

Ollie Jay

List of Publications by Citations

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173
papers

3,831
citations

32
h-index

53
g-index

190
ext. papers

4,859
ext. citations

4.7
avg, IF

6.08
L-index

#	Paper	IF	Citations
173	Heat stress in older individuals and patients with common chronic diseases. <i>Cmaj</i> , 2010 , 182, 1053-60	3.5	273
172	Physical work capacity in older adults: implications for the aging worker. <i>American Journal of Industrial Medicine</i> , 2008 , 51, 610-25	2.7	194
171	Thermometry, calorimetry, and mean body temperature during heat stress. <i>Comprehensive Physiology</i> , 2013 , 3, 1689-719	7.7	151
170	The evaporative requirement for heat balance determines whole-body sweat rate during exercise under conditions permitting full evaporation. <i>Journal of Physiology</i> , 2013 , 591, 2925-35	3.9	134
169	Selecting the correct exercise intensity for unbiased comparisons of thermoregulatory responses between groups of different mass and surface area. <i>Journal of Applied Physiology</i> , 2014 , 116, 1123-32	3.7	114
168	Large differences in peak oxygen uptake do not independently alter changes in core temperature and sweating during exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R832-41	3.2	98
167	Biophysical aspects of human thermoregulation during heat stress. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016 , 196, 3-13	2.4	97
166	Consensus recommendations on training and competing in the heat. <i>British Journal of Sports Medicine</i> , 2015 , 49, 1164-73	10.3	90
165	Aerobic fitness and body fatness describe minimal variability in the thermoregulatory responses to exercise after accounting for heat production and body size. <i>Extreme Physiology and Medicine</i> , 2015 , 4,		78
164	Heat exposure in the Canadian workplace. <i>American Journal of Industrial Medicine</i> , 2010 , 53, 842-53	2.7	61
163	Explained variance in the thermoregulatory responses to exercise: the independent roles of biophysical and fitness/fatness-related factors. <i>Journal of Applied Physiology</i> , 2015 , 119, 982-9	3.7	60
162	Estimating changes in mean body temperature for humans during exercise using core and skin temperatures is inaccurate even with a correction factor. <i>Journal of Applied Physiology</i> , 2007 , 103, 443-51	3.7	58
161	Sex-related differences in evaporative heat loss: the importance of metabolic heat production. <i>European Journal of Applied Physiology</i> , 2008 , 104, 821-9	3.4	57
160	A three-compartment thermometry model for the improved estimation of changes in body heat content. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 292, R167-75	3.2	57
159	Consensus Recommendations on Training and Competing in the Heat. <i>Sports Medicine</i> , 2015 , 45, 925-38	10.6	55
158	Heart rate and body temperature responses to extreme heat and humidity with and without electric fans. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 724-5	27.4	54
157	Hot weather and heat extremes: health risks. <i>Lancet, The</i> , 2021 , 398, 698-708	40	48

