Paul Martin Pilowsky

List of Publications by Year in Descending Order

240 papers	5,821 citations	39 h-index	60 g-index
247 ext. papers	6,127 ext. citations	3.5 avg, IF	5.58 L-index

#	Paper	IF	Citations
240	Platinum accumulation in the brain and alteration in the central regulation of cardiovascular and respiratory functions in oxaliplatin-treated rats. *Pflugers Archiv European Journal of Physiology*, **2021**, 473, 107-120	4.6	1
239	Renal denervation does not affect hypertension or the renin-angiotensin system in a rodent model of juvenile-onset polycystic kidney disease: clinical implications. *Scientific Reports*, **2021**, 11, 14286	4.9	2
238	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	3.9	6
237	Repetitive hypoglycemia reduces activation of glucose-responsive neurons in C1 and C3 medullary brain regions to subsequent hypoglycemia. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 317, E388-E398	6	3
236	PACAP-PAC1 Receptor Activation Is Necessary for the Sympathetic Response to Acute Intermittent Hypoxia. *Frontiers in Neuroscience*, **2019**, 13, 881	5.1	4
235	Serotonin in Central Cardiovascular Regulation: Ex Uno Plura (From One Comes Many) **2019**, 335-347		0
234	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	2.4	11
233	Integration of hindbrain and carotid body mechanisms that control the autonomic response to cardiorespiratory and glucoprivic insults. *Respiratory Physiology and Neurobiology*, **2019**, 265, 83-91	2.8	3
232	PACAP-(6-38) or kynurenate microinjections in the RVLM prevent the development of sympathetic long-term facilitation after acute intermittent hypoxia. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H563-H572	5.2	6
231	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	3.9	26
230	Carotid body and subfornical organ AT1R-mediated sympathoexcitation following repetitive hypoxia requires intrarenal ischemia in rats. *FASEB Journal*, **2018**, 32, 918.2	0.9	
229	Short Sustained, But Not Intermittent, Hypoxia Attenuates Kainic Acid-Induced Sympathetic Nerve Activity Increase and Prevents Seizure Development in Rats. *FASEB Journal*, **2018**, 32, lb408	0.9	
228	Acute intermittent hypoxia with concurrent hypercapnia evokes P2X and TRPV1 receptor-dependent sensory long-term facilitation in naïve carotid bodies. *Journal of Physiology*, **2018**, 596, 3149-3169	3.9	21
227	Activation of μ-opioid receptors in the rostral ventrolateral medulla blocks the sympathetic counterregulatory response to glucoprivation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 315, R1115-R1122	3.2	5
226	Glia and central cardiorespiratory pathology. *Autonomic Neuroscience: Basic and Clinical*, **2018**, 214, 24-34	2.4	3
225	The Expression of Galanin in the Parafacial Respiratory Group and its Effects on Respiration in Neonatal Rats. *Neuroscience*, **2018**, 384, 1-13	3.9	2
224	Carbohydrate ingestion induces differential autonomic dysregulation in normal-tension glaucoma and primary open angle glaucoma. *PLoS ONE*, **2018**, 13, e0198432	3.7	3

223	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	3.9	19
222	Phrenic nerve deficits and neurological immunopathology associated with acute West Nile virus infection in mice and hamsters. *Journal of NeuroVirology*, **2017**, 23, 186-204	3.9	6
221	Increased arterial stiffness does not respond to renal denervation in an animal model of secondary hypertension. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2017**, 2017, 258-261	0.9	
220	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	4.7	5
219	Dynamic changes in the relationship of microglia to cardiovascular neurons in response to increases and decreases in blood pressure. *Neuroscience*, **2016**, 329, 12-29	3.9	18
218	Microglial number is related to the number of tyrosine hydroxylase neurons in SHR and normotensive rats. *Autonomic Neuroscience: Basic and Clinical*, **2016**, 198, 10-8	2.4	6
217	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, 506-17	6.6	15
216	Medullary mediation of the laryngeal adductor reflex: A possible role in sudden infant death syndrome. *Respiratory Physiology and Neurobiology*, **2016**, 226, 121-7	2.8	1
215	pSer40 tyrosine hydroxylase immunohistochemistry identifies the anatomical location of C1 neurons in rat RVLM that are activated by hypotension. *Neuroscience*, **2016**, 317, 162-72	3.9	14
214	Microglia PACAP and glutamate: Friends or foes in seizure-induced autonomic dysfunction and SUDEP?. *Respiratory Physiology and Neurobiology*, **2016**, 226, 39-50	2.8	9
213	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	2.8	21
212	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	0.9	
211	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, R49-56	3.2	6
210	Intermittent hypoxia-induced cardiorespiratory long-term facilitation: A new role for microglia. *Respiratory Physiology and Neurobiology*, **2016**, 226, 30-8	2.8	4
209	Surgical preparation of mice for recording cardiorespiratory parameters in vivo. *Journal of Neuroscience Methods*, **2015**, 248, 41-5	3	4
208	Gene Interference with Morpholinos in a Gold Nanoparticle-Based Delivery Platform in Rat PC12 Cells. *Journal of Biomedical Nanotechnology*, **2015**, 11, 2111-23	4	3
207	The effect of losartan on differential reflex control of sympathetic nerve activity in chronic kidney disease. *Journal of Hypertension*, **2015**, 33, 1249-60	1.9	21
206	Catecholamine inputs to expiratory laryngeal motoneurons in rats. *Journal of Comparative Neurology*, **2015**, 523, 381-90	3.4	4

