodilation in the hindlimb of rat. <i>Purinergic Signalling</i> , 2012, 8, 715-728.	2.2	2
67	Design of an implantable antenna to acquire physiological signals in rats. , 2012, , .		8
68	Bandwidth enhancement of an implantable RFID tag antenna at 900 MHz ISM band for RF telemetry. , 2012, , .		6
69	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
70	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
71	Vasostatin I (CgA17-76) vasoconstricts rat splanchnic vascular bed but does not affect central cardiovascular function. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 166, 22-28.	2.8	5
72	Noxious somatic stimuli diminish respiratory-sympathetic coupling by selective resetting of the respiratory rhythm in anaesthetized rats. <i>Experimental Physiology</i> , 2012, 97, 1093-1104.	2.0	3

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73	Activation of PAC ₁ and VPAC receptor subtypes elicits differential physiological responses from sympathetic preganglionic neurons in the anaesthetized rat. <i>British Journal of Pharmacology</i> , 2012, 167, 1089-1098.	5.4	13
74	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
75	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
76	Expiratory-modulated laryngeal motoneurons exhibit a hyperpolarization preceding depolarization during superior laryngeal nerve stimulation in the in vivo adult rat. <i>Brain Research</i> , 2012, 1445, 52-61.	2.2	7
77	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
78	Activation of the Mammalian Cells by Using Light-Sensitive Ion Channels. <i>Methods in Molecular Biology</i> , 2012, 875, 241-251.	0.9	1
79	Intermittent activation of peripheral renin-angiotensin system (RAS) elicits sympathetic long term facilitation (LTF). <i>FASEB Journal</i> , 2012, 26, 703.12.	0.5	0
80	PACAP causes long-term increases in sympathetic nerve activity and is necessary for the sympathetic response to acute intermittent hypoxia. <i>FASEB Journal</i> , 2012, 26, 891.6.	0.5	0
81	Sex differences in the expression of serotonin-synthesizing enzymes in mouse trigeminal ganglia. <i>Neuroscience</i> , 2011, 199, 429-437.	2.3	15
82	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
83	Intrathecal neuromedin U induces biphasic effects on sympathetic vasomotor tone, increases respiratory drive and attenuates sympathetic reflexes in rat. <i>British Journal of Pharmacology</i> , 2011, 164, 617-631.	5.4	12
84	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
85	Substance P, tyrosine hydroxylase and serotonin terminals in the rat caudal nucleus ambiguus. <i>Respiratory Physiology and Neurobiology</i> , 2011, 178, 337-340.	1.6	7
86	Asymmetrical changes in lumbar sympathetic nerve activity following stimulation of the sciatic nerve in rat. <i>Brain Research</i> , 2011, 1391, 60-70.	2.2	10
87	Neuronal Mechanisms Underlying the Laryngeal Adductor Reflex. <i>Annals of Otolaryngology and Rhinology</i> , 2011, 120, 755-760.	1.1	16
88	Effects of rat skin on the resonance frequency: An experiment with a commercial antenna for an implanted telemetry system. , 2011, , .		1
89	Intrathecal bombesin is sympathoexcitatory and pressor in rat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R1486-R1494.	1.8	5
90	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

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91	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
92	The role of PACAP in central cardiorespiratory regulation. <i>Respiratory Physiology and Neurobiology</i> , 2010, 174, 65-75.	1.6	23
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	Foreword. <i>Respiratory Physiology and Neurobiology</i> , 2010, 174, 1-3.	1.6	1
95	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
96	Acute intermittent hypoxia in rat <i>in vivo</i> 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
97	Respiration-Related Laryngeal Electromyography in Children with Bilateral Vocal Fold Paralysis. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2010, 119, 791-795.	1.1	5
98	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
99	Somatostatin selectively ablates post-inspiratory activity after injection into the Bötzinger complex. <i>Neuroscience</i> , 2010, 167, 528-539.	2.3	49
100	The Generation of Post-Inspiratory Activity in Laryngeal Motoneurons: A Review. <i>Advances in Experimental Medicine and Biology</i> , 2010, 669, 143-149.	1.6	11
101	Respiration-Related Laryngeal Electromyography in Children with Bilateral Vocal Fold Paralysis. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2009, 118, 791-795.	1.1	11
102	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
103	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
104	Effects of baroreceptor activation on respiratory variability in rat. <i>Respiratory Physiology and Neurobiology</i> , 2009, 166, 80-86.	1.6	32
105	Galanin microinjection into the PreBötzinger or the Bötzinger 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
106	Catestatin attenuates the effects of intrathecal nicotine and isoproterenol. <i>Brain Research</i> , 2009, 1305, 86-95.	2.2	22
107	Neuropeptides and the Central Neural Regulation of the Cardiorespiratory System. <i>Tzu Chi Medical Journal</i> , 2009, 21, 99-102.	1.1	2
108	Galanin is a selective marker of the retrotrapezoid nucleus in rats. <i>Journal of Comparative Neurology</i> , 2009, 512, 373-383.	1.6	49

