

Steven J Trangmar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

461
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Dehydration affects cerebral blood flow but not its metabolic rate for oxygen during maximal exercise in trained humans. <i>Journal of Physiology</i> , 2014, 592, 3143-3160.	2.9	71
2	Heat, Hydration and the Human Brain, Heart and Skeletal Muscles. <i>Sports Medicine</i> , 2019, 49, 69-85.	6.5	53
3	Dehydration accelerates reductions in cerebral blood flow during prolonged exercise in the heat without compromising brain metabolism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1598-H1607.	3.2	48
4	Performance in complex motor tasks deteriorates in hyperthermic humans. <i>Temperature</i> , 2017, 4, 420-428.	3.0	47
5	Temperature and blood flow distribution in the human leg during passive heat stress. <i>Journal of Applied Physiology</i> , 2016, 120, 1047-1058.	2.5	45
6	Local temperature-sensitive mechanisms are important mediators of limb tissue hyperemia in the heat-stressed human at rest and during small muscle mass exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H369-H380.	3.2	44
7	New Insights Into the Impact of Dehydration on Blood Flow and Metabolism During Exercise. <i>Exercise and Sport Sciences Reviews</i> , 2017, 45, 146-153.	3.0	29
8	Mechanisms for the control of local tissue blood flow during thermal interventions: influence of temperature-dependent ATP release from human blood and endothelial cells. <i>Experimental Physiology</i> , 2017, 102, 228-244.	2.0	29
9	Whole body hyperthermia, but not skin hyperthermia, accelerates brain and locomotor limb circulatory strain and impairs exercise capacity in humans. <i>Physiological Reports</i> , 2017, 5, e13108.	1.7	20
10	Short-term isothermic heat acclimation elicits beneficial adaptations but medium-term elicits a more complete adaptation. <i>European Journal of Applied Physiology</i> , 2020, 120, 243-254.	2.5	18
11	Physiological Function during Exercise and Environmental Stress in Humans – An Integrative View of Body Systems and Homeostasis. <i>Cells</i> , 2022, 11, 383.	4.1	16
12	Whole-body heat stress and exercise stimulate the appearance of platelet microvesicles in plasma with limited influence of vascular shear stress. <i>Physiological Reports</i> , 2017, 5, e13496.	1.7	14
13	Clinical Efficacy of Brown Seaweeds <i>Ascophyllum nodosum</i> and <i>Fucus vesiculosus</i> in the Prevention or Delay Progression of the Metabolic Syndrome: A Review of Clinical Trials. <i>Molecules</i> , 2021, 26, 714.	3.8	9
14	The effects of pre- and per-cooling interventions used in isolation and combination on subsequent 15-minute time-trial cycling performance in the heat. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 800-805.	1.3	9
15	Integrative Human Cardiovascular Responses to Hyperthermia. , 2019, , 45-65.		4
16	A pilot study to assess the effect of a fibre and mineral formulation on satiety and satiation when taken as part of a calorie restriction diet in overweight and obese women. <i>Journal of Functional Foods</i> , 2020, 74, 104157.	3.4	3
17	Improved exercise capacity in the heat followed by coconut water consumption. <i>Motriz Revista De Educacao Fisica</i> , 2014, 20, 107-111.	0.2	1
18	Short-term heat therapy: sufficient stimulus for structural vascular adaptations?. <i>Journal of Physiology</i> , 2017, 595, 3667-3668.	2.9	1

#	ARTICLE	IF	CITATIONS
19	Response to Letter to the Editor: Are five 60-min sessions of isothermic heat acclimation sufficient to elicit beneficial physiological adaptations?. <i>European Journal of Applied Physiology</i> , 2020, 120, 2003-2004.	2.5	0