Nigel As Taylor

List of Publications by Year in descending order

47 papers	1,943 citations	361413 20 h-index	289244 40 g-index
48 all docs	48 docs citations	48 times ranked	1875 citing authors

#	Article	IF	Citations
1	Hand and forearm cooling: exploring deep-body cooling in hyperthermic individuals following exercise-induced heating at three different work rates. Industrial Health, 2021, 59, 161-170.	1.0	2
2	Physiological interactions with personal-protective clothing, physically demanding work and global warming: An Asia-Pacific perspective. Journal of Thermal Biology, 2021, 97, 102858.	2.5	10
3	The origin, significance and plasticity of the thermoeffector thresholds: Extrapolation between humans and laboratory rodents. Journal of Thermal Biology, 2019, 85, 102397.	2.5	13
4	Revisiting the dermatomal recruitment of, and pressure-dependent influences on, human eccrine sweating. Journal of Thermal Biology, 2019, 82, 52-62.	2.5	4
5	Thermoeffector threshold plasticity: The impact of thermal pre-conditioning on sudomotor, cutaneous vasomotor and thermogenic thresholds. Journal of Thermal Biology, 2019, 83, 37-46.	2.5	9
6	Thermogenic and psychogenic sweating in humans: Identifying eccrine glandular recruitment patterns from glabrous and non-glabrous skin surfaces. Journal of Thermal Biology, 2019, 82, 242-251.	2.5	7
7	Thermal Stress and Its Physiological Implications. , 2019, , 349-379.		2
8	Cutaneous vasomotor adaptation following repeated, isothermal heat exposures: evidence of adaptation specificity. Applied Physiology, Nutrition and Metabolism, 2018, 43, 415-418.	1.9	6
9	Perspectives on resilience for military readiness and preparedness: Report of an international military physiology roundtable. Journal of Science and Medicine in Sport, 2018, 21, 1116-1124.	1.3	85
10	Indirect hand and forearm vasomotion: Regional variations in cutaneous thermosensitivity during normothermia and mild hyperthermia. Journal of Thermal Biology, 2017, 65, 95-104.	2.5	10
11	Thermogenic and psychogenic recruitment of human eccrine sweat glands: Variations between glabrous and non-glabrous skin surfaces. Journal of Thermal Biology, 2017, 65, 145-152.	2.5	11
12	The impact of ambulatory gradients on the oxygen cost of torso load carriage for people of varying body mass. Journal of Science and Medicine in Sport, 2017, 20, S40.	1.3	7
13	The effects of thoracic load carriage on maximal ambulatory work tolerance and acceptable work durations. European Journal of Applied Physiology, 2016, 116, 635-646.	2.5	17
14	Load carriage, human performance, and employment standards. Applied Physiology, Nutrition and Metabolism, 2016, 41, S131-S147.	1.9	61
15	Towards best practice in physical and physiological employment standards. Applied Physiology, Nutrition and Metabolism, 2016, 41, S47-S62.	1.9	34
16	Balancing ballistic protection against physiological strain: evidence from laboratory and field trials. Applied Physiology, Nutrition and Metabolism, 2016, 41, 117-124.	1.9	21
17	Is the dermatomal recruitment of sweating a physiological reality or a misinterpretation?. Extreme Physiology and Medicine, 2015, 4, .	2.5	2
18	Perspectives on Aerobic and Strength Influences on Military Physical Readiness. Journal of Strength and Conditioning Research, 2015, 29, S10-S23.	2.1	66

