# Patrice G Guyenet

List of Publications by Year
in descending order



| 172 | 17,071 | 10650 74 | 18944 123 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 183 | 183 | 183 | 9070 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Rostral ventrolateral medulla, retropontine region and autonomic regulations. Autonomic Neuroscience: Basic and Clinical, 2022, 237, 102922. | 1.4 | 14 |
| 2 | Respiratory alkalosis provokes spike-wave discharges in seizure-prone rats. ELife, 2022, 11, . | 2.8 | 11 |
| 3 | Adrenergic C1 neurons monitor arterial blood pressure and determine the sympathetic response to hemorrhage. Cell Reports, 2022, 38, 110480. | 2.9 | 12 |
| 4 | A brainstem peptide system activated at birth protects postnatal breathing. Nature, 2021, 589, 426-430. | 13.7 | 31 |
| 5 | Silent hypoxaemia in COVIDâ€19 patients. Journal of Physiology, 2021, 599, 1057-1065. | 1.3 | 64 |
| 6 | Vagus nerve stimulation activates two distinct neuroimmune circuits converging in the spleen to protect mice from kidney injury. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 3.3 | 55 |
| 7 | The dynamic activity of C1 neurons determines the level of blood pressure during hemorrhage in freely behaving rats. FASEB Journal, 2021, 35, . | 0.2 | 0 |
| 8 | Neuroprosthetic device maintains blood pressure after spinal cord injury. Nature, 2021, 590, 223-224. | 13.7 | 2 |
| 9 | Differential Contribution of the Retrotrapezoid Nucleus and C1 Neurons to Active Expiration and Arousal in Rats. Journal of Neuroscience, 2020, 40, 8683-8697. | 1.7 | 29 |
| 10 | Neuronal Networks in Hypertension. Hypertension, 2020, 76, 300-311. | 1.3 | 54 |
| 11 | Contribution of the Retrotrapezoid Nucleus and Carotid Bodies to Hypercapnia- and Hypoxia-induced Arousal from Sleep. Journal of Neuroscience, 2019, 39, 9725-9737. | 1.7 | 30 |
| 12 | The Retrotrapezoid Nucleus: Central Chemoreceptor and Regulator of Breathing Automaticity. Trends in Neurosciences, 2019, 42, 807-824. | 4.2 | 129 |
| 13 | Sodium Is Detected by the OVLT to Regulate Sympathetic Tone. Neuron, 2019, 101, 3-5. | 3.8 | 4 |
| 14 | Contribution of retrotrapezoid nucleus and carotid bodies to asphyxiaâ€induced arousal in rats. FASEB Journal, 2019, 33, 733.6. | 0.2 | 1 |
| 15 | Breathing regulation and blood gas homeostasis after near complete lesions of the retrotrapezoid nucleus in adult rats. Journal of Physiology, 2018, 596, 2521-2545. | 1.3 | 47 |
| 16 | C1 neurons: a nodal point for stress?. Experimental Physiology, 2018, 103, 332-336. | 0.9 | 28 |
| 17 | Interdependent feedback regulation of breathing by the carotid bodies and the retrotrapezoid nucleus. Journal of Physiology, 2018, 596, 3029-3042. | 1.3 | 40 |
| 18 | Rostral Ventrolateral Medulla and Hypertension. Hypertension, 2018, 72, 559-566. | 1.3 | 53 |

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| 19 | Ablation of neuromedin B (NMB)â€expressing neurons located within retrotrapezoid nucleus (RTN) reduces the central respiratory chemoreflex (CRC) selectively in conscious rats. FASEB Journal, 2018, 32, 894.10. | 0.2 | 0 |
| 20 | Putative Mechanism of Salt-Dependent Neurogenic Hypertension. Hypertension, 2017, 69, 20-22. | 1.3 | 8 |
| 21 | Blood Pressure Regulation by the Rostral Ventrolateral Medulla in Conscious Rats: Effects of Hypoxia, Hypercapnia, Baroreceptor Denervation, and Anesthesia. Journal of Neuroscience, 2017, 37, 4565-4583. | 1.7 | 57 |
