

# Jonathan E Wingo

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61  
papers

1,154  
citations

20  
h-index

33  
g-index

88  
ext. papers

1,285  
ext. citations

2.2  
avg, IF

4.06  
L-index

#	Paper	IF	Citations
61	Skin blood flow and local temperature independently modify sweat rate during passive heat stress in humans. <i>Journal of Applied Physiology</i> , <b>2010</b> , 109, 1301-6	3.7	78
60	The effects of reduced end-tidal carbon dioxide tension on cerebral blood flow during heat stress. <i>Journal of Physiology</i> , <b>2009</b> , 587, 3921-7	3.9	77
59	Caffeinated sports drink: ergogenic effects and possible mechanisms. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2007</b> , 17, 35-55	4.4	66
58	Cardiovascular drift is related to reduced maximal oxygen uptake during heat stress. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 248-55	1.2	61
57	Acute volume expansion preserves orthostatic tolerance during whole-body heat stress in humans. <i>Journal of Physiology</i> , <b>2009</b> , 587, 1131-9	3.9	56
56	Consensus Recommendations on Training and Competing in the Heat. <i>Sports Medicine</i> , <b>2015</b> , 45, 925-38	10.6	55
55	Cardiac systolic and diastolic function during whole body heat stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 296, H1150-6	5.2	54
54	Sympathetic nerve activity and whole body heat stress in humans. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 1329-34	3.7	53
53	Cardiovascular drift during heat stress: implications for exercise prescription. <i>Exercise and Sport Sciences Reviews</i> , <b>2012</b> , 40, 88-94	6.7	51
52	Cerebrovascular responsiveness to steady-state changes in end-tidal CO <sub>2</sub> during passive heat stress. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 976-81	3.7	49
51	Fluid ingestion attenuates the decline in VO <sub>2</sub> peak associated with cardiovascular drift. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 901-9	1.2	39
50	Dynamic cerebral autoregulation during passive heat stress in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2009</b> , 296, R1598-605	3.2	38
49	Effects of heat stress on dynamic cerebral autoregulation during large fluctuations in arterial blood pressure. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 1722-9	3.7	32
48	Half-marathon and full-marathon runners' hydration practices and perceptions. <i>Journal of Athletic Training</i> , <b>2011</b> , 46, 581-91	4	29
47	Effect of ambient temperature on cardiovascular drift and maximal oxygen uptake. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, 1065-71	1.2	29
46	Body cooling attenuates the decrease in maximal oxygen uptake associated with cardiovascular drift during heat stress. <i>European Journal of Applied Physiology</i> , <b>2006</b> , 98, 97-104	3.4	27
45	Nutritional, physiological, and perceptual responses during a summer ultraendurance cycling event. <i>Journal of Strength and Conditioning Research</i> , <b>2012</b> , 26, 307-18	3.2	26

44	Hydration during exercise in warm, humid conditions: effect of a caffeinated sports drink. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2007</b> , 17, 163-77	4.4	26
43	Practical Hydration Solutions for Sports. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	24
42	Effect of elevated local temperature on cutaneous vasoconstrictor responsiveness in humans. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 571-5	3.7	23
41	Heat-stress-induced changes in central venous pressure do not explain interindividual differences in orthostatic tolerance during heat stress. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 1283-9	3.7	20
40	Effect of whole body heat stress on peripheral vasoconstriction during leg dependency. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 1704-9	3.7	19
39	Influence of a Pre-Exercise Glycerol Hydration Beverage on Performance and Physiologic Function During Mountain-Bike Races in the Heat. <i>Journal of Athletic Training</i> , <b>2004</b> , 39, 169-175	4	19
38	Heart Rate Variability and Training Load Among National Collegiate Athletic Association Division 1 College Football Players Throughout Spring Camp. <i>Journal of Strength and Conditioning Research</i> , <b>2018</b> , 32, 3127-3134	3.2	18
37	Methodological assessment of skin and limb blood flows in the human forearm during thermal and baroreceptor provocations. <i>Journal of Applied Physiology</i> , <b>2010</b> , 109, 895-900	3.7	18
36	Intradermal administration of ATP does not mitigate tyramine-stimulated vasoconstriction in human skin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2010</b> , 298, R1417-20	3.2	17
35	Validity of Selected Bioimpedance Equations for Estimating Body Composition in Men and Women: A Four-Compartment Model Comparison. <i>Journal of Strength and Conditioning Research</i> , <b>2017</b> , 31, 1963-1972	3.2	15
34	Nitric oxide synthase inhibition attenuates cutaneous vasodilation during postmenopausal hot flash episodes. <i>Menopause</i> , <b>2010</b> , 17, 978-82	2.5	15
33	Maximal oxygen uptake after attenuation of cardiovascular drift during heat stress. <i>Aviation, Space, and Environmental Medicine</i> , <b>2006</b> , 77, 687-94		12
32	Impact of Measured vs. Predicted Residual Lung Volume on Body Fat Percentage Using Underwater Weighing and 4-Compartment Model. <i>Journal of Strength and Conditioning Research</i> , <b>2017</b> , 31, 2519-2527	3.2	10
31	Impact of upper body precooling during warm-up on subsequent time trial paced cycling in the heat. <i>Journal of Science and Medicine in Sport</i> , <b>2018</b> , 21, 621-625	4.4	9
30	Effect of two recovery methods on repeated closed-handed and open-handed weight-assisted pull-ups. <i>Journal of Strength and Conditioning Research</i> , <b>2012</b> , 26, 1348-52	3.2	8
29	Agreement between supine and standing bioimpedance spectroscopy devices and dual-energy X-ray absorptiometry for body composition determination. <i>Clinical Physiology and Functional Imaging</i> , <b>2019</b> , 39, 355-361	2.4	6
28	Post-prandial carbohydrate ingestion during 1-h of moderate-intensity, intermittent cycling does not improve mood, perceived exertion, or subsequent power output in recreationally-active exercisers. <i>Journal of the International Society of Sports Nutrition</i> , <b>2013</b> , 10, 4	4.5	6
27	Cardiovascular drift and Vo2max during cycling and walking in a temperate environment. <i>Aviation, Space, and Environmental Medicine</i> , <b>2012</b> , 83, 660-6		6

