

Peter G R Burke

List of Publications by Year in descending order

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papers

916
citations

567144

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docs citations

34
times ranked

936
citing authors

#	ARTICLE	IF	CITATIONS
1	Do catecholaminergic TrkC DRG neurons represent a class of cardiovascular enteroceptor?. <i>Cell Reports</i> , 2022, 38, 110082.	2.9	1
2	The relationship between mandibular advancement, tongue movement, and treatment outcome in obstructive sleep apnea. <i>Sleep</i> , 2022, .	0.6	3
3	Upregulated Angiotensin Ia Receptors in the Hypothalamic Paraventricular Nucleus Sensitize Neuroendocrine Vasopressin Release and Blood Pressure in a Rodent Model of Polycystic Kidney Disease. <i>Neuroendocrinology</i> , 2022, 112, 1200-1213.	1.2	3
4	Mandibular advancement splint response is associated with the pterygomandibular raphe. <i>Sleep</i> , 2021, 44, .	0.6	5
5	Influence of mandibular advancement on tongue dilatory movement during wakefulness and how this is related to oral appliance therapy outcome for obstructive sleep apnea. <i>Sleep</i> , 2021, 44, .	0.6	7
6	Augmented Respiratory Sympathetic Coupling and Hemodynamic Response to Acute Mild Hypoxia in Female Rodents With Chronic Kidney Disease. <i>Frontiers in Physiology</i> , 2021, 12, 623599.	1.3	1
7	Effect of upper airway fat on tongue dilation during inspiration in awake people with obstructive sleep apnea. <i>Sleep</i> , 2021, 44, .	0.6	10
8	Regional respiratory movement of the tongue is coordinated during wakefulness and is larger in severe obstructive sleep apnoea. <i>Journal of Physiology</i> , 2020, 598, 581-597.	1.3	17
9	Nocturnal swallowing augments arousal intensity and arousal tachycardia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8624-8632.	3.3	4
10	Respiratory-related displacement of the trachea in obstructive sleep apnea. <i>Journal of Applied Physiology</i> , 2019, 127, 1307-1316.	1.2	14
11	Respiratory sympathetic modulation is augmented in chronic kidney disease. <i>Respiratory Physiology and Neurobiology</i> , 2019, 262, 57-66.	0.7	5
12	Somatostatin 2 Receptors in the Spinal Cord Tonically Restrain Thermogenic, Cardiac and Other Sympathetic Outflows. <i>Frontiers in Neuroscience</i> , 2019, 13, 121.	1.4	7
13	Dose-dependent effects of mandibular advancement on upper airway collapsibility and muscle function in obstructive sleep apnea. <i>Sleep</i> , 2019, 42, .	0.6	46
14	Upper airway collapsibility measured using a simple wakefulness test closely relates to the pharyngeal critical closing pressure during sleep in obstructive sleep apnea. <i>Sleep</i> , 2019, 42, .	0.6	24
15	Somatostatin 2 Receptor Activation in the Rostral Ventrolateral Medulla Does Not Mediate the Decompensatory Phase of Haemorrhage. <i>Shock</i> , 2018, 50, 331-338.	1.0	1
16	Polysialic Acid Regulates Sympathetic Outflow by Facilitating Information Transfer within the Nucleus of the Solitary Tract. <i>Journal of Neuroscience</i> , 2017, 37, 6558-6574.	1.7	8
17	Proton detection and breathing regulation by the retrotrapezoid nucleus. <i>Journal of Physiology</i> , 2016, 594, 1529-1551.	1.3	73
18	Somatostatin 2a receptors are not expressed on functionally identified respiratory neurons in the ventral respiratory column of the rat. <i>Journal of Comparative Neurology</i> , 2016, 524, 1384-1398.	0.9	8

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19	Tonically Active cAMP-Dependent Signaling in the Ventrolateral Medulla Regulates Sympathetic and Cardiac Vagal Outflows. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 356, 424-433.	1.3	7
20	State-dependent control of breathing by the retrotrapezoid nucleus. <i>Journal of Physiology</i> , 2015, 593, 2909-2926.	1.3	72
21	Hypoxia Silences Retrotrapezoid Nucleus Respiratory Chemoreceptors via Alkalosis. <i>Journal of Neuroscience</i> , 2015, 35, 527-543.	1.7	60
22	Comparison of noradrenaline, dopamine and serotonin in mediating the tachycardic and thermogenic effects of methamphetamine in the ventral medial prefrontal cortex. <i>Neuroscience</i> , 2015, 295, 209-220.	1.1	13
23	Selective optogenetic stimulation of the retrotrapezoid nucleus in sleeping rats activates breathing without changing blood pressure or causing arousal or sighs. <i>Journal of Applied Physiology</i> , 2015, 118, 1491-1501.	1.2	29
24	Optogenetic Stimulation of Adrenergic C1 Neurons Causes Sleep State-dependent Cardiorespiratory Stimulation and Arousal with Sighs in Rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1301-1310.	2.5	77
25	C1 neurons: the body's EMTs. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R187-R204.	0.9	219
26	Inhibition of protein kinase A activity depresses phrenic drive and glycinergic signalling, but not rhythmogenesis in anaesthetized rat. <i>European Journal of Neuroscience</i> , 2013, 38, 2260-2270.	1.2	3
27	Tyrosine Hydroxylase Phosphorylation in Catecholaminergic Brain Regions: A Marker of Activation following Acute Hypotension and Glucoprivation. <i>PLoS ONE</i> , 2012, 7, e50535.	1.1	32
28	Patterning of somatosympathetic reflexes reveals nonuniform organization of presympathetic drive from C1 and non-C1 RVLM neurons. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R1112-R1122.	0.9	24
29	Somatostatin selectively ablates post-inspiratory activity after injection into the Bötzinger complex. <i>Neuroscience</i> , 2010, 167, 528-539.	1.1	49
30	The Generation of Post-Inspiratory Activity in Laryngeal Motoneurons: A Review. <i>Advances in Experimental Medicine and Biology</i> , 2010, 669, 143-149.	0.8	11
31	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.	0.7	21
32	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.	0.9	21
33	Somatostatin 2A Receptor-Expressing Presympathetic Neurons in the Rostral Ventrolateral Medulla Maintain Blood Pressure. <i>Hypertension</i> , 2008, 52, 1127-1133.	1.3	41