| 22 | C1 neurons mediate a stress-induced anti-inflammatory reflex in mice. Nature Neuroscience, 2017, 20, 700-707. | 7.1 | 142 |
| 23 | Neuromedin B Expression Defines the Mouse Retrotrapezoid Nucleus. Journal of Neuroscience, 2017, 37, 11744-11757. | 1.7 | 61 |
| 24 | Central Network Dynamics Regulating Visceral and Humoral Functions. Journal of Neuroscience, 2017, 37, 10848-10854. | 1.7 | 8 |
| 25 | Vagus nerve stimulation mediates protection from kidney ischemia-reperfusion injury through Î±7nAChR+ splenocytes. Journal of Clinical Investigation, 2016, 126, 1939-1952. | 3.9 | 225 |
| 26 | Proton detection and breathing regulation by the retrotrapezoid nucleus. Journal of Physiology, 2016, 594, 1529-1551. | 1.3 | 73 |
| 27 | Nalcn Is a "Leak" Sodium Channel That Regulates Excitability of Brainstem Chemosensory Neurons and Breathing. Journal of Neuroscience, 2016, 36, 8174-8187. | 1.7 | 66 |
| 28 | Is plasticity within the retrotrapezoid nucleus responsible for the recovery of the setâ€point after carotid body denervation in rats?. Journal of Physiology, 2016, 594, 3371-3390. | 1.3 | 16 |
| 29 | Sciatic nerve stimulation activates the retrotrapezoid nucleus in anesthetized rats. Journal of Neurophysiology, 2016, 116, 2081-2092. | 0.9 | 16 |
| 30 | Afferent and efferent connections of C1 cells with spinal cord or hypothalamic projections in mice. Brain Structure and Function, 2016, 221, 4027-4044. | 1.2 | 36 |
| 31 | Stateâ€dependent control of breathing by the retrotrapezoid nucleus. Journal of Physiology, 2015, 593, 2909-2926. | 1.3 | 72 |
| 32 | The retrotrapezoid nucleus stimulates breathing by releasing glutamate in adult conscious mice. European Journal of Neuroscience, 2015, 42, 2271-2282. | 1.2 | 31 |
| 33 | Regulation of breathing by CO <sub>2</sub> requires the proton-activated receptor GPR4 in retrotrapezoid nucleus neurons. Science, 2015, 348, 1255-1260. | 6.0 | 190 |
| 34 | Hypoxia Silences Retrotrapezoid Nucleus Respiratory Chemoreceptors via Alkalosis. Journal of Neuroscience, 2015, 35, 527-543. | 1.7 | 60 |
| 35 | Selective optogenetic stimulation of the retrotrapezoid nucleus in sleeping rats activates breathing without changing blood pressure or causing arousal or sighs. Journal of Applied Physiology, 2015, 118, 1491-1501. | 1.2 | 29 |
| 36 | Neural Control of Breathing and CO2 Homeostasis. Neuron, 2015, 87, 946-961. | 3.8 | 340 |

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| 37 | Regulation of Breathing and Autonomic Outflows by Chemoreceptors. , 2014, 4, 1511-1562. | | 248 |
| 38 | The orexinergic neurons receive synaptic input from C1 cells in rats. Journal of Comparative Neurology, 2014, 522, 3834-3846. | 0.9 | 39 |
| 39 | Vesicular glutamate transporter 2 is required for the respiratory and parasympathetic activation produced by optogenetic stimulation of catecholaminergic neurons in the rostral ventrolateral medulla of mice in vivo. European Journal of Neuroscience, 2014, 39, 98-106. | 1.2 | 35 |
| 40 | Optogenetic Stimulation of Adrenergic C1 Neurons Causes Sleep Stateâ€“Dependent Cardiorespiratory Stimulation and Arousal with Sighs in Rats. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1301-1310. | 2.5 | 77 |
| 41 | Cholinergic neurons in the mouse rostral ventrolateral medulla target sensory afferent areas. Brain Structure and Function, 2013, 218, 455-475. | 1.2 | 53 |
