Brett R Ely

List of Publications by Year
in descending order

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38 papers	1,589 citations	361045 20 h-index	395343 33 g-index
38 all docs	38 docs citations	38 times ranked	1509 citing authors

#	Article	IF	Citations
1	Methods to Enhance the Beneficial Effects of Exercise in Individuals with Spinal Cord Injuries. Physiology in Health and Disease, 2022, , 387-407.	0.2	1
2	The effect of body surface area exposure to menthol on temperature regulation and perception in men. Journal of Thermal Biology, 2021, 99, 102982.	1.1	3
3	Brachial and carotid hemodynamic response to hot water immersion in men and women. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R823-R832.	0.9	2
4	Heat therapy reduces sympathetic activity and improves cardiovascular risk profile in women who are obese with polycystic ovary syndrome. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R630-R640.	0.9	38
5	Heat therapy improves glucose tolerance and adipose tissue insulin signaling in polycystic ovary syndrome. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E172-E182.	1.8	34
6	Physiological Responses to Overdressing and Exercise-Heat Stress in Trained Runners. Medicine and Science in Sports and Exercise, 2018, 50, 1285-1296.	0.2	18
7	Meta-inflammation and cardiometabolic disease in obesity: Can heat therapy help?. Temperature, 2018, 5, 9-21.	1.7	27
8	Thermoregulatory and Cardiovascular Adjustments to Acute Passive Heat Exposure in Lowâ€level Spinal Cord Injury. FASEB Journal, 2018, 32, .	0.2	0
9	Reply from Vienna E. Brunt, Matthew J. Howard, Michael A. Francisco, Brett R. Ely and Christopher T. Minson. Journal of Physiology, 2017, 595, 3669-3670.	1.3	3
10	Reply from Vienna E. Brunt, Matthew J. Howard, Michael A. Francisco, Brett R. Ely and Christopher T. Minson. Journal of Physiology, 2016, 594, 7143-7144.	1.3	1
11	Acute hot water immersion is protective against impaired vascular function following forearm ischemia-reperfusion in young healthy humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R1060-R1067.	0.9	41
12	Passive heat therapy improves endothelial function, arterial stiffness and blood pressure in sedentary humans. Journal of Physiology, 2016, 594, 5329-5342.	1.3	198
13	Can targeting glutamate receptors with long-term heat acclimation improve outcomes following hypoxic injury?. Temperature, 2015, 2, 51-52.	1.7	5
14	Effect of Hypohydration on Muscle Endurance, Strength, Anaerobic Power and Capacity and Vertical Jumping Ability: A Meta-Analysis. Sports Medicine, 2015, 45, 1207-1227.	3.1	74
15	Heat acclimation and cross tolerance to hypoxia. Temperature, 2014, 1, 107-114.	1.7	56
16	Assessment of extracellular dehydration using saliva osmolality. European Journal of Applied Physiology, 2014, 114, 85-92.	1.2	9
17	Hypohydration and acute thermal stress affect mood state but not cognition or dynamic postural balance. European Journal of Applied Physiology, 2013, 113, 1027-1034.	1.2	61
18	Water-deficit equation: systematic analysis and improvement. American Journal of Clinical Nutrition, 2013, 97, 79-85.	2.2	48

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19	Hypohydration Does Not Alter Standing Balance. Motor Control, 2013, 17, 190-202.	0.3	4
20	Physiology's Impact: Exploring the Mysteries of Life. Physiology, 2013, 28, 272-273.	1.6	1
21	Flowâ€mediated dilation responses to exogenous testosterone administration in healthy males. FASEB Journal, 2013, 27, 1196.8.	0.2	0
22	Sweat rate prediction equations for outdoor exercise with transient solar radiation. Journal of Applied Physiology, 2012, 112, 1300-1310.	1.2	34
23	Hydration assessment using the cardiovascular response to standing. European Journal of Applied Physiology, 2012, 112, 4081-4089.	1.2	18
24	Biological and analytical variation of the human sweating response: implications for study design and analysis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R252-R258.	0.9	44
25	Limitations of Salivary Osmolality as a Marker of Hydration Status. Medicine and Science in Sports and Exercise, 2011, 43, 1080-1084.	0.2	30
26	Marginal Effects of a Large Caffeine Dose on Heat Balance During Exercise-Heat Stress. International Journal of Sport Nutrition and Exercise Metabolism, 2011, 21, 65-70.	1.0	25
27	DEET insect repellent: effects on thermoregulatory sweating and physiological strain. European Journal of Applied Physiology, 2011, 111, 3061-3068.	1.2	5
28	Reference change values for monitoring dehydration. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1033-7.	1.4	42
29	Skin Temperature and Hydration Effects on Vascular Fluid Dynamics During Cycle Exercise. Medicine and Science in Sports and Exercise, 2010, 42, 802.	0.2	0
30	Hypohydration reduces vertical ground reaction impulse but not jump height. European Journal of Applied Physiology, 2010, 109, 1163-1170.	1.2	16
31	Biological variation and diagnostic accuracy of dehydration assessment markers. American Journal of Clinical Nutrition, 2010, 92, 565-573.	2.2	300
32	Aerobic Performance Is Degraded, Despite Modest Hyperthermia, in Hot Environments. Medicine and Science in Sports and Exercise, 2010, 42, 135-141.	0.2	100
33	Evidence against a 40Â°C core temperature threshold for fatigue in humans. Journal of Applied Physiology, 2009, 107, 1519-1525.	1.2	127
34	A simple and valid method to determine thermoregulatory sweating threshold and sensitivity. Journal of Applied Physiology, 2009, 107, 69-75.	1.2	92
35	Prior Heat Stress. Medicine and Science in Sports and Exercise, 2009, 41, 1311-1316.	0.2	30
36	Efficacy of body ventilation system for reducing strain in warm and hot climates. European Journal of Applied Physiology, 2008, 103, 307-314.	1.2	101

#	Article	IF	Citations
37	Ingestible Telemetry Core Temperature Sensor Measurements Are Affected By Gastrointestinal Tract Location. Medicine and Science in Sports and Exercise, 2008, 40, S366.	0.2	0
38	Thermoregulatory and Cardiovascular Adjustments to Acute Passive Heat Exposure in Low-level Spinal Cord Injury. , 0, 32, 722.7.		1