

# Brett R Ely

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Biological variation and diagnostic accuracy of dehydration assessment markers. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 565-573.	2.2	300
2	Passive heat therapy improves endothelial function, arterial stiffness and blood pressure in sedentary humans. <i>Journal of Physiology</i> , 2016, 594, 5329-5342.	1.3	198
3	Evidence against a 40°C core temperature threshold for fatigue in humans. <i>Journal of Applied Physiology</i> , 2009, 107, 1519-1525.	1.2	127
4	Efficacy of body ventilation system for reducing strain in warm and hot climates. <i>European Journal of Applied Physiology</i> , 2008, 103, 307-314.	1.2	101
5	Aerobic Performance Is Degraded, Despite Modest Hyperthermia, in Hot Environments. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 135-141.	0.2	100
6	A simple and valid method to determine thermoregulatory sweating threshold and sensitivity. <i>Journal of Applied Physiology</i> , 2009, 107, 69-75.	1.2	92
7	Effect of Hypohydration on Muscle Endurance, Strength, Anaerobic Power and Capacity and Vertical Jumping Ability: A Meta-Analysis. <i>Sports Medicine</i> , 2015, 45, 1207-1227.	3.1	74
8	Hypohydration and acute thermal stress affect mood state but not cognition or dynamic postural balance. <i>European Journal of Applied Physiology</i> , 2013, 113, 1027-1034.	1.2	61
9	Heat acclimation and cross tolerance to hypoxia. <i>Temperature</i> , 2014, 1, 107-114.	1.7	56
10	Water-deficit equation: systematic analysis and improvement. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 79-85.	2.2	48
11	Biological and analytical variation of the human sweating response: implications for study design and analysis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R252-R258.	0.9	44
12	Reference change values for monitoring dehydration. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1033-7.	1.4	42
13	Acute hot water immersion is protective against impaired vascular function following forearm ischemia-reperfusion in young healthy humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1060-R1067.	0.9	41
14	Heat therapy reduces sympathetic activity and improves cardiovascular risk profile in women who are obese with polycystic ovary syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R630-R640.	0.9	38
15	Sweat rate prediction equations for outdoor exercise with transient solar radiation. <i>Journal of Applied Physiology</i> , 2012, 112, 1300-1310.	1.2	34
16	Heat therapy improves glucose tolerance and adipose tissue insulin signaling in polycystic ovary syndrome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E172-E182.	1.8	34
17	Prior Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1311-1316.	0.2	30
18	Limitations of Salivary Osmolality as a Marker of Hydration Status. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1080-1084.	0.2	30

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19	Meta-inflammation and cardiometabolic disease in obesity: Can heat therapy help?. <i>Temperature</i> , 2018, 5, 9-21.	1.7	27
20	Marginal Effects of a Large Caffeine Dose on Heat Balance During Exercise-Heat Stress. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2011, 21, 65-70.	1.0	25
21	Hydration assessment using the cardiovascular response to standing. <i>European Journal of Applied Physiology</i> , 2012, 112, 4081-4089.	1.2	18
22	Physiological Responses to Overdressing and Exercise-Heat Stress in Trained Runners. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1285-1296.	0.2	18
23	Hypohydration reduces vertical ground reaction impulse but not jump height. <i>European Journal of Applied Physiology</i> , 2010, 109, 1163-1170.	1.2	16
24	Assessment of extracellular dehydration using saliva osmolality. <i>European Journal of Applied Physiology</i> , 2014, 114, 85-92.	1.2	9
25	DEET insect repellent: effects on thermoregulatory sweating and physiological strain. <i>European Journal of Applied Physiology</i> , 2011, 111, 3061-3068.	1.2	5
26	Can targeting glutamate receptors with long-term heat acclimation improve outcomes following hypoxic injury?. <i>Temperature</i> , 2015, 2, 51-52.	1.7	5
27	Hypohydration Does Not Alter Standing Balance. <i>Motor Control</i> , 2013, 17, 190-202.	0.3	4
28	Reply from Vienna E. Brunt, Matthew J. Howard, Michael A. Francisco, Brett R. Ely and Christopher T. Minson. <i>Journal of Physiology</i> , 2017, 595, 3669-3670.	1.3	3
29	The effect of body surface area exposure to menthol on temperature regulation and perception in men. <i>Journal of Thermal Biology</i> , 2021, 99, 102982.	1.1	3
30	Brachial and carotid hemodynamic response to hot water immersion in men and women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R823-R832.	0.9	2
31	<i>Physiology's</i> Impact: Exploring the Mysteries of Life. <i>Physiology</i> , 2013, 28, 272-273.	1.6	1
32	Reply from Vienna E. Brunt, Matthew J. Howard, Michael A. Francisco, Brett R. Ely and Christopher T. Minson. <i>Journal of Physiology</i> , 2016, 594, 7143-7144.	1.3	1
33	Thermoregulatory and Cardiovascular Adjustments to Acute Passive Heat Exposure in Low-level Spinal Cord Injury. , 0, 32, 722.7.		1
34	Methods to Enhance the Beneficial Effects of Exercise in Individuals with Spinal Cord Injuries. <i>Physiology in Health and Disease</i> , 2022, , 387-407.	0.2	1
35	Skin Temperature and Hydration Effects on Vascular Fluid Dynamics During Cycle Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 802.	0.2	0
36	Ingestible Telemetry Core Temperature Sensor Measurements Are Affected By Gastrointestinal Tract Location. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S366.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Flow-mediated dilation responses to exogenous testosterone administration in healthy males. FASEB Journal, 2013, 27, 1196.8.	0.2	0
38	Thermoregulatory and Cardiovascular Adjustments to Acute Passive Heat Exposure in Low-level Spinal Cord Injury. FASEB Journal, 2018, 32, .	0.2	0