| 42 | Chemoreception and asphyxia-induced arousal. Respiratory Physiology and Neurobiology, 2013, 188, 333-343. | 0.7 | 36 |
| 43 | The respiratory chemoreception conundrum: Light at the end of the tunnel?. Brain Research, 2013, 1511, 126-137. | 1.1 | 26 |
| 44 | Phox2b-Expressing Retrotrapezoid Neurons Are Intrinsically Responsive to H<sup>+</sup>and CO<sub>2</sub>. Journal of Neuroscience, 2013, 33, 7756-7761. | 1.7 | 86 |
| 45 | Selective Optogenetic Activation of Rostral Ventrolateral Medullary Catecholaminergic Neurons Produces Cardiorespiratory Stimulation in Conscious Mice. Journal of Neuroscience, 2013, 33, 3164-3177. | 1.7 | 95 |
| 46 | Monosynaptic Glutamatergic Activation of Locus Coeruleus and Other Lower Brainstem Noradrenergic Neurons by the C1 Cells in Mice. Journal of Neuroscience, 2013, 33, 18792-18805. | 1.7 | 50 |
| 47 | C1 neurons: the body's EMTs. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R187-R204. | 0.9 | 219 |
| 48 | Optogenetic Stimulation of C1 and Retrotrapezoid Nucleus Neurons Causes Sleep Stateâ€“Dependent Cardiorespiratory Stimulation and Arousal in Rats. Hypertension, 2013, 61, 835-841. | 1.3 | 53 |
| 49 | Glutamatergic Neurotransmission between the C1 Neurons and the Parasympathetic Preganglionic Neurons of the Dorsal Motor Nucleus of the Vagus. Journal of Neuroscience, 2013, 33, 1486-1497. | 1.7 | 54 |
| 50 | TASK-2 Channels Contribute to pH Sensitivity of Retrotrapezoid Nucleus Chemoreceptor Neurons. Journal of Neuroscience, 2013, 33, 16033-16044. | 1.7 | 98 |
| 51 | Wild-type microglia arrest pathology in a mouse model of Rett syndrome. Nature, 2012, 484, 105-109. | 13.7 | 547 |
| 52 | Preâ€BÃ¶tzinger complex receives glutamatergic innervation from galaninergic and other retrotrapezoid nucleus neurons. Journal of Comparative Neurology, 2012, 520, 1047-1061. | 0.9 | 86 |
| 53 | The Retrotrapezoid Nucleus and Breathing. Advances in Experimental Medicine and Biology, 2012, 758, 115-122. | 0.8 | 42 |
| 54 | Optogenetic stimulation of C1 neurons activates breathing in mice. FASEB Journal, 2012, 26, . | 0.2 | 0 |

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| 55 | Regulation of visceral sympathetic tone by A5 noradrenergic neurons in rodents. Journal of Physiology, 2011, 589, 903-917. | 1.3 | 41 |
| 56 | Orexin A activates retrotrapezoid neurons in mice. Respiratory Physiology and Neurobiology, 2011, 175, 283-287. | 0.7 | 52 |
| 57 | Control of Breathing by Raphe Obscurus Serotonergic Neurons in Mice. Journal of Neuroscience, 2011, 31, 1981-1990. | 1.7 | 140 |
| 58 | Phox2b-Expressing Neurons of the Parafacial Region Regulate Breathing Rate, Inspiration, and Expiration in Conscious Rats. Journal of Neuroscience, 2011, 31, 16410-16422. | 1.7 | 113 |
| 59 | Cardiorespiratory Integration. , 2011, , 180-201. | | 5 |
| 60 | Retrotrapezoid nucleus and parafacial respiratory group. Respiratory Physiology and Neurobiology, 2010, 173, 244-255. | 0.7 | 85 |
| 61 | Central respiratory chemoreception. Journal of Comparative Neurology, 2010, 518, 3883-3906. | 0.9 | 199 |
| 62 | Anesthetic Activation of Central Respiratory Chemoreceptor Neurons Involves Inhibition of a THIK-1-Like Background K+ Current. Journal of Neuroscience, 2010, 30, 9324-9334. | 1.7 | 67 |
| 63 | Photostimulation of Phox2b Medullary Neurons Activates Cardiorespiratory Function in Conscious Rats. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1184-1194. | 2.5 | 80 |
