

Lindsey M Boulet

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

225
citations

8
h-index

14
g-index

27
ext. papers

296
ext. citations

3.4
avg, IF

3
L-index

#	Paper	IF	Citations
25	Measuring the human ventilatory and cerebral blood flow response to CO ₂ : a technical consideration for the end-tidal-to-arterial gas gradient. <i>Journal of Applied Physiology</i> , 2016 , 120, 282-96	3.7	47
24	The independent effects of hypovolaemia and pulmonary vasoconstriction on ventricular function and exercise capacity during acclimatisation to 3800m. <i>Journal of Physiology</i> , 2019 , 597, 1059-1072	3.9	25
23	Comparing and characterizing transient and steady-state tests of the peripheral chemoreflex in humans. <i>Experimental Physiology</i> , 2016 , 101, 432-47	2.4	24
22	Acute intermittent hypercapnic hypoxia and sympathetic neurovascular transduction in men. <i>Journal of Physiology</i> , 2020 , 598, 473-487	3.9	22
21	Intermittent hypoxia and arterial blood pressure control in humans: role of the peripheral vasculature and carotid baroreflex. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H699-706	5.2	21
20	Attenuation of human hypoxic pulmonary vasoconstriction by acetazolamide and methazolamide. <i>Journal of Applied Physiology</i> , 2018 ,	3.7	14
19	Central respiratory chemosensitivity and cerebrovascular CO ₂ reactivity: a rebreathing demonstration illustrating integrative human physiology. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016 , 40, 79-92	1.9	11
18	Influence of prior hyperventilation duration on respiratory chemosensitivity and cerebrovascular reactivity during modified hyperoxic rebreathing. <i>Experimental Physiology</i> , 2016 , 101, 821-35	2.4	11
17	A methodological approach for quantifying and characterizing the stability of agitated saline contrast: implications for quantifying intrapulmonary shunt. <i>Journal of Applied Physiology</i> , 2016 , 121, 568-76	3.7	8
16	Intra-individual variability in cerebrovascular and respiratory chemosensitivity: Can we characterize a chemoreflex "reactivity profile"?. <i>Respiratory Physiology and Neurobiology</i> , 2017 , 242, 30-39	2.8	6
15	Intracranial pressure in outer space: preparing for the mission to Mars. <i>Journal of Physiology</i> , 2017 , 595, 4587-4588	3.9	5
14	Reduced blood flow through intrapulmonary arteriovenous anastomoses during exercise in lowlanders acclimatizing to high altitude. <i>Experimental Physiology</i> , 2017 , 102, 670-683	2.4	5
13	Commentaries on Viewpoint: Why predominantly neurological DCS in breath-hold divers?. <i>Journal of Applied Physiology</i> , 2016 , 120, 1478-82	3.7	5
12	The effects of graded changes in oxygen and carbon dioxide tension on coronary blood velocity independent of myocardial energy demand. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H326-36	5.2	4
11	Influence of methazolamide on the human control of breathing: A comparison to acetazolamide. <i>Experimental Physiology</i> , 2020 , 105, 293-301	2.4	4
10	Ventilatory responses to acute hypoxia and hypercapnia in humans with a patent foramen ovale. <i>Journal of Applied Physiology</i> , 2019 , 126, 730-738	3.7	3
9	Changes in left ventricular function and coronary blood flow velocity during isocapnic hypoxia: A cardiac magnetic resonance imaging study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016 , 18,	6.9	2

8	Influence of myocardial oxygen demand on the coronary vascular response to arterial blood gas changes in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 315, H132-H140	5.2	2
7	Cardiorespiratory plasticity in humans following two patterns of acute intermittent hypoxia. <i>Experimental Physiology</i> , 2021 , 106, 1524-1534	2.4	2
6	The influence of increased venous return on right ventricular dyssynchrony during acute and sustained hypoxaemia. <i>Experimental Physiology</i> , 2021 , 106, 925-937	2.4	2
5	Angiotensin II-Type I Receptor Antagonism Does Not Influence the Chemoreceptor Reflex or Hypoxia-Induced Central Sleep Apnea in Men. <i>Frontiers in Neuroscience</i> , 2020 , 14, 382	5.1	1
4	Extreme respiratory sinus arrhythmia in response to superimposed head-down tilt and deep breathing. <i>Aviation, Space, and Environmental Medicine</i> , 2014 , 85, 1222-8		1
3	Acute hyperglycemia does not affect central respiratory chemoreflex responsiveness to CO in healthy humans. <i>Respiratory Physiology and Neurobiology</i> , 2021 , 296, 103803	2.8	0
2	Influence of blood Po on the stability of agitated saline contrast. <i>Journal of Applied Physiology</i> , 2020 , 129, 1341-1347	3.7	0
1	Regional differences in cerebrovascular reactivity in response to acute isocapnic hypoxia in healthy humans: Methodological considerations. <i>Respiratory Physiology and Neurobiology</i> , 2021 , 294, 103770	2.8	0