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109	Every breath you take: why sympathetic nerve activity comes in bursts. <i>Journal of Physiology</i> , 2009, 587, 297-297.	2.9	2
110	Local anaesthetics for acute reversible blockade of the sympathetic baroreceptor reflex in the rat. <i>Journal of Neuroscience Methods</i> , 2009, 179, 58-62.	2.5	6
111	Differential muscarinic receptor gene expression levels in the ventral medulla of spontaneously hypertensive and Wistar-Kyoto rats: role in sympathetic baroreflex function. <i>Journal of Hypertension</i> , 2009, 27, 1001-1008.	0.5	12
112	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
113	CONTROL OF SYMPATHETIC, RESPIRATORY AND SOMATOMOTOR OUTFLOW BY AN INTRASPINAL PATTERN GENERATOR. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 447-453.	1.9	14
114	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
115	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
116	Neurochemical phenotypes of cardiorespiratory neurons. <i>Respiratory Physiology and Neurobiology</i> , 2008, 164, 12-17.	1.6	3
117	Significance of Multiple Neurochemicals that Regulate Respiration. <i>Advances in Experimental Medicine and Biology</i> , 2008, 605, 268-273.	1.6	2
118	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
119	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
120	Somatostatin 2A Receptor-Expressing Presympathetic Neurons in the Rostral Ventrolateral Medulla Maintain Blood Pressure. <i>Hypertension</i> , 2008, 52, 1127-1133.	2.7	41
121	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
122	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
123	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
124	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
125	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
126	AN ALDOSTERONE-RELATED SYSTEM IN THE VENTROLATERAL MEDULLA OBLONGATA OF SPONTANEOUSLY HYPERTENSIVE AND WISTAR-KYOTO RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 71-75.	1.9	8

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127	UPREGULATION OF ANGIOTENSIN AT ₁ RECEPTOR AND INTRACELLULAR KINASE GENE EXPRESSION IN HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 690-695.	1.9	69
128	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
129	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
130	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
131	Serotonin Inputs to Laryngeal Constrictor Motoneurons in the Rat. <i>Laryngoscope</i> , 2005, 115, 105-109.	2.0	20
132	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
133	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
134	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
135	Congenital Bilateral Vocal Cord Paralysis and the Role of Glycine. <i>Annals of Otolaryngology and Rhinology</i> , 2005, 114, 494-498.	1.1	13
136	Phosphorylated extracellular signal-regulated kinase 1/2 immunoreactivity identifies a novel subpopulation of sympathetic preganglionic neurons. <i>Neuroscience</i> , 2005, 133, 583-590.	2.3	14
137	Preprotachykinin A mRNA is colocalized with tyrosine hydroxylase-immunoreactivity in bulbospinal neurons. <i>Neuroscience</i> , 2005, 136, 205-216.	2.3	45
138	Response of laryngeal motoneurons to hyperventilation induced apnea in the rat. <i>Respiratory Physiology and Neurobiology</i> , 2005, 146, 155-163.	1.6	10
139	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
140	Neurotransmission in Central Cardiovascular Control. <i>Hypertension</i> , 2004, 43, 945-946.	2.7	1
141	Hypercapnia selectively attenuates the somato-sympathetic reflex. <i>Respiratory Physiology and Neurobiology</i> , 2004, 140, 133-143.	1.6	21
142	Serotonin Neurons in the Brainstem and Spinal Cord: Diverse Projections and Multiple Functions. , 2004, , 219-244.		0
143	A novel method for marking microinjection sites using methylene blue and diaminobenzidine. <i>Journal of Neuroscience Methods</i> , 2003, 124, 207-211.	2.5	5
144	Journal impact factors and research submission pressures. <i>ANZ Journal of Surgery</i> , 2003, 73, 93-94.	0.7	9

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145	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
146	Effect of haemorrhage on the expression of neurotransmitter-related genes in rat ventrolateral medulla: a quantitative real-time RT-PCR study. <i>Molecular Brain Research</i> , 2003, 114, 46-54.	2.3	11
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