| 64 | Central CO<sub>2</sub> chemoreception and integrated neural mechanisms of cardiovascular and respiratory control. Journal of Applied Physiology, 2010, 108, 995-1002. | 1.2 | 109 |
| 65 | Photostimulation of Retrotrapezoid Nucleus Phox2b-Expressing NeuronsIn VivoProduces Long-Lasting Activation of Breathing in Rats. Journal of Neuroscience, 2009, 29, 5806-5819. | 1.7 | 188 |
| 66 | Commentaries on Viewpoint: Central chemoreception is a complex system function that involves multiple brain stem sites. Journal of Applied Physiology, 2009, 106, 1467-1470. | 1.2 | 6 |
| 67 | Retrotrapezoid nucleus, respiratory chemosensitivity and breathing automaticity. Respiratory Physiology and Neurobiology, 2009, 168, 59-68. | 0.7 | 87 |
| 68 | Galanin is a selective marker of the retrotrapezoid nucleus in rats. Journal of Comparative Neurology, 2009, 512, 373-383. | 0.9 | 49 |
| 69 | Location and properties of respiratory neurones with putative intrinsic bursting properties in the rat in situ. Journal of Physiology, 2009, 587, 3175-3188. | 1.3 | 33 |
| 70 | Activation of the retrotrapezoid nucleus by posterior hypothalamic stimulation. Journal of Physiology, 2009, 587, 5121-5138. | 1.3 | 50 |
| 71 | Photostimulation of channelrhodopsinâ€2 expressing ventrolateral medullary neurons increases sympathetic nerve activity and blood pressure in rats. Journal of Physiology, 2009, 587, 5613-5631. | 1.3 | 101 |
| 72 | Acid sensitivity and ultrastructure of the retrotrapezoid nucleus in Phox2bâ€EGFP transgenic mice. Journal of Comparative Neurology, 2009, 517, 69-86. | 0.9 | 115 |

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| 73 | Retrotrapezoid nucleus and central chemoreception. Journal of Physiology, 2008, 586, 2043-2048. | 1.3 | 131 |
| 74 | Selective lesion of retrotrapezoid Phox2bâ€expressing neurons raises the apnoeic threshold in rats. Journal of Physiology, 2008, 586, 2975-2991. | 1.3 | 119 |
| 75 | The Retrotrapezoid Nucleus and Central Chemoreception. Advances in Experimental Medicine and Biology, 2008, 605, 327-332. | 0.8 | 32 |
| 76 | BÃ¶tzinger Expiratory-Augmenting Neurons and the Parafacial Respiratory Group. Journal of Neuroscience, 2008, 28, 2506-2515. | 1.7 | 78 |
| 77 | The 2008 Carl Ludwig Lecture: retrotrapezoid nucleus, CO<sub>2</sub> homeostasis, and breathing automaticity. Journal of Applied Physiology, 2008, 105, 404-416. | 1.2 | 136 |
| 78 | TASK Channels Determine pH Sensitivity in Select Respiratory Neurons But Do Not Contribute to Central Respiratory Chemosensitivity. Journal of Neuroscience, 2007, 27, 14049-14058. | 1.7 | 167 |
| 79 | Serotonergic Neurons Activate Chemosensitive Retrotrapezoid Nucleus Neurons by a pH-Independent Mechanism. Journal of Neuroscience, 2007, 27, 14128-14138. | 1.7 | 127 |
| 80 | Transneuronal mapping of the CNS network controlling sympathetic outflow to the rat thymus. Autonomic Neuroscience: Basic and Clinical, 2007, 131, 9-20. | 1.4 | 38 |
| 81 | GABAergic Pump Cells of Solitary Tract Nucleus Innervate Retrotrapezoid Nucleus Chemoreceptors. Journal of Neurophysiology, 2007, 98, 374-381. | 0.9 | 41 |
| 82 | Activation of 5-Hydroxytryptamine Type 3 Receptor-Expressing C-Fiber Vagal Afferents Inhibits Retrotrapezoid Nucleus Chemoreceptors in Rats. Journal of Neurophysiology, 2007, 98, 3627-3637. | 0.9 | 30 |
