

# Connor A Howe

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

478  
citations

623734

14  
h-index

713466

21  
g-index

28  
all docs

28  
docs citations

28  
times ranked

510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Research Expedition on Altitude-related Chronic Health 2018 Iron Infusion at High Altitude Reduces Hypoxic Pulmonary Vasoconstriction Equally in Both Lowlanders and Healthy Andean Highlanders. <i>Chest</i> , 2022, 161, 1022-1035.	0.8	8
2	Acid-base balance at high altitude in lowlanders and indigenous highlanders. <i>Journal of Applied Physiology</i> , 2022, 132, 575-580.	2.5	5
3	Global REACH 2018: Characterizing Acid-Base Balance Over 21 Days at 4,300m in Lowlanders. <i>High Altitude Medicine and Biology</i> , 2022, 23, 185-191.	0.9	2
4	Nitric oxide contributes to cerebrovascular shear-mediated dilatation but not steady-state cerebrovascular reactivity to carbon dioxide. <i>Journal of Physiology</i> , 2022, 600, 1385-1403.	2.9	21
5	Trans-cerebral $\text{HCO}_3^-$ and $\text{PCO}_2$ exchange during acute respiratory acidosis and exercise-induced metabolic acidosis in humans. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 559-571.	4.3	6
6	Global REACH 2018: Andean highlanders, chronic mountain sickness and the integrative regulation of resting blood pressure. <i>Experimental Physiology</i> , 2021, 106, 104-116.	2.0	12
7	The 2018 Global Research Expedition on Altitude Related Chronic Health (Global REACH) to Cerro de Pasco, Peru: an Experimental Overview. <i>Experimental Physiology</i> , 2021, 106, 86-103.	2.0	24
8	Arterial carbon dioxide and bicarbonate rather than pH regulate cerebral blood flow in the setting of acute experimental metabolic alkalosis. <i>Journal of Physiology</i> , 2021, 599, 1439-1457.	2.9	22
9	Temporal changes in pulmonary gas exchange efficiency when breath-hold diving below residual volume. <i>Experimental Physiology</i> , 2021, 106, 1120-1133.	2.0	7
10	Alterations in arterial $\text{CO}_2$ rather than pH affect the kinetics of neurovascular coupling in humans. <i>Journal of Physiology</i> , 2021, 599, 3663-3676.	2.9	8
11	The influence of hemoconcentration on hypoxic pulmonary vasoconstriction in acute, prolonged, and lifelong hypoxemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H738-H747.	3.2	6
12	Global REACH 2018: The influence of acute and chronic hypoxia on cerebral haemodynamics and related functional outcomes during cold and heat stress. <i>Journal of Physiology</i> , 2020, 598, 265-284.	2.9	24
13	Evidence for temperature-mediated regional increases in cerebral blood flow during exercise. <i>Journal of Physiology</i> , 2020, 598, 1459-1473.	2.9	17
14	Nitric oxide is fundamental to neurovascular coupling in humans. <i>Journal of Physiology</i> , 2020, 598, 4927-4939.	2.9	51
15	Internal carotid and brachial artery shear-dependent vasodilator function in young healthy humans. <i>Journal of Physiology</i> , 2020, 598, 5333-5350.	2.9	37
16	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
17	Validation of a Noninvasive Assessment of Pulmonary Gas Exchange During Exercise in Hypoxia. <i>Chest</i> , 2020, 158, 1644-1650.	0.8	8
18	Global REACH 2018: The Effect of an Expiratory Resistance Mask with Dead Space on Sleep and Acute Mountain Sickness During Acute Exposure to Hypobaric Hypoxia. <i>High Altitude Medicine and Biology</i> , 2020, 21, 297-302.	0.9	3

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19	Cerebrovascular reactivity to carbon dioxide is not influenced by variability in the ventilatory sensitivity to carbon dioxide. <i>Experimental Physiology</i> , 2020, 105, 904-915.	2.0	22
20	Acute reductions in haematocrit increase flow-mediated dilatation independent of resting nitric oxide bioavailability in humans. <i>Journal of Physiology</i> , 2020, 598, 4225-4236.	2.9	15
21	UBC-Nepal expedition: dynamic cerebral autoregulation is attenuated in lowlanders upon ascent to 5050 m. <i>European Journal of Applied Physiology</i> , 2020, 120, 675-686.	2.5	4
22	UBC-Nepal Expedition: Haemoconcentration underlies the reductions in cerebral blood flow observed during acclimatization to high altitude. <i>Experimental Physiology</i> , 2019, 104, 1963-1972.	2.0	7
23	Global REACH 2018. <i>Hypertension</i> , 2019, 73, 1327-1335.	2.7	44
24	UBC-Nepal expedition: phenotypical evidence for evolutionary adaptation in the control of cerebral blood flow and oxygen delivery at high altitude. <i>Journal of Physiology</i> , 2019, 597, 2993-3008.	2.9	16
25	Ventilatory and cerebrovascular regulation and integration at high-altitude. <i>Clinical Autonomic Research</i> , 2018, 28, 423-435.	2.5	50
26	UBC-Nepal Expedition: imposed oscillatory shear stress does not further attenuate flow-mediated dilation during acute and sustained hypoxia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H122-H131.	3.2	17
27	UBC-Nepal expedition: upper and lower limb conduit artery shear stress and flow-mediated dilation on ascent to 5,050 m in lowlanders and Sherpa. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1532-H1543.	3.2	17
28	The effect of $\beta$ -adrenergic blockade on post-exercise brachial artery flow-mediated dilatation at sea level and high altitude. <i>Journal of Physiology</i> , 2017, 595, 1671-1686.	2.9	23