Jonathan E Wingo

List of Publications by Year
in descending order

87 papers	1,441 citations	304368 22 h-index	344852 36 g-index
88 all docs	88 docs citations	88 times ranked	1273 citing authors

#	Article	IF	Citations
1	The effects of reduced endâ€tidal carbon dioxide tension on cerebral blood flow during heat stress. Journal of Physiology, 2009, 587, 3921-3927.	1.3	89
2	Skin blood flow and local temperature independently modify sweat rate during passive heat stress in humans. Journal of Applied Physiology, 2010, 109, 1301-1306.	1.2	89
3	Caffeinated Sports Drink: Ergogenic Effects and Possible Mechanisms. International Journal of Sport Nutrition and Exercise Metabolism, 2007, 17, 35-55.	1.0	81
4	Cardiovascular Drift Is Related to Reduced Maximal Oxygen Uptake during Heat Stress. Medicine and Science in Sports and Exercise, 2005, 37, 248-255.	0.2	78
5	Consensus Recommendations on Training and Competing in the Heat. Sports Medicine, 2015, 45, 925-938.	3.1	70
6	Sympathetic nerve activity and whole body heat stress in humans. Journal of Applied Physiology, 2011, 111, 1329-1334.	1.2	65
7	Acute volume expansion preserves orthostatic tolerance during wholeâ€body heat stress in humans. Journal of Physiology, 2009, 587, 1131-1139.	1.3	64
8	Cardiac systolic and diastolic function during whole body heat stress. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1150-H1156.	1.5	62
9	Cardiovascular Drift During Heat Stress. Exercise and Sport Sciences Reviews, 2012, 40, 88-94.	1.6	62
10	Practical Hydration Solutions for Sports. Nutrients, 2019, 11, 1550.	1.7	55
11	Cerebrovascular responsiveness to steady-state changes in end-tidal CO₂ during passive heat stress. Journal of Applied Physiology, 2008, 104, 976-981.	1.2	53
12	Fluid Ingestion Attenuates the Decline in V̀‡O2peak Associated with Cardiovascular Drift. Medicine and Science in Sports and Exercise, 2006, 38, 901-909.	0.2	47
13	Effects of heat stress on dynamic cerebral autoregulation during large fluctuations in arterial blood pressure. Journal of Applied Physiology, 2009, 107, 1722-1729.	1.2	41
14	Dynamic cerebral autoregulation during passive heat stress in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1598-R1605.	0.9	41
15	Effect of Ambient Temperature on Cardiovascular Drift and Maximal Oxygen Uptake. Medicine and Science in Sports and Exercise, 2008, 40, 1065-1071.	0.2	40
16	Half-Marathon and Full-Marathon Runners' Hydration Practices and Perceptions. Journal of Athletic Training, 2011, 46, 581-591.	0.9	36
17	Hydration during Exercise in Warm, Humid Conditions: Effect of a Caffeinated Sports Drink. International Journal of Sport Nutrition and Exercise Metabolism, 2007, 17, 163-177.	1.0	34
18	Nutritional, Physiological, and Perceptual Responses During a Summer Ultraendurance Cycling Event. Journal of Strength and Conditioning Research, 2012, 26, 307-318.	1.0	32