| 83 | Inhibitory input from slowly adapting lung stretch receptors to retrotrapezoid nucleus chemoreceptors. Journal of Physiology, 2007, 580, 285-300. | 1.3 | 66 |
| 84 | The sympathetic control of blood pressure. Nature Reviews Neuroscience, 2006, 7, 335-346. | 4.9 | 1,535 |
| 85 | Peripheral chemoreceptor inputs to retrotrapezoid nucleus (RTN) CO2-sensitive neurons in rats. Journal of Physiology, 2006, 572, 503-523. | 1.3 | 273 |
| 86 | Central chemoreceptors and sympathetic vasomotor outflow. Journal of Physiology, 2006, 577, 369-386. | 1.3 | 119 |
| 87 | Water deprivation activates a glutamatergic projection from the hypothalamic paraventricular nucleus to the rostral ventrolateral medulla. Journal of Comparative Neurology, 2006, 494, 673-685. | 0.9 | 117 |
| 88 | Afferent and efferent connections of the rat retrotrapezoid nucleus. Journal of Comparative Neurology, 2006, 499, 64-89. | 0.9 | 224 |
| 89 | Expression of Phox2b by Brainstem Neurons Involved in Chemosensory Integration in the Adult Rat. Journal of Neuroscience, 2006, 26, 10305-10314. | 1.7 | 311 |
| 90 | Purinergic P2 Receptors Modulate Excitability But Do Not Mediate pH Sensitivity of RTN Respiratory Chemoreceptors. Journal of Neuroscience, 2006, 26, 7230-7233. | 1.7 | 71 |

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| 91 | Peripheral chemoreceptor inputs to retrotrapezoid nucleus (RTN) chemoreceptor neurons. FASEB Journal, 2006, 20, A788. | 0.2 | 0 |
| 92 | Re: Retrotrapezoid nucleus: a litmus test for the identification of central chemoreceptors. Experimental Physiology, 2005, 90, 253-257. | 0.9 | 102 |
| 93 | Re: Homing in on the specific phenotype(s) of central respiratory chemoreceptors. Experimental Physiology, 2005, 90, 266-268. | 0.9 | 0 |
| 94 | Coexpression of vesicular glutamate transporter-3 and Î³-aminobutyric acidergic markers in rat rostral medullary raphe and intermediolateral cell column. Journal of Comparative Neurology, 2005, 492, 477-494. | 0.9 | 75 |
| 95 | Regulation of Ventral Surface Chemoreceptors by the Central Respiratory Pattern Generator. Journal of Neuroscience, 2005, 25, 8938-8947. | 1.7 | 159 |
| 96 | Re: Homing in on the specific phenotype(s) of central respiratory chemoreceptors. Experimental Physiology, 2005, 90, 266-268. | 0.9 | 10 |
| 97 | Authors' response to G. B. Richerson's commentary. Experimental Physiology, 2005, 90, 257-257. | 0.9 | 0 |
| 98 | Respiratory control by ventral surface chemoreceptor neurons in rats. Nature Neuroscience, 2004, 7, 1360-1369. | 7.1 | 486 |
| 99 | Glutamatergic neuronal projections from the marginal layer of the rostral ventral medulla to the respiratory centers in rats. Journal of Comparative Neurology, 2004, 473, 73-85. | 0.9 | 56 |
| 100 | GABAergic and glycinergic presympathetic neurons of rat medulla oblongata identified by retrograde transport of pseudorabies virus and in situ hybridization. Journal of Comparative Neurology, 2004, 479, 257-270. | 0.9 | 68 |
| 101 | Detection of amino acid and peptide transmitters in physiologically identified brainstem cardiorespiratory neurons. Autonomic Neuroscience: Basic and Clinical, 2004, 114, 1-10. | 1.4 | 22 |
| 102 | Inspiratory augmenting bulbospinal neurons express both glutamatergic and enkephalinergic phenotypes. Journal of Comparative Neurology, 2003, 455, 113-124. | 0.9 | 73 |
