

Geoff B Coombs

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

669
citations

687363

13
h-index

580821

25
g-index

34
all docs

34
docs citations

34
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Highs and lows of hyperoxia: physiological, performance, and clinical aspects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R1-R27.	1.8	85
2	Ice Slurry Ingestion Leads to a Lower Net Heat Loss during Exercise in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 114-122.	0.4	59
3	A comparison of thermoregulatory responses to exercise between mass-matched groups with large differences in body fat. <i>Journal of Applied Physiology</i> , 2016, 120, 615-623.	2.5	53
4	Maximum Skin Wettedness after Aerobic Training with and without Heat Acclimation. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 299-307.	0.4	53
5	Ventilatory and cerebrovascular regulation and integration at high-altitude. <i>Clinical Autonomic Research</i> , 2018, 28, 423-435.	2.5	50
6	Global REACH 2018. <i>Hypertension</i> , 2019, 73, 1327-1335.	2.7	44
7	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
8	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
9	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
10	Wavelet decomposition analysis is a clinically relevant strategy to evaluate cerebrovascular buffering of blood pressure after spinal cord injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H1108-H1114.	3.2	23
11	Thermoregulatory adaptations with progressive heat acclimation are predominantly evident in uncompensable, but not compensable, conditions. <i>Journal of Applied Physiology</i> , 2019, 127, 1095-1106.	2.5	22
12	Acute heat stress reduces biomarkers of endothelial activation but not macro- or microvascular dysfunction in cervical spinal cord injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H722-H733.	3.2	22
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	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
15	Severity-dependent influence of isocapnic hypoxia on reaction time is independent of neurovascular coupling. <i>Physiology and Behavior</i> , 2018, 188, 262-269.	2.1	14
16	Vascular dysfunction following breath-hold diving. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 124-130.	1.4	13
17	Distinct contributions of skin and core temperatures to flow-mediated dilation of the brachial artery following passive heating. <i>Journal of Applied Physiology</i> , 2021, 130, 149-159.	2.5	13
18	Acute acetaminophen ingestion does not alter core temperature or sweating during exercise in hot-humid conditions. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 96-103.	2.9	12

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19	Global Reach 2018: reduced flow-mediated dilation stimulated by sustained increases in shear stress in high-altitude excessive erythrocytosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H991-H1001.	3.2	12
20	Acute effect of Finnish sauna bathing on brachial artery flow-mediated dilation and reactive hyperemia in healthy middle-aged and older adults. <i>Physiological Reports</i> , 2019, 7, e14166.	1.7	11
21	Thermoregulatory responses to exercise at a fixed rate of heat production are not altered by acute hypoxia. <i>Journal of Applied Physiology</i> , 2017, 122, 1198-1207.	2.5	8
22	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
23	Spinal Cord Disruption Is Associated with a Loss of Cushing-Like Blood Pressure Interactions. <i>Journal of Neurotrauma</i> , 2019, 36, 1487-1490.	3.4	7
24	Passive heat therapy for cerebral protection: new ideas of age-old concepts. <i>Journal of Physiology</i> , 2019, 597, 371-372.	2.9	7
25	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
26	The Effect of an Expiratory Resistance Mask with Dead Space on Sleep, Acute Mountain Sickness, Cognition, and Ventilatory Acclimatization in Normobaric Hypoxia. <i>High Altitude Medicine and Biology</i> , 2019, 20, 61-70.	0.9	6
27	Effects of circulating extracellular microvesicles from spinal cord-injured adults on endothelial cell function. <i>Clinical Science</i> , 2020, 134, 777-789.	4.3	6
28	Alarming blood pressure changes during routine bladder emptying in a woman with cervical spinal cord injury. <i>Spinal Cord Series and Cases</i> , 2017, 3, 17101.	0.6	4
29	Normobaric hypoxia does not alter the critical environmental limits for thermal balance during exercise-heat stress. <i>Experimental Physiology</i> , 2021, 106, 359-369.	2.0	4
30	Cerebrovascular function is preserved during mild hyperthermia in cervical spinal cord injury. <i>Spinal Cord</i> , 2019, 57, 979-984.	1.9	3
31	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
32	Global Reach 2018: Nitric oxide-mediated cutaneous vasodilation is reduced in chronic, but not acute, hypoxia independently of enzymatic superoxide formation. <i>Free Radical Biology and Medicine</i> , 2021, 172, 451-458.	2.9	3
33	Isolating the independent influence of body fat on thermoregulatory responses to exercise. <i>European Journal of Applied Physiology</i> , 2015, 115, 1601-1602.	2.5	0
34	The Influence Of Aerobic Training On Maximum Skin Wettedness And Its Effects During Uncompensable Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 451.	0.4	0