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19	Body cooling attenuates the decrease in maximal oxygen uptake associated with cardiovascular drift during heat stress. European Journal of Applied Physiology, 2006, 98, 97-104.	1.2	29
20	Effect of elevated local temperature on cutaneous vasoconstrictor responsiveness in humans. Journal of Applied Physiology, 2009, 106, 571-575.	1.2	25
21	Effect of whole body heat stress on peripheral vasoconstriction during leg dependency. Journal of Applied Physiology, 2009, 107, 1704-1709.	1.2	24
22	Heart Rate Variability and Training Load Among National Collegiate Athletic Association Division 1 College Football Players Throughout Spring Camp. Journal of Strength and Conditioning Research, 2018, 32, 3127-3134.	1.0	24
23	Methodological assessment of skin and limb blood flows in the human forearm during thermal and baroreceptor provocations. Journal of Applied Physiology, 2010, 109, 895-900.	1.2	23
24	Heat-stress-induced changes in central venous pressure do not explain interindividual differences in orthostatic tolerance during heat stress. Journal of Applied Physiology, 2011, 110, 1283-1289.	1.2	22
25	Nitric oxide synthase inhibition attenuates cutaneous vasodilation during postmenopausal hot flash episodes. Menopause, 2010, 17, 978-982.	0.8	21
26	Influence of a Pre-Exercise Glycerol Hydration Beverage on Performance and Physiologic Function During Mountain-Bike Races in the Heat. Journal of Athletic Training, 2004, 39, 169-175.	0.9	21
27	Intradermal administration of ATP does not mitigate tyramine-stimulated vasoconstriction in human skin. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1417-R1420.	0.9	18
28	Validity of Selected Bioimpedance Equations for Estimating Body Composition in Men and Women: A Four-Compartment Model Comparison. Journal of Strength and Conditioning Research, 2017, 31, 1963-1972.	1.0	16
29	Agreement between supine and standing bioimpedance spectroscopy devices and dualâ€energy Xâ€ray absorptiometry for body composition determination. Clinical Physiology and Functional Imaging, 2019, 39, 355-361.	0.5	16
30	Roundtable on Preseason Heat Safety in Secondary School Athletics: Heat Acclimatization. Journal of Athletic Training, 2021, 56, 352-361.	0.9	16
31	Impact of upper body precooling during warm-up on subsequent time trial paced cycling in the heat. Journal of Science and Medicine in Sport, 2018, 21, 621-625.	0.6	12
32	Maximal oxygen uptake after attenuation of cardiovascular drift during heat stress. Aviation, Space, and Environmental Medicine, 2006, 77, 687-94.	0.6	12
33	Impact of Measured vs. Predicted Residual Lung Volume on Body Fat Percentage Using Underwater Weighing and 4-Compartment Model. Journal of Strength and Conditioning Research, 2017, 31, 2519-2527.	1.0	10
34	Effect of Two Recovery Methods on Repeated Closed-Handed and Open-Handed Weight-Assisted Pull-Ups. Journal of Strength and Conditioning Research, 2012, 26, 1348-1352.	1.0	9
35	Ice Slurry Ingestion and Physiological Strain During Exercise in Non-Compensable Heat Stress. Aerospace Medicine and Human Performance, 2018, 89, 434-441.	0.2	9
36	Heat Acclimation of an Adult Female With a Large Surface Area of Grafted Skin. Journal of Burn Care and Research, 2008, 29, 848-851.	0.2	8