| 103 | A group of glutamatergic interneurons expressing high levels of both neurokinin-1 receptors and somatostatin identifies the region of the pre-BÃ¶tzinger complex. Journal of Comparative Neurology, 2003, 455, 499-512. | 0.9 | 197 |
| 104 | Fos expression by glutamatergic neurons of the solitary tract nucleus after phenylephrine-induced hypertension in rats. Journal of Comparative Neurology, 2003, 460, 525-541. | 0.9 | 79 |
| 105 | Hypothalamic orexin (hypocretin) neurons express vesicular glutamate transporters VGLUT1 or VGLUT2. Journal of Comparative Neurology, 2003, 465, 593-603. | 0.9 | 221 |
| 106 | Cardiorespiratory neurons of the rat ventrolateral medulla contain TASK-1 and TASK-3 channel mRNA. Respiratory Physiology and Neurobiology, 2003, 138, 19-35. | 0.7 | 45 |
| 107 | Baro-Activated Neurons With Pulse-Modulated Activity in the Rat Caudal Ventrolateral Medulla Express GAD67 mRNA. Journal of Neurophysiology, 2003, 89, 1265-1277. | 0.9 | 78 |
| 108 | Neurokinin-1 Receptor-Expressing Cells of the Ventral Respiratory Group Are Functionally Heterogeneous and Predominantly Glutamatergic. Journal of Neuroscience, 2002, 22, 3806-3816. | 1.7 | 122 |

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| 109 | Depressor and Tachypneic Responses to Chemical Stimulation of the Ventral Respiratory Group Are Reduced by Ablation of Neurokinin-1 Receptor-Expressing Neurons. Journal of Neuroscience, 2002, 22, 3755-3764. | 1.7 | 79 |
| 110 | Serotonergic Raphe Neurons Express TASK Channel Transcripts and a TASK-Like pH- and Halothane-Sensitive K<sup>+</sup>Conductance. Journal of Neuroscience, 2002, 22, 1256-1265. | 1.7 | 144 |
| 111 | Vesicular glutamate transporter DNPI/VGLUT2 mRNA is present in C1 and several other groups of brainstem catecholaminergic neurons. Journal of Comparative Neurology, 2002, 444, 191-206. | 0.9 | 207 |
| 112 | Vesicular glutamate transporter DNPI/VGLUT2 is expressed by both C1 adrenergic and nonaminergic presympathetic vasomotor neurons of the rat medulla. Journal of Comparative Neurology, 2002, 444, 207-220. | 0.9 | 172 |
| 113 | Opioid Signalling In The Rat Rostral Ventrolateral Medulla. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 238-242. | 0.9 | 36 |
| 114 | The Baroreflex And Beyond: Control Of Sympathetic Vasomotor Tone By Gabaergic Neurons In The Ventrolateral Medulla. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 514-521. | 0.9 | 168 |
| 115 | Pre-BÃ¶tzinger Neurons With Preinspiratory Discharges â€œIn Vivoâ€•Express NK1 Receptors in the Rat. Journal of Neurophysiology, 2001, 86, 438-446. | 0.9 | 112 |
| 116 | ?-opioid receptors are present in functionally identified sympathoexcitatory neurons in the rat rostral ventrolateral medulla. Journal of Comparative Neurology, 2001, 433, 34-47. | 0.9 | 37 |
| 117 | Neurokinin-1 receptor-immunoreactive neurons of the ventral respiratory group in the rat. Journal of Comparative Neurology, 2001, 434, 128-146. | 0.9 | 208 |
| 118 | Preproenkephalin mRNA is expressed by C1 and non-C1 barosensitive bulbospinal neurons in the rostral ventrolateral medulla of the rat. Journal of Comparative Neurology, 2001, 435, 111-126. | 0.9 | 75 |
| 119 | Regulation of sympathetic tone and arterial pressure by rostral ventrolateral medulla after depletion of C1 cells in rat. Journal of Physiology, 2000, 529, 221-236. | 1.3 | 127 |