205	Antagonism of PACAP or microglia function worsens the cardiovascular consequences of kainic-acid-induced seizures in rats. *Journal of Neuroscience*, **2015**, 35, 2191-9	6.6	27
204	Mechanism of sympathetic activation and blood pressure elevation in humans and animals following acute intermittent hypoxia. *Progress in Brain Research*, **2014**, 209, 131-46	2.9	20
203	The generation of pharyngeal phase of swallow and its coordination with breathing: interaction between the swallow and respiratory central pattern generators. *Progress in Brain Research*, **2014**, 212, 253-75	2.9	33
202	. *IEEE Transactions on Microwave Theory and Techniques*, **2014**, 62, 1890-1897	4.1	24
201	CrossTalk opposing view: The pre-Botzinger complex is not essential for respiratory depression following systemic administration of opioid analgesics. *Journal of Physiology*, **2014**, 592, 1163-6	3.9	33
200	Quiet standing after carbohydrate ingestion induces sympathoexcitatory and pressor responses in young healthy males. *Autonomic Neuroscience: Basic and Clinical*, **2014**, 185, 112-9	2.4	7
199	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, R1292-302	3.2	17
198	A simple, novel and accurate method to estimate track record: a new "P" value. *Medical Journal of Australia*, **2014**, 201, 549	4	
197	The Brainstem Respiratory Network **2014**, 235-245		3
196	Implantable compact antennas for wireless bio-telemetry: A comparative study **2014**,		1
195	Rebuttal from Peter M. Lalley, Paul M. Pilowsky, Hubert V. Forster and Edward J. Zuperku. *Journal of Physiology*, **2014**, 592, 1169	3.9	3
194	Peptides, serotonin, and breathing: the role of the raphe in the control of respiration. *Progress in Brain Research*, **2014**, 209, 169-89	2.9	19
193	Neuromedin U causes biphasic cardiovascular effects and impairs baroreflex function in rostral ventrolateral medulla of spontaneously hypertensive rat. *Peptides*, **2013**, 44, 15-24	3.8	6
192	An implantable Hilbert PIFA antenna for RFID based telemetry **2013**,		2
191	Excitatory Responses to Microinjection of Glutamate Depend on Dose Not Volume: A Meta-Analysis of Studies in Rat RVLM. *Neuromethods*, **2013**, 37-46	0.4	3
190	Microiontophoretic Study of Individual Neurons During Intracellular Recording. *Neuromethods*, **2013**, 141-149	0.4	
189	Rostroventrolateral medulla neurons with commissural projections provide input to sympathetic premotor neurons: anatomical and functional evidence. *European Journal of Neuroscience*, **2013**, 38, 2504-15	3.5	17
188	An implantable PIFA antenna with a J-shaped proximity feed for RFID telemetry **2013**,		3