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37	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. Journal of the International Society of Sports Nutrition, 2013, 10, 4.	1.7	8
38	Effect of Ice Slurry Ingestion on Cardiovascular Drift and VË™O2max during Heat Stress. Medicine and Science in Sports and Exercise, 2019, 51, 582-589.	0.2	8
39	Cutaneous Vascular Responses to Hypercapnia During Whole-Body Heating. Aviation, Space, and Environmental Medicine, 2008, 79, 1081-1085.	0.6	7
40	Cardiovascular Drift and Vo_{2max} During Cycling and Walking in a Temperate Environment. Aviation, Space, and Environmental Medicine, 2012, 83, 660-666.	0.6	7
41	Comparison of Bioelectrical Impedance Analysis and Dual-Energy X-Ray Absorptiometry for Estimating Bone Mineral Content. International Journal of Sport Nutrition and Exercise Metabolism, 2018, 28, 542-546.	1.0	7
42	Cardiovascular Drift and Maximal Oxygen Uptake during Running and Cycling in the Heat. Medicine and Science in Sports and Exercise, 2020, 52, 1924-1932.	0.2	7
43	Menstrual cycle effects on cardiovascular drift and maximal oxygen uptake during exercise heat stress. European Journal of Applied Physiology, 2021, 121, 561-572.	1.2	7
44	Physiological And Performance Effects Of Crossfit. Medicine and Science in Sports and Exercise, 2014, 46, 270.	0.2	6
45	Authorâ€™s Reply to Brocherie and Millet: â€˜Is the Wet-Bulb Globe Temperature (WGBT) Index Relevant for Exercise in the Heat?â€™. Sports Medicine, 2015, 45, 1623-1624.	3.1	6
46	Fan cooling after cardiovascular drift does not reverse decrements in maximal oxygen uptake during heat stress. Temperature, 2019, 6, 260-270.	1.7	5
47	Human Heat Physiology. , 2018, , 15-30.		4
48	Carbohydrate Ingestion During 50 Min of Cycling Does Not Alter Mood, Perceived Exertion, or Performance. Medicine and Science in Sports and Exercise, 2011, 43, 598-599.	0.2	2
49	Precooling and Warm-Up Effects on Time Trial Cycling During Heat Stress. Aerospace Medicine and Human Performance, 2018, 89, 87-93.	0.2	2
50	Exercise science: research to sustain and enhance performance. , 2013, , .		1
51	Combined facial heating and inhalation of hot air do not alter thermoeffector responses in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R623-R627.	0.9	1
52	Sympathetic Nerve Activity and Whole-Body Heat Stress. Medicine and Science in Sports and Exercise, 2008, 40, S334.	0.2	1
53	An Evaluation of Select Physical Activity Exercise Classes (PEX) on Bone Mineral Density. Medicine and Science in Sports and Exercise, 2016, 48, 186.	0.2	1
54	Acute Effect of Energy Drink Consumption on Heart Rate Variability. Medicine and Science in Sports and Exercise, 2016, 48, 367.	0.2	1

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55	Thermoregulatory Adaptations following Sprint Interval Training. Human Performance in Extreme Environments, 2018, 14, .	0.4	1
56	Effect Of Cardiovascular Drift On Maximal Oxygen Uptake At Two Ambient Temperatures. Medicine and Science in Sports and Exercise, 2005, 37, S169.	0.2	1
57	Voluntary Intake of Ice Slurry Beverages and Exercise Performance During Heat Stress. Medicine and Science in Sports and Exercise, 2017, 49, 489.	0.2	1
58	Effect of Magnesium Carbonate Use on Repeated Open-Handed and Pinch Grip Weight-Assisted Pull-Ups. International Journal of Exercise Science, 2018, 11, 479-492.	0.5	1
59	An Evaluation of Select Physical Activity Exercise Classes on Bone Metabolism. International Journal of Exercise Science, 2018, 11, 452-461.	0.5	1
60	ATP Does Not Mitigate Adrenergically-Mediated Vasoconstriction in Human Skin. Medicine and Science in Sports and Exercise, 2010, 42, 276.	0.2	0
61	The Effect of Acute Carbohydrate-Protein Supplementation Following Exhaustive Resistance Exercise in Trained Females. Medicine and Science in Sports and Exercise, 2011, 43, 587-588.	0.2	0
62	Effect Of Leg Cooling Versus Ice Vest Cooling On Time Trial Paced Cycling. Medicine and Science in Sports and Exercise, 2011, 43, 74.	0.2	0
63	Effect Of Ice Bag Recovery On Closed- And Open-Handed Weight-Assisted Pull-Ups. Medicine and Science in Sports and Exercise, 2011, 43, 399.	0.2	0
64	Construct Validity of Two Agility Tests for WheelChair. Medicine and Science in Sports and Exercise, 2014, 46, 844.	0.2	0
65	Acute Cooling Does not Attenuate the VO2max Reduction Associated with Cardiovascular Drift During Heat Stress. Medicine and Science in Sports and Exercise, 2014, 46, 702.	0.2	0
66	Precooling and Warm-up Effects on Time Trial Cycling Performance During Heat Stress. Medicine and Science in Sports and Exercise, 2015, 47, 461.	0.2	0
67	Affective Responses to Acute Moderate Intensity Physical Activity (Walking). Medicine and Science in Sports and Exercise, 2016, 48, 1051.	0.2	0
68	Effect of Precooling On Cardiovascular Drift And Maximal Oxygen Uptake. Medicine and Science in Sports and Exercise, 2016, 48, 560.	0.2	0
69	Fluid Ingestion Attenuates The Decline In Vo2max Associated With Cardiovascular Drift. Medicine and Science in Sports and Exercise, 2005, 37, S29.	0.2	0
70	Effect of Exercise at Constant Heart Rate on Maximal Oxygen Uptake During Heat Stress. Medicine and Science in Sports and Exercise, 2006, 38, S321.	0.2	0
71	Validation of the Polar S410 Heart Rate Monitor for Estimating Energy Expenditure in Women. Medicine and Science in Sports and Exercise, 2006, 38, S463.	0.2	0
72	Effect of hypercapnia on skin blood flow during normothermia and wholeâ€body heating. FASEB Journal, 2007, 21, A1313.	0.2	0

