

# Tyler D Vermeulen

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

112  
citations

1684188

5  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

83  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute intermittent hypercapnic hypoxia and sympathetic neurovascular transduction in men. <i>Journal of Physiology</i> , 2020, 598, 473-487.	2.9	35
2	Peripheral chemoreflex contribution to ventilatory long-term facilitation induced by acute intermittent hypercapnic hypoxia in males and females. <i>Journal of Physiology</i> , 2020, 598, 4713-4730.	2.9	27
3	Within-breath sympathetic baroreflex sensitivity is modulated by lung volume but unaffected by acute intermittent hypercapnic hypoxia in men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H213-H221.	3.2	11
4	Acute intermittent hypercapnic hypoxia and cerebral neurovascular coupling in males and females. <i>Experimental Neurology</i> , 2020, 334, 113441.	4.1	8
5	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.	3.2	6
6	Muscle Metaboreflex Control of Sympathetic Activity Is Preserved following Acute Intermittent Hypercapnic Hypoxia. <i>Medicine and Science in Sports and Exercise</i> , 2021, Publish Ahead of Print, 2233-2244.	0.4	6
7	Vasodilatation by carbon dioxide and sodium nitroglycerin reduces compliance of the cerebral arteries in humans. <i>Experimental Physiology</i> , 2021, 106, 1679-1688.	2.0	5
8	Muscle sympathetic single-unit responses during rhythmic handgrip exercise and isocapnic hypoxia in males: the role of sympathoexcitation magnitude. <i>Journal of Neurophysiology</i> , 2021, 126, 170-180.	1.8	4
9	Sex differences in the coronary vascular response to combined chemoreflex and metaboreflex stimulation in healthy humans. <i>Experimental Physiology</i> , 2021, , .	2.0	3
10	Global REACH 2018: The carotid artery diameter response to the cold pressor test is governed by arterial blood pressure during normoxic but not hypoxic conditions in healthy lowlanders and Andean highlanders. <i>Experimental Physiology</i> , 2020, 105, 1742-1757.	2.0	2
11	Influence of blood P <sub>o<sub>2</sub></sub> on the stability of agitated saline contrast. <i>Journal of Applied Physiology</i> , 2020, 129, 1341-1347.	2.5	2
12	Case Studies in Physiology: Sympathetic neural discharge patterns in a healthy young male during end-expiratory breath hold-induced sinus pause. <i>Journal of Applied Physiology</i> , 2020, 129, 230-237.	2.5	1
13	The coronary vascular response to the metaboreflex at low altitude and during acute and prolonged high altitude in males. <i>Journal of Applied Physiology</i> , 2022, 132, 1327-1337.	2.5	1
14	Action potential amplitude and baroreflex resetting of action potential clusters mediate hypoxia-induced sympathetic long-term facilitation. <i>Journal of Physiology</i> , 0, , .	2.9	1
15	Advancing our knowledge for neurovascular coupling of brain blood flow in humans. <i>Journal of Physiology</i> , 2021, 599, 1033-1034.	2.9	0