187	Aspirin is associated with lower melanoma risk among postmenopausal Caucasian women: the Women's Health Initiative. *Cancer*, **2013**, 119, 3737	6.4	1
186	Acute intermittent hypoxia induced neural plasticity in respiratory motor control. *Clinical and Experimental Pharmacology and Physiology*, **2013**, 40, 602-9	3	20
185	Making a telemetry system implantable: Challenges and opportunities in antenna design **2013**,		1
184	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	3.7	14
183	Expiratory-modulated laryngeal motoneurons exhibit a hyperpolarization preceding depolarization during superior laryngeal nerve stimulation in the in vivo adult rat. *Brain Research*, **2012**, 1445, 52-61	3.7	7
182	Brainstem galanin-synthesizing neurons are differentially activated by chemoreceptor stimuli and represent a subpopulation of respiratory neurons. *Journal of Comparative Neurology*, **2012**, 520, 154-73	3.4	19
181	Catestatin has an unexpected effect on the intrathecal actions of PACAP dramatically reducing blood pressure. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2012**, 303, R719-26	3.2	5
180	A miniaturized implantable PIFA antenna for indoor wireless telemetry **2012**,		3
179	Interaction of medullary P2 and glutamate receptors mediates the vasodilation in the hindlimb of rat. *Purinergic Signalling*, **2012**, 8, 715-28	3.8	2
178	Design of an implantable antenna to acquire physiological signals in rats **2012**,		5
177	Bandwidth enhancement of an implantable RFID tag antenna at 900 MHz ISM band for RF telemetry **2012**,		4
176	Orexin A in rat rostral ventrolateral medulla is pressor, sympatho-excitatory, increases barosensitivity and attenuates the somato-sympathetic reflex. *British Journal of Pharmacology*, **2012**, 165, 2292-303	8.6	63
175	Intrathecal neurotensin is hypotensive, sympathoinhibitory and enhances the baroreflex in anaesthetized rat. *British Journal of Pharmacology*, **2012**, 166, 378-89	8.6	16
174	Vasostatin I (CgA17-76) vasoconstricts rat splanchnic vascular bed but does not affect central cardiovascular function. *Autonomic Neuroscience: Basic and Clinical*, **2012**, 166, 22-8	2.4	4
173	Noxious somatic stimuli diminish respiratory-sympathetic coupling by selective resetting of the respiratory rhythm in anaesthetized rats. *Experimental Physiology*, **2012**, 97, 1093-104	2.4	3
172	Activation of PAC(1) and VPAC receptor subtypes elicits differential physiological responses from sympathetic preganglionic neurons in the anaesthetized rat. *British Journal of Pharmacology*, **2012**, 167, 1089-98	8.6	12
171	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, 1144-56	3.7	16
170	Intrathecal melanin-concentrating hormone reduces sympathetic tone and blocks cardiovascular reflexes. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2012**, 303, R624-32	3.2	8

169	PACAP causes PAC1/VPAC2 receptor mediated hypertension and sympathoexcitation in normal and hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 303, H910-7	5.2	32
168	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, R365-72	3.2	22
167	Orexin and central regulation of cardiorespiratory system. *Vitamins and Hormones*, **2012**, 89, 159-84	2.5	28
166	Differential cardiorespiratory and sympathetic reflex responses to microinjection of neuromedin U in rat rostral ventrolateral medulla. *Journal of Pharmacology and Experimental Therapeutics*, **2012**, 341, 213-24	4.7	6
165	Activation of the mammalian cells by using light-sensitive ion channels. *Methods in Molecular Biology*, **2012**, 875, 241-51	1.4	1
164	Intermittent activation of peripheral renin-angiotensin system (RAS) elicits sympathetic long term facilitation (LTF). *FASEB Journal*, **2012**, 26, 703.12	0.9	
163	PACAP causes long-term increases in sympathetic nerve activity and is necessary for the sympathetic response to acute intermittent hypoxia. *FASEB Journal*, **2012**, 26, 891.6	0.9	
162	Sex differences in the expression of serotonin-synthesizing enzymes in mouse trigeminal ganglia. *Neuroscience*, **2011**, 199, 429-37	3.9	11
161	Intrathecal orexin A increases sympathetic outflow and respiratory drive, enhances baroreflex sensitivity and blocks the somato-sympathetic reflex. *British Journal of Pharmacology*, **2011**, 162, 961-73	8.6	55
160	Intrathecal neuromedin U induces biphasic effects on sympathetic vasomotor tone, increases respiratory drive and attenuates sympathetic reflexes in rat. *British Journal of Pharmacology*, **2011**, 164, 617-31	8.6	11
159	The temporal relationship between non-respiratory burst activity of expiratory laryngeal motoneurons and phrenic apnoea during stimulation of the superior laryngeal nerve in rat. *Journal of Physiology*, **2011**, 589, 1819-30	3.9	24
158	Substance P, tyrosine hydroxylase and serotonin terminals in the rat caudal nucleus ambiguus. *Respiratory Physiology and Neurobiology*, **2011**, 178, 337-40	2.8	6
157	Asymmetrical changes in lumbar sympathetic nerve activity following stimulation of the sciatic nerve in rat. *Brain Research*, **2011**, 1391, 60-70	3.7	10
156	Neuronal mechanisms underlying the laryngeal adductor reflex. *Annals of Otology, Rhinology and Laryngology*, **2011**, 120, 755-60	2.1	14
155	Effects of rat skin on the resonance frequency: An experiment with a commercial antenna for an implanted telemetry system **2011**,		1
154	Intrathecal bombesin is sympathoexcitatory and pressor in rat. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 301, R1486-94	3.2	5
153	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, H214-22	5.2	23
152	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, H2300-7	5.2	25