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73	Dynamic cerebral autoregulation during passive heat stress. FASEB Journal, 2008, 22, 956.8.	0.2	0
74	Tissue Doppler indices of cardiac contractile function during wholeâ€body heat stress. FASEB Journal, 2008, 22, 970.24.	0.2	0
75	Sweating Responsiveness to Reduced Skin Blood Flow During Passive Heat Stress. Medicine and Science in Sports and Exercise, 2008, 40, S334.	0.2	0
76	Heat Acclimation of an Individual with a Spinal Cord Injury: A Case Report. Medicine and Science in Sports and Exercise, 2008, 40, S334.	0.2	0
77	Effect of wholeâ€body heat stress on peripheral vasoconstriction during engagement of the venoarteriolar response. FASEB Journal, 2009, 23, 788.9.	0.2	0
78	Changes in central venous pressure during heat stress as a possible predictor of compromised blood pressure control during simulated hemorrhage. FASEB Journal, 2010, 24, 991.18.	0.2	0
79	Effect of Ice Slurry Ingestion on Cardiovascular Drift and Maximal Oxygen Uptake During Heat Stress. Medicine and Science in Sports and Exercise, 2016, 48, 561.	0.2	0
80	Effect of Exercise Mode on Cardiovascular Drift and Maximal Oxygen Uptake During Heat Stress. Medicine and Science in Sports and Exercise, 2017, 49, 669.	0.2	0
81	Efficacy of a Newly Developed Phase II Cardiopulmonary Rehabilitation Program in the Rural Southeastern United States. Medicine and Science in Sports and Exercise, 2018, 50, 194.	0.2	0
82	Fitness Level Does Not Impact Cardiovascular Drift and Decreased Maximal Oxygen Uptake during Heat Stress. Medicine and Science in Sports and Exercise, 2018, 50, 119.	0.2	0
83	Relationship between Affective State and Enjoyment of Acute Exercise. Medicine and Science in Sports and Exercise, 2018, 50, 89.	0.2	0
84	Cardiovascular Drift and Maximal Oxygen Uptake in Men Versus Women During Heat Stress. Medicine and Science in Sports and Exercise, 2019, 51, 256-256.	0.2	0
85	Occupation-Specific Physical Demands And Physiological Strain Of American Football Referees While Officiating. Medicine and Science in Sports and Exercise, 2020, 52, 297-297.	0.2	0
86	Physiological Responses To Heat Stress In Groundskeepers. Medicine and Science in Sports and Exercise, 2020, 52, 298-298.	0.2	0
87	Physical demands and physiological strain of American football referees while officiating. Physician and Sportsmedicine, 2023, 51, 351-360.	1.0	0