| 120 | Prototypical Imidazoline-1 Receptor Ligand Moxonidine Activates Alpha2-Adrenoceptors in Bulbospinal Neurons of the RVL. Journal of Neurophysiology, 2000, 83, 766-776. | 0.9 | 17 |
| 121 | Neural structures that mediate sympathoexcitation during hypoxia. Respiration Physiology, 2000, 121, 147-162. | 2.8 | 202 |
| 122 | Properties of C1 and other ventrolateral medullary neurones with hypothalamic projections in the rat. Journal of Physiology, 1999, 517, 477-494. | 1.3 | 118 |
| 123 | Distribution of glutamic acid decarboxylase mRNA-containing neurons in rat medulla projecting to thoracic spinal cord in relation to monoaminergic brainstem neurons. Journal of Comparative Neurology, 1999, 407, 367-380. | 0.9 | 132 |
| 124 | Evidence for glycinergic respiratory neurons: Bï¿½tzinger neurons express mRNA for glycinergic transporter 2. Journal of Comparative Neurology, 1999, 407, 583-597. | 0.9 | 131 |
| 125 | Location and electrophysiological characterization of rostral medullary adrenergic neurons that contain neuropeptide Y mRNA in rat medulla. , 1999, 415, 482-500. | | 93 |
| 126 | Distribution of glutamic acid decarboxylase mRNA-containing neurons in rat medulla projecting to thoracic spinal cord in relation to monoaminergic brainstem neurons. , 1999, 407, 367. | | 1 |

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| 127 | Antagonist precipitated clonidine withdrawal in rat: Effects on locus coeruleus neurons, sympathetic nerves and cardiovascular parameters. Journal of the Autonomic Nervous System, 1998, 71, 85-95. | 1.9 | 4 |
| 128 | Pre- and Postsynaptic Inhibitory Actions of Methionine-Enkephalin on Identified Bulbospinal Neurons of the Rat RVL. Journal of Neurophysiology, 1998, 80, 2003-2014. | 0.9 | 55 |
| 129 | Voltage-Dependent Calcium Currents in Bulbospinal Neurons of Neonatal Rat Rostral Ventrolateral Medulla: Modulation by Î±<sub>2</sub>-Adrenergic Receptors. Journal of Neurophysiology, 1998, 79, 583-594. | 0.9 | 40 |
| 130 | Atipamezole-precipitated clonidine withdrawal induces c-Fos expression in rat central nervous system. Brain Research, 1997, 764, 81-92. | 1.1 | 4 |
| 131 | Identification of C1 presympathetic neurons in rat rostral ventrolateral medulla by juxtacellular labeling in vivo. , 1997, 387, 524-536. | | 240 |
| 132 | Distribution of ?2A-adrenergic receptor-like immunoreactivity in the rat central nervous system. , 1996, 372, 111-134. | | 216 |
| 133 | Distribution of ?2C-adrenergic receptor-like immunoreactivity in the rat central nervous system. Journal of Comparative Neurology, 1996, 372, 135-165. | 0.9 | 266 |
| 134 | Chapter 8 Role of medulla oblongata in generation of sympathetic and vagal outflows. Progress in Brain Research, 1996, 107, 127-144. | 0.9 | 129 |
| 135 | Mechanism of the Hypotensive Action of Anandamide in Anesthetized Rats. Hypertension, 1996, 28, 682-686. | 1.3 | 132 |
| 136 | Angiotensin II Decreases a Resting K + Conductance in Rat Bulbospinal Neurons of the C1 Area. Circulation Research, 1996, 78, 274-282. | 2.0 | 74 |
| 137 | Effects of morphine and morphine withdrawal on adrenergic neurons of the rat rostral ventrolateral medulla. Brain Research, 1995, 676, 245-257. | 1.1 | 60 |
| 138 | Sympatholytic effect of clonidine depends on the respiratory phase in rat splanchnic nerve. Journal of the Autonomic Nervous System, 1995, 53, 82-86. | 1.9 | 7 |
| 139 | Alpha2A-adrenergic receptors are present in lower brainstem catecholaminergic and serotonergic neurons innervating spinal cord. Brain Research, 1994, 638, 285-294. | 1.1 | 101 |