26	Heat acclimation of an adult female with a large surface area of grafted skin. <i>Journal of Burn Care and Research</i> , <b>2008</b> , 29, 848-51	0.8	6
25	Cutaneous vascular responses to hypercapnia during whole-body heating. <i>Aviation, Space, and Environmental Medicine</i> , <b>2008</b> , 79, 1081-5		6
24	Author's Reply to Brocherie and Millet: Is the Wet-Bulb Globe Temperature (WBGT) Index Relevant for Exercise in the Heat? <i>Sports Medicine</i> , <b>2015</b> , 45, 1623-4	10.6	5
23	Comparison of Bioelectrical Impedance Analysis and Dual-Energy X-Ray Absorptiometry for Estimating Bone Mineral Content. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2018</b> , 28, 542-546	4.4	5
22	Physiological And Performance Effects Of Crossfit. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 270	1.2	5
21	Cardiovascular Drift and Maximal Oxygen Uptake during Running and Cycling in the Heat. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 1924-1932	1.2	5
20	Human Heat Physiology <b>2018</b> , 15-30		4
19	Fan cooling after cardiovascular drift does not reverse decrements in maximal oxygen uptake during heat stress. <i>Temperature</i> , <b>2019</b> , 6, 260-270	5.2	4
18	Roundtable on Preseason Heat Safety in Secondary School Athletics: Heat Acclimatization. <i>Journal of Athletic Training</i> , <b>2021</b> , 56, 352-361	4	4
17	Menstrual cycle effects on cardiovascular drift and maximal oxygen uptake during exercise heat stress. <i>European Journal of Applied Physiology</i> , <b>2021</b> , 121, 561-572	3.4	4
16	Effect of Ice Slurry Ingestion on Cardiovascular Drift and $\dot{V}O_{2max}$ during Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 582-589	1.2	3
15	Ice Slurry Ingestion and Physiological Strain During Exercise in Non-Compensable Heat Stress. <i>Aerospace Medicine and Human Performance</i> , <b>2018</b> , 89, 434-441	1.1	3
14	Precooling and Warm-Up Effects on Time Trial Cycling During Heat Stress. <i>Aerospace Medicine and Human Performance</i> , <b>2018</b> , 89, 87-93	1.1	1
13	Exercise science: research to sustain and enhance performance <b>2013</b> ,		1
12	Combined facial heating and inhalation of hot air do not alter thermoeffector responses in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 309, R623-7	3.2	1
11	An Evaluation of Select Physical Activity Exercise Classes on Bone Metabolism. <i>International Journal of Exercise Science</i> , <b>2018</b> , 11, 452-461	1.3	1
10	Voluntary Intake of Ice Slurry Beverages and Exercise Performance During Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 489	1.2	0
9	ATP Does Not Mitigate Adrenergically-Mediated Vasoconstriction in Human Skin. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 276	1.2	

8	Effect of Magnesium Carbonate Use on Repeated Open-Handed and Pinch Grip Weight-Assisted Pull-Ups. <i>International Journal of Exercise Science</i> , <b>2018</b> , 11, 479-492	1.3
7	Effect of hypercapnia on skin blood flow during normothermia and whole-body heating. <i>FASEB Journal</i> , <b>2007</b> , 21, A1313	0.9
6	Dynamic cerebral autoregulation during passive heat stress. <i>FASEB Journal</i> , <b>2008</b> , 22, 956.8	0.9
5	Tissue Doppler indices of cardiac contractile function during whole-body heat stress. <i>FASEB Journal</i> , <b>2008</b> , 22, 970.24	0.9
4	Heat Acclimation of an Individual with a Spinal Cord Injury: A Case Report. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, S334	1.2
3	Effect of Exercise Mode on Cardiovascular Drift and Maximal Oxygen Uptake During Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , <b>2017</b> , 49, 669	1.2
2	Effect of whole-body heat stress on peripheral vasoconstriction during engagement of the venoarteriolar response. <i>FASEB Journal</i> , <b>2009</b> , 23, 788.9	0.9
1	Changes in central venous pressure during heat stress as a possible predictor of compromised blood pressure control during simulated hemorrhage. <i>FASEB Journal</i> , <b>2010</b> , 24, 991.18	0.9