

Luke C. Wilson

List of Publications by Year in descending order

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Version: 2024-02-01

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	Indomethacin markedly blunts cerebral perfusion and reactivity, with little cognitive consequence in healthy young and older adults. <i>Journal of Physiology</i> , 2021, 599, 1097-1113.	1.3	12
2	Metformin doses to ensure efficacy and safety in patients with reduced kidney function. <i>PLoS ONE</i> , 2021, 16, e0246247.	1.1	8
3	Influence of the mode of heating on cerebral blood flow, non-invasive intracranial pressure and thermal tolerance in humans. <i>Journal of Physiology</i> , 2021, 599, 1977-1996.	1.3	16
4	Does the intact nephron hypothesis provide a reasonable model for metformin dosing in chronic kidney disease?. <i>British Journal of Clinical Pharmacology</i> , 2021, , .	1.1	1
5	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.	1.3	24
6	Review: Detection of patient foramen ovale using transcranial Doppler or standard echocardiography. <i>Australasian Journal of Ultrasound in Medicine</i> , 2020, 23, 210-219.	0.3	6
7	Acute exercise-related cognitive effects are not attributable to changes in end-tidal CO ₂ or cerebral blood velocity. <i>European Journal of Applied Physiology</i> , 2020, 120, 1637-1649.	1.2	7
8	Beat-to-beat blood pressure measurement using a cuffless device does not accurately reflect invasive blood pressure. <i>International Journal of Cardiology: Hypertension</i> , 2020, 5, 100030.	2.2	9
9	Cerebrovascular haemodynamics during isometric resistance exercise with and without the Valsalva manoeuvre. <i>European Journal of Applied Physiology</i> , 2020, 120, 467-479.	1.2	7
10	Is all heat equal? Implications for the stimulus for adaptation in the brain. <i>Journal of Physiology</i> , 2020, 598, 2051-2052.	1.3	3
11	Refinement of a protocol to induce reliable muscle cramps in the abductor hallucis. <i>Physiological Measurement</i> , 2020, 41, 055003.	1.2	0
12	Cerebrovascular regulation is not blunted during mental stress. <i>Experimental Physiology</i> , 2019, 104, 1678-1687.	0.9	7
13	Swimming-related effects on cerebrovascular and cognitive function. <i>Physiological Reports</i> , 2019, 7, e14247.	0.7	21
14	Sympathetic overactivity in dialysis patients—Underappreciated and clinically consequential. <i>Seminars in Dialysis</i> , 2019, 32, 255-265.	0.7	1
15	Independent and interactive effects of incremental heat strain, orthostatic stress, and mild hypohydration on cerebral perfusion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R415-R426.	0.9	10
16	Resting heart rate variability and exercise capacity in Type 1 diabetes. <i>Physiological Reports</i> , 2017, 5, e13248.	0.7	18
17	β ₂ -Adrenergic Responsiveness in the Type 2 Diabetic Heart. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 907-914.	0.2	16
18	Endovascular Renal Denervation in End-Stage Kidney Disease Patients: Cardiovascular Protection—A Proof-of-Concept Study. <i>Kidney International Reports</i> , 2017, 2, 856-865.	0.4	10

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19	MO058DELAYED BUT SUSTAINED BLOOD PRESSURE AND SYMPATHETIC REDUCTION ONE YEAR AFTER RENAL DENERVATION IN DIALYSIS PATIENTS. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i54-i54.	0.4	0
20	The Type 2 Diabetic Heart: Its Role in Exercise Intolerance and the Challenge to Find Effective Exercise Interventions. <i>Sports Medicine</i> , 2016, 46, 1605-1617.	3.1	23
21	Does Autonomic Dysregulation Reduce Cardiac Reserve In Type 2 Diabetes?. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 206.	0.2	0
22	Cerebrovascular and corticomotor function during progressive passive hyperthermia in humans. <i>Journal of Applied Physiology</i> , 2012, 112, 748-758.	1.2	58
23	Cardiorespiratory and cerebrovascular responses to head-up tilt II: Influence of age, training status and acute exercise. <i>Experimental Gerontology</i> , 2011, 46, 1-8.	1.2	13
24	Cardiorespiratory and cerebrovascular responses to head-up tilt I: Influence of age and training status. <i>Experimental Gerontology</i> , 2011, 46, 9-17.	1.2	9
25	Syncope is unrelated to supine and postural hypotension following prolonged exercise. <i>European Journal of Applied Physiology</i> , 2011, 111, 469-476.	1.2	18
26	Skin cooling aids cerebrovascular function more effectively under severe than moderate heat stress. <i>European Journal of Applied Physiology</i> , 2010, 109, 101-108.	1.2	25
27	Cerebrovascular reactivity and dynamic autoregulation in tetraplegia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R1035-R1042.	0.9	22
28	Influence of age on syncope following prolonged exercise: differential responses but similar orthostatic intolerance. <i>Journal of Physiology</i> , 2009, 587, 5959-5969.	1.3	31
29	Alterations in left ventricular function and cardiac biomarkers as a consequence of repetitive endurance cycling. <i>European Journal of Sport Science</i> , 2009, 9, 97-105.	1.4	12
30	Mechanisms of orthostatic intolerance following very prolonged exercise. <i>Journal of Applied Physiology</i> , 2008, 105, 213-225.	1.2	30
31	Human cardiorespiratory and cerebrovascular function during severe passive hyperthermia: effects of mild hypohydration. <i>Journal of Applied Physiology</i> , 2008, 105, 433-445.	1.2	85
32	Alterations in autonomic function and cerebral hemodynamics to orthostatic challenge following a mountain marathon. <i>Journal of Applied Physiology</i> , 2007, 103, 88-96.	1.2	52
33	Contribution of the carotid body to thermally-mediated hyperventilation in humans. <i>Journal of Physiology</i> , 0, , .	1.3	5