151	Acute intermittent hypoxia in rat in vivo elicits a robust increase in tonic sympathetic nerve activity that is independent of respiratory drive. *Journal of Physiology*, **2010**, 588, 3075-88	3.9	54
150	Respiration-Related Laryngeal Electromyography in Children with Bilateral Vocal Fold Paralysis. *Annals of Otology, Rhinology and Laryngology*, **2010**, 119, 791-795	2.1	
149	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, R1538-45	3.2	26
148	Somatostatin selectively ablates post-inspiratory activity after injection into the BÖzinger complex. *Neuroscience*, **2010**, 167, 528-39	3.9	43
147	The role of PACAP in central cardiorespiratory regulation. *Respiratory Physiology and Neurobiology*, **2010**, 174, 65-75	2.8	21
146	The effects of baroreceptor stimulation on central respiratory drive: a review. *Respiratory Physiology and Neurobiology*, **2010**, 174, 37-42	2.8	21
145	Cholinergic inputs to laryngeal motoneurons functionally identified in vivo in rat: a combined electrophysiological and microscopic study. *Journal of Comparative Neurology*, **2010**, 518, 4903-16	3.4	14
144	The generation of post-inspiratory activity in laryngeal motoneurons: a review. *Advances in Experimental Medicine and Biology*, **2010**, 669, 143-9	3.6	9
143	Respiration-Related Laryngeal Electromyography in Children with Bilateral Vocal Fold Paralysis. *Annals of Otology, Rhinology and Laryngology*, **2009**, 118, 791-795	2.1	11
142	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, R1019-26	3.2	27
141	Differential regulation of the central neural cardiorespiratory system by metabotropic neurotransmitters. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2009**, 364, 2537-52	5.8	49
140	Effects of baroreceptor activation on respiratory variability in rat. *Respiratory Physiology and Neurobiology*, **2009**, 166, 80-6	2.8	27
139	Galanin microinjection into the PreBÖzinger or the BÖzinger Complex terminates central inspiratory activity and reduces responses to hypoxia and hypercapnia in rat. *Respiratory Physiology and Neurobiology*, **2009**, 167, 299-306	2.8	18
138	Catestatin attenuates the effects of intrathecal nicotine and isoproterenol. *Brain Research*, **2009**, 1305, 86-95	3.7	19
137	Neuropeptides and the Central Neural Regulation of the Cardiorespiratory System. *Tzu Chi Medical Journal*, **2009**, 21, 99-102	1.1	2
136	Galanin is a selective marker of the retrotrapezoid nucleus in rats. *Journal of Comparative Neurology*, **2009**, 512, 373-83	3.4	40
135	Every breath you take: why sympathetic nerve activity comes in bursts. *Journal of Physiology*, **2009**, 587, 297	3.9	2
134	Local anaesthetics for acute reversible blockade of the sympathetic baroreceptor reflex in the rat. *Journal of Neuroscience Methods*, **2009**, 179, 58-62	3	5

