

Andrew M Coney

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

652
citations

758635

12
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

767
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions of adenosine, prostaglandins and nitric oxide in hypoxia-induced vasodilatation: in vivo and in vitro studies. <i>Journal of Physiology</i> , 2002, 544, 195-209.	1.3	128
2	Role of adenosine and its receptors in the vasodilatation induced in the cerebral cortex of the rat by systemic hypoxia. <i>Journal of Physiology</i> , 1998, 509, 507-518.	1.3	84
3	Treating the placenta to prevent adverse effects of gestational hypoxia on fetal brain development. <i>Scientific Reports</i> , 2017, 7, 9079.	1.6	76
4	The role of platelet activating factor in a neonatal piglet model of necrotising enterocolitis. <i>Gut</i> , 2004, 53, 207-213.	6.1	59
5	Prenatal Hypoxia Leads to Increased Muscle Sympathetic Nerve Activity, Sympathetic Hyperinnervation, Premature Blunting of Neuropeptide Y Signaling, and Hypertension in Adult Life. <i>Hypertension</i> , 2014, 64, 1321-1327.	1.3	40
6	Roles of norepinephrine and ATP in sympathetically evoked vasoconstriction in rat tail and hindlimb in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H2432-H2440.	1.5	39
7	Adrenaline release evokes hyperpnoea and an increase in ventilatory CO ₂ sensitivity during hypoglycaemia: a role for the carotid body. <i>Journal of Physiology</i> , 2016, 594, 4439-4452.	1.3	31
8	Contribution of α 2-adrenoceptors and Y1neuropeptide Y receptors to the blunting of sympathetic vasoconstriction induced by systemic hypoxia in the rat. <i>Journal of Physiology</i> , 2007, 582, 1349-1359.	1.3	23
9	Contribution of Adenosine to the Depression of Sympathetically Evoked Vasoconstriction induced by Systemic Hypoxia in the Rat. <i>Journal of Physiology</i> , 2003, 549, 613-623.	1.3	17
10	Influence of endogenous nitric oxide on sympathetic vasoconstriction in normoxia, acute and chronic systemic hypoxia in the rat. <i>Journal of Physiology</i> , 2004, 555, 793-804.	1.3	16
11	Lung function and breathing patterns in hospitalised COVID-19 survivors: a review of post-COVID-19 Clinics. <i>Respiratory Research</i> , 2021, 22, 255.	1.4	16
12	Ecto-5'-nucleotidase (CD73) regulates peripheral chemoreceptor activity and cardiorespiratory responses to hypoxia. <i>Journal of Physiology</i> , 2018, 596, 3137-3148.	1.3	15
13	Is Carotid Body Physiological O ₂ Sensitivity Determined by a Unique Mitochondrial Phenotype?. <i>Frontiers in Physiology</i> , 2018, 9, 562.	1.3	15
14	Mitochondrial Succinate Metabolism and Reactive Oxygen Species Are Important but Not Essential for Eliciting Carotid Body and Ventilatory Responses to Hypoxia in the Rat. <i>Antioxidants</i> , 2021, 10, 840.	2.2	13
15	G-Protein-Coupled Receptor (GPCR) Signaling in the Carotid Body: Roles in Hypoxia and Cardiovascular and Respiratory Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6012.	1.8	12
16	Effects of maternal hypoxia on muscle vasodilatation evoked by acute systemic hypoxia in adult rat offspring: changed roles of adenosine and A ₁ receptors. <i>Journal of Physiology</i> , 2010, 588, 5115-5125.	1.3	11
17	Adrenaline activation of the carotid body: Key to CO ₂ and pH homeostasis in hypoglycaemia and potential pathological implications in cardiovascular disease. <i>Respiratory Physiology and Neurobiology</i> , 2019, 265, 92-99.	0.7	10
18	The Role of Free Radicals in the Muscle Vasodilatation of Systemic Hypoxia in the Rat. <i>Experimental Physiology</i> , 2003, 88, 733-740.	0.9	9

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19	A student practical to conceptualize the importance of Poiseuille's law and flow control in the cardiovascular system. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 436-443.	0.8	9
20	Both substrate availability and utilisation contribute to the defence of core temperature in response to acute cold. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 154, 514-522.	0.8	8
21	Mild Chronic Intermittent Hypoxia in Wistar Rats Evokes Significant Cardiovascular Pathophysiology but No Overt Changes in Carotid Body-Mediated Respiratory Responses. <i>Advances in Experimental Medicine and Biology</i> , 2015, 860, 245-254.	0.8	7
22	β-Adrenoceptor blockade prevents carotid body hyperactivity and elevated vascular sympathetic nerve density induced by chronic intermittent hypoxia. <i>Pflügers Archiv European Journal of Physiology</i> , 2021, 473, 37-51.	1.3	7
23	Are Multiple Mitochondrial Related Signalling Pathways Involved in Carotid Body Oxygen Sensing?. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	5
24	Measurement of breathing in patients with post-COVID-19 using structured light plethysmography (SLP). <i>BMJ Open Respiratory Research</i> , 2021, 8, e001070.	1.2	2
25	Hypoxic fetal programming of the sympathetic nervous system. <i>FASEB Journal</i> , 2011, 25, 1029.1.	0.2	0