

Karen C Peebles

List of Publications by Year in descending order

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30
papers

1,029
citations

471509

17
h-index

501196

28
g-index

30
all docs

30
docs citations

30
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	Human cerebrovascular and ventilatory CO ₂ reactivity to end-tidal, arterial and internal jugular vein P_{CO_2} . Journal of Physiology, 2007, 584, 347-357.	2.9	128
2	Alterations in cerebral blood flow and cerebrovascular reactivity during 14 days at 5050 m. Journal of Physiology, 2011, 589, 741-753.	2.9	92
3	Early morning impairment in cerebral autoregulation and cerebrovascular CO ₂ reactivity in healthy humans: relation to endothelial function. Experimental Physiology, 2007, 92, 769-777.	2.0	88
4	Prenatal nicotine exposure increases apnoea and reduces nicotinic potentiation of hypoglossal inspiratory output in mice. Journal of Physiology, 2002, 538, 957-973.	2.9	77
5	Influence of high altitude on cerebrovascular and ventilatory responsiveness to CO ₂ . Journal of Physiology, 2010, 588, 539-549.	2.9	69
6	Human cerebral arteriovenous vasoactive exchange during alterations in arterial blood gases. Journal of Applied Physiology, 2008, 105, 1060-1068.	2.5	59
7	Dynamic cerebral autoregulation and baroreflex sensitivity during modest and severe step changes in arterial PCO ₂ . Brain Research, 2008, 1230, 115-124.	2.2	58
8	Sympathetic regulation of the human cerebrovascular response to carbon dioxide. Journal of Applied Physiology, 2012, 113, 700-706.	2.5	48
9	Differential effects of acute hypoxia and high altitude on cerebral blood flow velocity and dynamic cerebral autoregulation: alterations with hyperoxia. Journal of Applied Physiology, 2008, 104, 490-498.	2.5	47
10	Influence of indomethacin on ventilatory and cerebrovascular responsiveness to CO ₂ and breathing stability: the influence of P_{CO_2} gradients. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1648-R1658.	1.8	42
11	Effects of acetazolamide on cerebrovascular function and breathing stability at 5050 m. Journal of Physiology, 2012, 590, 1213-1225.	2.9	32
12	Development of the ventilatory response to hypoxia in Swiss CD-1 mice. Journal of Applied Physiology, 2000, 88, 1907-1914.	2.5	31
13	P2 receptors modulate respiratory rhythm but do not contribute to central CO ₂ sensitivity in vitro. Respiratory Physiology and Neurobiology, 2004, 142, 27-42.	1.6	31
14	Worsening of central sleep apnea at high altitude—a role for cerebrovascular function. Journal of Applied Physiology, 2013, 114, 1021-1028.	2.5	29
15	Influence of indomethacin on the ventilatory and cerebrovascular responsiveness to hypoxia. European Journal of Applied Physiology, 2011, 111, 601-610.	2.5	26
16	Exacerbation of Obstructive Sleep Apnea by Oral Indomethacin. Chest, 2010, 137, 707-710.	0.8	21
17	Assessing breast lymphoedema following breast cancer treatment using indocyanine green lymphography. Breast Cancer Research and Treatment, 2020, 181, 635-644.	2.5	21
18	Clinical screening of autonomic dysfunction in multiple sclerosis. Physiotherapy Research International, 2009, 14, 42-55.	1.5	18

#	ARTICLE	IF	CITATIONS
19	Resting heart rate variability and exercise capacity in Type 1 diabetes. <i>Physiological Reports</i> , 2017, 5, e13248.	1.7	18
20	The repeated sit-to-stand maneuver is a superior method for cardiac baroreflex assessment: a comparison with the modified Oxford method and Valsalva maneuver. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R1345-R1352.	1.8	16
21	Initial Orthostatic Hypotension at High Altitude. <i>High Altitude Medicine and Biology</i> , 2010, 11, 163-167.	0.9	15
22	Interactions between breathing rate and low-frequency fluctuations in blood pressure and cardiac intervals. <i>Journal of Applied Physiology</i> , 2015, 119, 793-798.	2.5	15
23	Influence of Cerebral Blood Flow on Central Sleep Apnea at High Altitude. <i>Sleep</i> , 2014, 37, 1679-1687.	1.1	13
24	Cardiac baroreflex gain is frequency dependent: insights from repeated sit-to-stand maneuvers and the modified Oxford method. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 753-759.	1.9	10
25	The prevalence and impact of orthostatic intolerance in young women across the hypermobility spectrum. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 1761-1776.	1.2	8
26	The Influence of Tobacco Smoking on the Relationship between Pressure and Flow in the Middle Cerebral Artery in Humans. <i>PLoS ONE</i> , 2013, 8, e72624.	2.5	6
27	A simplified method for quantifying the subject-specific relationship between blood pressure and carotid-femoral pulse wave velocity. , 2015, 2015, 5708-11.		5
28	Distress during airway sampling in children with cystic fibrosis. <i>Archives of Disease in Childhood</i> , 2019, 104, 806-808.	1.9	4
29	Interarm Differences in Brachial Blood Pressure and their Effect on the Derivation on Central Aortic Blood Pressure. <i>Artery Research</i> , 2020, 26, 89-96.	0.6	2
30	Heart rate variability indices are poor predictors of exercise capacity in healthy type 1 diabetics (LB664). <i>FASEB Journal</i> , 2014, 28, LB664.	0.5	0