Luke C. Wilson

List of Publications by Year
in descending order

33 papers	559 citations	687220 13 h-index	642610 23 g-index
33 all docs	33 docs citations	33 times ranked	638 citing authors

#	Article	IF	Citations
1	Human cardiorespiratory and cerebrovascular function during severe passive hyperthermia: effects of mild hypohydration. Journal of Applied Physiology, 2008, 105, 433-445.	1.2	85
2	Cerebrovascular and corticomotor function during progressive passive hyperthermia in humans. Journal of Applied Physiology, 2012, 112, 748-758.	1.2	58
3	Alterations in autonomic function and cerebral hemodynamics to orthostatic challenge following a mountain marathon. Journal of Applied Physiology, 2007, 103, 88-96.	1.2	52
4	Influence of age on syncope following prolonged exercise: differential responses but similar orthostatic intolerance. Journal of Physiology, 2009, 587, 5959-5969.	1.3	31
5	Mechanisms of orthostatic intolerance following very prolonged exercise. Journal of Applied Physiology, 2008, 105, 213-225.	1.2	30
6	Skin cooling aids cerebrovascular function more effectively under severe than moderate heat stress. European Journal of Applied Physiology, 2010, 109, 101-108.	1.2	25
7	Global REACH 2018: The influence of acute and chronic hypoxia on cerebral haemodynamics and related functional outcomes during cold and heat stress. Journal of Physiology, 2020, 598, 265-284.	1.3	24
8	The Type 2 Diabetic Heart: Its Role in Exercise Intolerance and the Challenge to Find Effective Exercise Interventions. Sports Medicine, 2016, 46, 1605-1617.	3.1	23
9	Cerebrovascular reactivity and dynamic autoregulation in tetraplegia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1035-R1042.	0.9	22
10	Swimmingâ€related effects on cerebrovascular and cognitive function. Physiological Reports, 2019, 7, e14247.	0.7	21
11	Syncope is unrelated to supine and postural hypotension following prolonged exercise. European Journal of Applied Physiology, 2011, 111, 469-476.	1.2	18
12	Resting heart rate variability and exercise capacity in Type 1 diabetes. Physiological Reports, 2017, 5, e13248.	0.7	18
13	Î²-Adrenergic Responsiveness in the Type 2 Diabetic Heart. Medicine and Science in Sports and Exercise, 2017, 49, 907-914.	0.2	16
14	Influence of the mode of heating on cerebral blood flow, nonâ€invasive intracranial pressure and thermal tolerance in humans. Journal of Physiology, 2021, 599, 1977-1996.	1.3	16
15	Cardiorespiratory and cerebrovascular responses to head-up tilt II: Influence of age, training status and acute exercise. Experimental Gerontology, 2011, 46, 1-8.	1.2	13
16	Alterations in left ventricular function and cardiac biomarkers as a consequence of repetitive endurance cycling. European Journal of Sport Science, 2009, 9, 97-105.	1.4	12
17	Indomethacin markedly blunts cerebral perfusion and reactivity, with little cognitive consequence in healthy young and older adults. Journal of Physiology, 2021, 599, 1097-1113.	1.3	12
18	Endovascular Renal Denervation in End-Stage Kidney Disease Patients: Cardiovascular Protectionâ€”AÂProof-of-Concept Study. Kidney International Reports, 2017, 2, 856-865.	0.4	10

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19	Independent and interactive effects of incremental heat strain, orthostatic stress, and mild hypohydration on cerebral perfusion. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 314, R415-R426.	0.9	10
20	Cardiorespiratory and cerebrovascular responses to head-up tilt I: Influence of age and training status. Experimental Gerontology, 2011, 46, 9-17.	1.2	9
21	Beat-to-beat blood pressure measurement using a cuffless device does not accurately reflect invasive blood pressure. International Journal of Cardiology: Hypertension, 2020, 5, 100030.	2.2	9
22	Metformin doses to ensure efficacy and safety in patients with reduced kidney function. PLoS ONE, 2021, 16, e0246247.	1.1	8
23	Cerebrovascular regulation is not blunted during mental stress. Experimental Physiology, 2019, 104, 1678-1687.	0.9	7
24	Acute exercise-related cognitive effects are not attributable to changes in end-tidal CO2 or cerebral blood velocity. European Journal of Applied Physiology, 2020, 120, 1637-1649.	1.2	7
25	Cerebrovascular haemodynamics during isometric resistance exercise with and without the Valsalva manoeuvre. European Journal of Applied Physiology, 2020, 120, 467-479.	1.2	7
26	Review: Detection of patient foramen ovale using transcranial Doppler or standard echocardiography. Australasian Journal of Ultrasound in Medicine, 2020, 23, 210-219.	0.3	6
27	Contribution of the carotid body to thermallyâ€mediated hyperventilation in humans. Journal of Physiology, 0, , .	1.3	5
28	Is all heat equal? Implications for the stimulus for adaptation in the brain. Journal of Physiology, 2020, 598, 2051-2052.	1.3	3
29	Sympathetic overactivity in dialysis patientsâ€"Underappreciated and clinically consequential. Seminars in Dialysis, 2019, 32, 255-265.	0.7	1
30	Does the intact nephron hypothesis provide a reasonable model for metformin dosing in chronic kidney disease?. British Journal of Clinical Pharmacology, 2021, , .	1.1	1
31	MO058DELAYED BUT SUSTAINED BLOOD PRESSURE AND SYMPATHETIC REDUCTION ONE YEAR AFTER RENAL DENERVATION IN DIALYSIS PATIENTS. Nephrology Dialysis Transplantation, 2016, 31, i54-i54.	0.4	0
32	Refinement of a protocol to induce reliable muscle cramps in the abductor hallucis. Physiological Measurement, 2020, 41, 055003.	1.2	0
33	Does Autonomic Dysregulation Reduce Cardiac Reserve In Type 2 Diabetes?. Medicine and Science in Sports and Exercise, 2016, 48, 206.	0.2	0