133	Differential muscarinic receptor gene expression levels in the ventral medulla of spontaneously hypertensive and Wistar-Kyoto rats: role in sympathetic baroreflex function. *Journal of Hypertension*, **2009**, 27, 1001-8	1.9	12
132	Metabotropic neurotransmission and integration of sympathetic nerve activity by the rostral ventrolateral medulla in the rat. *Clinical and Experimental Pharmacology and Physiology*, **2008**, 35, 508-11	3	20
131	Control of sympathetic, respiratory and somatomotor outflow by an intraspinal pattern generator. *Clinical and Experimental Pharmacology and Physiology*, **2008**, 35, 447-53	3	13
130	Retrograde projections to a discrete apneic site in the midline medulla oblongata of the rat. *Brain Research*, **2008**, 1208, 128-36	3.7	28
129	Somatic nerve stimulation evokes qualitatively different somatosympathetic responses in the cervical and splanchnic sympathetic nerves in the rat. *Brain Research*, **2008**, 1217, 139-47	3.7	23
128	Neurochemical phenotypes of cardiorespiratory neurons. *Respiratory Physiology and Neurobiology*, **2008**, 164, 12-7	2.8	2
127	Significance of multiple neurochemicals that regulate respiration. *Advances in Experimental Medicine and Biology*, **2008**, 605, 268-73	3.6	1
126	GABA A mediated inhibition and post-inspiratory pattern of laryngeal constrictor motoneurons in rat. *Respiratory Physiology and Neurobiology*, **2008**, 162, 41-7	2.8	20
125	Neuropeptide Y in the rostral ventrolateral medulla blocks somatosympathetic reflexes in anesthetized rats. *Autonomic Neuroscience: Basic and Clinical*, **2008**, 142, 64-70	2.4	15
124	Somatostatin 2A receptor-expressing presympathetic neurons in the rostral ventrolateral medulla maintain blood pressure. *Hypertension*, **2008**, 52, 1127-33	8.5	41
123	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, R1304-11	3.2	56
122	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, H474-80	5.2	27
121	Monosynaptic excitatory connection from the rostral ventrolateral medulla to sympathetic preganglionic neurons revealed by simultaneous recordings. *Hypertension Research*, **2008**, 31, 1445-54	4.7	33
120	Circulating angiotensin II attenuates the sympathetic baroreflex by reducing the barosensitivity of medullary cardiovascular neurones in the rat. *Journal of Physiology*, **2007**, 582, 711-22	3.9	30
119	Central command regulation of circulatory function mediated by descending pontine cholinergic inputs to sympathoexcitatory rostral ventrolateral medulla neurons. *Circulation Research*, **2007**, 100, 284-91	15.7	64
118	A monosynaptic connection between baroinhibited neurons in the RVLM and IML in Sprague-Dawley rats. *Brain Research*, **2006**, 1089, 153-61	3.7	15
117	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, 5420-7	6.6	32
116	An aldosterone-related system in the ventrolateral medulla oblongata of spontaneously hypertensive and Wistar-Kyoto rats. *Clinical and Experimental Pharmacology and Physiology*, **2006**, 33, 71-5	3	8

115	Upregulation of angiotensin AT1 receptor and intracellular kinase gene expression in hypertensive rats. *Clinical and Experimental Pharmacology and Physiology*, **2006**, 33, 690-5	3	59
114	Phosphorylated extracellular signal-regulated kinase 1/2 immunoreactivity identifies a novel subpopulation of sympathetic preganglionic neurons. *Neuroscience*, **2005**, 133, 583-90	3.9	14
113	Pre-protachykinin A mRNA is colocalized with tyrosine hydroxylase-immunoreactivity in bulbospinal neurons. *Neuroscience*, **2005**, 136, 205-16	3.9	44
112	Response of laryngeal motoneurons to hyperventilation induced apnea in the rat. *Respiratory Physiology and Neurobiology*, **2005**, 146, 155-63	2.8	10
111	Hypotension and short-term anaesthesia induce ERK1/2 phosphorylation in autonomic nuclei of the brainstem. *European Journal of Neuroscience*, **2005**, 22, 2257-70	3.5	32
110	Serotonin inputs to laryngeal constrictor motoneurons in the rat. *Laryngoscope*, **2005**, 115, 105-9	3.6	20
109	Angiotensin II evokes hypotension and renal sympathoinhibition from a highly restricted region in the nucleus tractus solitarii. *Brain Research*, **2005**, 1036, 70-6	3.7	22
108	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, R1707-15	3.2	28
107	Impaired cardiac and sympathetic autonomic control in rats differing in acetylcholine receptor sensitivity. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H1985-92	5.2	27
106	Congenital bilateral vocal cord paralysis and the role of glycine. *Annals of Otology, Rhinology and Laryngology*, **2005**, 114, 494-8	2.1	13
105	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, R411-21	3.2	24
104	Neurotransmission in central cardiovascular control: 10 suggestions for microinjections. *Hypertension*, **2004**, 43, 945-6	8.5	1
103	Hypercapnia selectively attenuates the somato-sympathetic reflex. *Respiratory Physiology and Neurobiology*, **2004**, 140, 133-43	2.8	20
102	Serotonin Neurons in the Brainstem and Spinal Cord: Diverse Projections and Multiple Functions **2004**, 219-244		
101	A novel method for marking microinjection sites using methylene blue and diaminobenzidine. *Journal of Neuroscience Methods*, **2003**, 124, 207-11	3	4
100	Journal impact factors and research submission pressures. *ANZ Journal of Surgery*, **2003**, 73, 93-4	1	8
99	Cannabinoid receptor activation in the rostral ventrolateral medulla oblongata evokes cardiorespiratory effects in anaesthetised rats. *British Journal of Pharmacology*, **2003**, 140, 384-94	8.6	52
98	Effect of haemorrhage on the expression of neurotransmitter-related genes in rat ventrolateral medulla: a quantitative real-time RT-PCR study. *Molecular Brain Research*, **2003**, 114, 46-54		11