| 140 | Autonomic areas of rat brain exhibit increased Fos-like immunoreactivity during opiate withdrawal in rats. Brain Research, 1993, 624, 19-28. | 1.1 | 122 |
| 141 | Ventrolateral medulla and sympathetic chemoreflex in the rat. Brain Research, 1993, 609, 174-184. | 1.1 | 127 |
| 142 | Central respiratory modulation of facial motoneurons in rats. Neuroscience Letters, 1993, 151, 224-228. | 1.0 | 13 |
| 143 | Rostral ventrolateral medullary neurons projecting to locus coeruleus have cardiorespiratory inputs. Brain Research, 1992, 598, 67-75. | 1.1 | 29 |
| 144 | Morphology of rostral medullary neurons with intrinsic pacemaker activity in the rat. Brain Research, 1991, 556, 61-70. | 1.1 | 19 |

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| 145 | Respiratory modulation of pre- and postganglionic lumbar vasomotor sympathetic neurons in the rat. Neuroscience Letters, 1990, 119, 148-152. | 1.0 | 38 |
| 146 | Excitation of rostral medullary pacemaker neurons with putative sympathoexcitatory function by cyclic AMP and Î²-adrenoceptor agonists â€˜in vitroâ€™. Brain Research, 1990, 511, 30-40. | 1.1 | 32 |
| 147 | Retrotrapezoid nucleus in the rat. Neuroscience Letters, 1989, 101, 138-142. | 1.0 | 49 |
| 148 | Effects of vasopressin and other neuropeptides on rostral medullary sympathoexcitatory neurons â€˜in vitroâ€™. Brain Research, 1989, 492, 261-270. | 1.1 | 60 |
| 149 | Chapter 7 Sympathoexcitatory neurons of the rostroventrolateral medulla and the origin of the sympathetic vasomotor tone. Progress in Brain Research, 1989, 81, 105-116. | 0.9 | 137 |
| 150 | Rostral ventrolateral medullary neurons with intrinsic pacemaker properties are not catecholaminergic. Brain Research, 1988, 451, 345-349. | 1.1 | 83 |
| 151 | Sympathoexcitatory neurons of rostral ventrolateral medulla exhibit pacemaker properties in the presence of a glutamate-receptor antagonist. Brain Research, 1988, 438, 23-40. | 1.1 | 143 |
| 152 | Reticulospinal pacemaker neurons of the rat rostral ventrolateral medulla with putative sympathoexcitatory function: an intracellular study in vitro. Brain Research, 1988, 442, 229-239. | 1.1 | 116 |
| 153 | Projections of nucleus paragigantocellularis lateralis to locus coeruleus and other structures in rat. Brain Research, 1987, 406, 171-184. | 1.1 | 113 |
| 154 | Role of excitatory amino acids in rat vagal and sympathetic baroreflexes. Brain Research, 1987, 407, 272-284. | 1.1 | 240 |
| 155 | Localization of brain angiotensinogen mRNA by hybridization histochemistry. Molecular Brain Research, 1987, 2, 149-158. | 2.5 | 106 |
| 156 | Afferent and efferent connections of the A5 noradrenergic cell group in the rat. Journal of Comparative Neurology, 1987, 261, 529-542. | 0.9 | 243 |
| 157 | Unit activity in nucleus paragigantocellularis lateralis during cerebral ischemia in the rat. Brain Research, 1986, 364, 301-314. | 1.1 | 64 |
| 158 | Effect of clonidine and Î³-Aminobutyric acid on the discharges of medullo-spinal sympathoexcitatory neurons in the rat. Brain Research, 1986, 368, 1-17. | 1.1 | 153 |
| 159 | Comparative effects of sciatic nerve stimulation, blood pressure, and morphine on the activity of A5 and A6 pontine noradrenergic neurons. Brain Research, 1985, 327, 191-201. | 1.1 | 28 |
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