#	Article	IF	Citations
19	Overwhelming Physiological Regulation Through Personal Protection. Journal of Strength and Conditioning Research, 2015, 29, S111-S118.	2.1	20
20	Employment Standards for Australian Urban Firefighters. Journal of Occupational and Environmental Medicine, 2015, 57, 1072-1082.	1.7	24
21	Employment Standards for Australian Urban Firefighters. Journal of Occupational and Environmental Medicine, 2015, 57, 1063-1071.	1.7	24
22	Employment Standards for Australian Urban Firefighters. Journal of Occupational and Environmental Medicine, 2015, 57, 1083-1091.	1.7	15
23	Employment Standards for Australian Urban Firefighters. Journal of Occupational and Environmental Medicine, 2015, 57, 1092-1097.	1.7	24
24	What do firefighters desire from the next generation of personal protective equipment? Outcomes from an international survey. Industrial Health, 2015, 53, 434-444.	1.0	32
25	Cutaneous thermosensitivity differences among the face, hand or thigh appear not to exist for skin blood flow during normothermic states. Extreme Physiology and Medicine, 2015, 4, .	2.5	1
26	The impact of thermal pre-conditioning on cutaneous vasomotor and shivering thresholds. Extreme Physiology and Medicine, 2015, 4, A117.	2.5	3
27	Postural influences on sweating: exploring the effects of gravity and pressure. Extreme Physiology and Medicine, 2015, 4, A154.	2.5	1
28	Does the skin of mildly hyperthermic individuals display local variations in thermosensitivity for the control of skin blood flow?. Extreme Physiology and Medicine, 2015, 4, A94.	2.5	1
29	The utility of heart rate and minute ventilation as predictors of whole-body metabolic rate during occupational simulations involving load carriage. Ergonomics, 2015, 58, 1671-1681.	2.1	10
30	Considerations for the measurement of core, skin and mean body temperatures. Journal of Thermal Biology, 2014, 46, 72-101.	2.5	298
31	Human Heat Adaptation. , 2014, 4, 325-365.		268
32	Military Clothing and Protective Material: Protection at the Limits of Physiological Regulation. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2014, , 303-332.	1.0	9
33	Habituation of the metabolic and ventilatory responses to cold-water immersion in humans. Journal of Thermal Biology, 2013, 38, 24-31.	2.5	35
34	Regional variations in transepidermal water loss, eccrine sweat gland density, sweat secretion rates and electrolyte composition in resting and exercising humans. Extreme Physiology and Medicine, 2013, 2, 4.	2.5	337
35	Design data for footwear: sweating distribution on the human foot. International Journal of Clothing Science and Technology, 2013, 25, 43-58.	1.1	41
36	Immersion Treatment for Exertional Hyperthermia. Medicine and Science in Sports and Exercise, 2010, 42, 1246-1252.	0.4	52

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37	Challenges to Temperature Regulation When Working in Hot Environments. Industrial Health, 2006, 44, 331-344.	1.0	108
38	Ethnic differences in thermoregulation: Genotypic versus phenotypic heat adaptation. Journal of Thermal Biology, 2006, 31, 90-104.	2.5	80
39	Physiological consequences of wearing personal protective equipment: clothing and helmets. Elsevier Ergonomics Book Series, 2005, , 383-388.	0.1	2
40	An open-loop model for investigating mammalian thermosensitivity. Journal of Thermal Biology, 2004, 29, 703-707.	2.5	5
41	Intramuscular temperatures during exercise in the heat following pre-cooling and pre-heating. Journal of Thermal Biology, 2004, 29, 709-715.	2.5	25
42	Novel, high-amplitude blood-flow oscillations in vasodilating human skin. Journal of Thermal Biology, 2004, 29, 717-723.	2.5	2
43	Investigating high-amplitude oscillations in rat tail skin blood flow during core heating and cooling. Journal of Thermal Biology, 2004, 29, 779-783.	2.5	3
44	Cardiovascular and thermal consequences of protective clothing: a comparison of clothed and unclothed states. Ergonomics, 2004, 47, 1073-1086.	2.1	30
45	Metabolic Habituation Following Repeated Resting Cold-Water Immersion Is Not Apparent During Low-Intensity Cold-Water Exercise.. Journal of Physiological Anthropology and Applied Human Science, 2001, 20, 263-267.	0.4	23
46	PRINCIPLES AND PRACTICES OF HEAT ADAPTATION. Journal of the Human-Environment System, 2000, 4, 11-22.	0.1	41
47	Eccrine Sweat Glands. Sports Medicine, 1986, 3, 387-397.	6.5	56