97	Maintenance of sympathetic tone by a nickel chloride-sensitive mechanism in the rostral ventrolateral medulla of the adult rat. *Neuroscience*, **2003**, 116, 455-64	3.9	17
96	Presynaptic delta opioid receptors differentially modulate rhythm and pattern generation in the ventral respiratory group of the rat. *Neuroscience*, **2003**, 121, 959-73	3.9	28
95	Substance P inputs to laryngeal motoneurons in the rat. *Respiratory Physiology and Neurobiology*, **2003**, 137, 11-8	2.8	15
94	Mu opioid receptors in rat ventral medulla: effects of endomorphin-1 on phrenic nerve activity. *Respiratory Physiology and Neurobiology*, **2003**, 138, 165-78	2.8	43
93	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	3.7	40
92	Lateralisation of projections from the rostral ventrolateral medulla to sympathetic preganglionic neurons in the rat. *Brain Research*, **2002**, 929, 181-90	3.7	24
91	Serotonin inputs to inspiratory laryngeal motoneurons in the rat. *Journal of Comparative Neurology*, **2002**, 451, 91-8	3.4	36
90	Catecholamine-related gene expression correlates with blood pressures in SHR. *Hypertension*, **2002**, 40, 342-7	8.5	60
89	Baroreceptor reflex pathways and neurotransmitters: 10 years on. *Journal of Hypertension*, **2002**, 20, 1675-88	1.9	232
88	Central mechanisms of cardiovascular control □ cellular, molecular and integrative aspects. *Autonomic Neuroscience: Basic and Clinical*, **2002**, 98, 1	2.4	2
87	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	2.4	34
86	Site-specific effects of apelin-13 in the rat medulla oblongata on arterial pressure and respiration. *Autonomic Neuroscience: Basic and Clinical*, **2002**, 101, 32-8	2.4	65
85	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, 133-44	3.9	56
84	NK1 receptor and the ventral medulla of the rat: bulbospinal and catecholaminergic neurons. *NeuroReport*, **2001**, 12, 3663-7	1.7	24
83	Differential expression of catecholamine biosynthetic enzymes in the rat ventrolateral medulla. *Journal of Comparative Neurology*, **2001**, 432, 20-34	3.4	80
82	Mu-opioid receptors are present in functionally identified sympathoexcitatory neurons in the rat rostral ventrolateral medulla. *Journal of Comparative Neurology*, **2001**, 433, 34-47	3.4	35
81	Identifying neurons in the preB□zinger complex that generate respiratory rhythm: visualizing the ghost in the machine. *Journal of Comparative Neurology*, **2001**, 434, 125-7	3.4	16
80	Differential expression of catecholamine synthetic enzymes in the caudal ventral pons. *Journal of Comparative Neurology*, **2001**, 438, 457-67	3.4	11

79	Firing patterns of pre-Bötzinger and Bötzinger neurons during hypocapnia in the adult rat. *Brain Research*, **2001**, 903, 198-206	3.7	18
78	Differential role of kinases in brain stem of hypertensive and normotensive rats. *Hypertension*, **2001**, 38, 1087-92	8.5	68
77	Rostral ventral medulla 5-HT1A receptors selectively inhibit the somatosympathetic reflex. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2001**, 280, R1261-8	3.2	29
76	Delta opioid receptor immunoreactive boutons appose bulbospinal CI neurons in the rat. *NeuroReport*, **2000**, 11, 887-91	1.7	15
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