Martin P Poirier

List of Publications by Year
in descending order

36	891	394421 19	454955 30
papers	citations	h-index	g-index

36	36	36	632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aging impairs heat loss, but when does it matter?. Journal of Applied Physiology, 2015, 118, 299-309.	2.5	83
2	Hyperthermia and cardiovascular strain during an extreme heat exposure in young versus older adults. Temperature, 2017, 4, 79-88.	3.0	80
3	Whole-Body Heat Exchange during Heat Acclimation and Its Decay. Medicine and Science in Sports and Exercise, 2015, 47, 390-400.	0.4	56
4	An Evaluation of the Physiological Strain Experienced by Electrical Utility Workers in North America. Journal of Occupational and Environmental Hygiene, 2015, 12, 708-720.	1.0	54
5	Screening criteria for increased susceptibility to heat stress during work or leisure in hot environments in healthy individuals aged 31â€“70 years. Temperature, 2018, 5, 86-99.	3.0	50
6	At What Level of Heat Load Are Age-Related Impairments in the Ability to Dissipate Heat Evident in Females?. PLoS ONE, 2015, 10, e0119079.	2.5	49
7	Changes in heart rate variability during the induction and decay of heat acclimation. European Journal of Applied Physiology, 2014, 114, 2119-2128.	2.5	46
8	Exploring the mechanisms underpinning sweating: the development of a specialized ventilated capsule for use with intradermal microdialysis. Physiological Reports, 2016, 4, e12738.	1.7	40
9	Do the Threshold Limit Values for Work in Hot Conditions Adequately Protect Workers?. Medicine and Science in Sports and Exercise, 2016, 48, 1187-1196.	0.4	38
10	Menstrual cycle phase does not modulate whole body heat loss during exercise in hot, dry conditions. Journal of Applied Physiology, 2019, 126, 286-293.	2.5	34
11	Water Immersion in the Treatment of Exertional Hyperthermia. Medicine and Science in Sports and Exercise, 2014, 46, 1727-1735.	0.4	33
12	Heart rate variability during high heat stress: a comparison between young and older adults with and without Type 2 diabetes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R669-R675.	1.8	30
13	The physical demands of electrical utilities work in North America. Journal of Occupational and Environmental Hygiene, 2016, 13, 60-70.	1.0	30
14	Fitnessâ€related differences in the rate of wholeâ€body evaporative heat loss in exercising men are heatâ€load dependent. Experimental Physiology, 2018, 103, 101-110.	2.0	29
15	Exercise Heat Stress in Patients With and Without Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2019, 322, 1409.	7.4	29
16	Aging Impairs Whole-Body Heat Loss in Women under Both Dry and Humid Heat Stress. Medicine and Science in Sports and Exercise, 2017, 49, 2324-2332.	0.4	26
17	Heat Tolerance and Occupational Heat Exposure Limits in Older Men with and without Type 2 Diabetes or Hypertension. Medicine and Science in Sports and Exercise, 2021, 53, 2196-2206.	0.4	24
18	Increasing age is a major risk factor for susceptibility to heat stress during physical activity. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1232-1235.	1.9	23

#	Article	IF	Citations
19	Local versus whole-body sweating adaptations following 14 days of traditional heat acclimation. Applied Physiology, Nutrition and Metabolism, 2016, 41, 816-824.	1.9	21
20	Fitnessâ€related differences in the rate of wholeâ€body total heat loss in exercising young healthy women are heatâ€load dependent. Experimental Physiology, 2018, 103, 312-317.	2.0	20
21	Temperature of Ingested Water during Exercise Does Not Affect Body Heat Storage. Medicine and Science in Sports and Exercise, 2015, 47, 1272-1280.	0.4	16
22	The Influence of Arc-Flash and Fire-Resistant Clothing on Thermoregulation during Exercise in the Heat. Journal of Occupational and Environmental Hygiene, 2015, 12, 654-667.	1.0	15
23	Evidence for ageâ€related differences in heat acclimatisation responsiveness. Experimental Physiology, 2020, 105, 1491-1499.	2.0	15
24	Type 2 diabetes does not exacerbate body heat storage in older adults during brief, extreme passive heat exposure. Temperature, 2020, 7, 263-269.	3.0	8
25	Physical characteristics cannot be used to predict cooling time using cold-water immersion as a treatment for exertional hyperthermia. Applied Physiology, Nutrition and Metabolism, 2018, 43, 857-860.	1.9	7
26	Impaired whole-body heat loss in type 1 diabetes during exercise in the heat: a cause for concern?. Diabetologia, 2019, 62, 1087-1089.	6.3	7
27	Oxidative stress does not influence local sweat rate during highâ€intensity exercise. Experimental Physiology, 2018, 103, 172-178.	2.0	6
28	Heat tolerance and the validity of occupational heat exposure limits in women during moderate-intensity work. Applied Physiology, Nutrition and Metabolism, 2022, 47, 711-724.	1.9	6
29	Self-reported physical activity level does not alter whole-body total heat loss independently of aerobic fitness in young adults during exercise in the heat. Applied Physiology, Nutrition and Metabolism, 2019, 44, 99-102.	1.9	5
30	The Hexoskin physiological monitoring shirt does not impair whole-body heat loss during exercise in hot-dry conditions. Applied Physiology, Nutrition and Metabolism, 2019, 44, 332-335.	1.9	4
31	Using heat as a therapeutic tool for the aging vascular tree. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H806-H807.	3.2	3
32	Effects of shortâ€term heat acclimation on wholeâ€body heat exchange and local nitric oxide synthaseâ€ and cyclooxygenaseâ€dependent heat loss responses in exercising older men. Experimental Physiology, 2021, 106, 450-462.	2.0	2
33	Response. Medicine and Science in Sports and Exercise, 2015, 47, 1318.	0.4	1
34	Postexercise whole-body sweating increases during muscle metaboreceptor activation in young men. Applied Physiology, Nutrition and Metabolism, 2018, 43, 423-426.	1.9	1
35	Defining Acceptable Coldâ€Water Immersion Times for the Treatment of Exertional Hyperthermia When Rectal Temperature Measurements are not Available. FASEB Journal, 2018, 32, 859.4.	0.5	0
36	A Preliminary Analysis of the Interâ€Individual Determinants of Wholeâ€Body Heat Exchange in 100 Young Men and Women during Exercise in the Heat. FASEB Journal, 2019, 33, 842.8.	0.5	0