156	A comparison between the technical absorbent and ventilated capsule methods for measuring local sweat rate. <i>Journal of Applied Physiology</i> , 2013 , 114, 816-23	3.7	47
155	Calorimetric measurement of postexercise net heat loss and residual body heat storage. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1629-36	1.2	47
154	Ice Slurry Ingestion Leads to a Lower Net Heat Loss during Exercise in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 114-22	1.2	46
153	Evidence that transient changes in sudomotor output with cold and warm fluid ingestion are independently modulated by abdominal, but not oral thermoreceptors. <i>Journal of Applied Physiology</i> , 2014 , 116, 1088-95	3.7	44
152	Aural canal, esophageal, and rectal temperatures during exertional heat stress and the subsequent recovery period. <i>Journal of Athletic Training</i> , 2010 , 45, 157-63	4	42
151	Maximum Skin Wettedness after Aerobic Training with and without Heat Acclimation. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 299-307	1.2	41
150	Submaximal exercise intensity modulates acute post-exercise heart rate variability. <i>European Journal of Applied Physiology</i> , 2016 , 116, 697-706	3.4	40
149	Partitional calorimetry. <i>Journal of Applied Physiology</i> , 2019 , 126, 267-277	3.7	40
148	Core temperature differences between males and females during intermittent exercise: physical considerations. <i>European Journal of Applied Physiology</i> , 2009 , 105, 453-61	3.4	39
147	Should electric fans be used during a heat wave?. <i>Applied Ergonomics</i> , 2015 , 46 Pt A, 137-43	4.2	38
146	Does Cold Water or Ice Slurry Ingestion During Exercise Elicit a Net Body Cooling Effect in the Heat?. <i>Sports Medicine</i> , 2018 , 48, 17-29	10.6	38
145	A comparison of thermoregulatory responses to exercise between mass-matched groups with large differences in body fat. <i>Journal of Applied Physiology</i> , 2016 , 120, 615-23	3.7	35
144	Postexercise hypotension causes a prolonged perturbation in esophageal and active muscle temperature recovery. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R580-8	3.2	34
143	The Effects of Electric Fan Use Under Differing Resting Heat Index Conditions: A Clinical Trial. <i>Annals of Internal Medicine</i> , 2019 , 171, 675-677	8	34
142	Sex differences in postexercise esophageal and muscle tissue temperature response. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 292, R1632-40	3.2	33
141	Occupational heat stress in Australian workplaces. <i>Temperature</i> , 2016 , 3, 394-411	5.2	32
140	Local sweating on the forehead, but not forearm, is influenced by aerobic fitness independently of heat balance requirements during exercise. <i>Experimental Physiology</i> , 2012 , 97, 572-82	2.4	32
139	The Determination of Changes in Body Heat Content during Exercise Using Calorimetry and Thermometry. <i>Journal of the Human-Environment System</i> , 2007 , 10, 19-29	0.4	31

138	Body heat storage during physical activity is lower with hot fluid ingestion under conditions that permit full evaporation. <i>Acta Physiologica</i> , 2012 , 206, 98-108	5.6	30
137	Running economy, not aerobic fitness, independently alters thermoregulatory responses during treadmill running. <i>Journal of Applied Physiology</i> , 2014 , 117, 1451-9	3.7	29
136	Describing individual variation in local sweating during exercise in a temperate environment. <i>European Journal of Applied Physiology</i> , 2011 , 111, 1599-607	3.4	29
135	Sweating is greater in NCAA football linemen independently of heat production. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 244-52	1.2	29
134	Heat balance and cumulative heat storage during intermittent bouts of exercise. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 588-96	1.2	29
133	Simplicity lacks robustness when projecting heat-health outcomes in a changing climate. <i>Nature Communications</i> , 2020 , 11, 6079	17.4	29
132	Does summer in a humid continental climate elicit an acclimatization of human thermoregulatory responses?. <i>European Journal of Applied Physiology</i> , 2011 , 111, 1197-205	3.4	28
131	Current evidence does not support an anticipatory regulation of exercise intensity mediated by rate of body heat storage. <i>Journal of Applied Physiology</i> , 2009 , 107, 630-1	3.7	28
130	Differences between sexes in rectal cooling rates after exercise-induced hyperthermia. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 1633-9	1.2	27
129	Temperature limit values for touching cold surfaces with the fingertip. <i>Annals of Occupational Hygiene</i> , 2006 , 50, 851-62		27
128	15 degrees head-down tilt attenuates the postexercise reduction in cutaneous vascular conductance and sweating and decreases esophageal temperature recovery time. <i>Journal of Applied Physiology</i> , 2006 , 101, 840-7	3.7	26
127	Sustainable solutions to mitigate occupational heat strain - an umbrella review of physiological effects and global health perspectives. <i>Environmental Health</i> , 2020 , 19, 95	6	25
126	Heat stress and fetal risk. Environmental limits for exercise and passive heat stress during pregnancy: a systematic review with best evidence synthesis. <i>British Journal of Sports Medicine</i> , 2019 , 53, 799-805	10.3	25
125	Nutrient-specific compensation for seasonal cold stress in a free-ranging temperate colobine monkey. <i>Functional Ecology</i> , 2018 , 32, 2170-2180	5.6	24
124	In-Play Cooling Interventions for Simulated Match-Play Tennis in Hot/Humid Conditions. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 991-998	1.2	23
123	Autonomic dysfunction in multiple sclerosis: implications for exercise. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 188, 82-5	2.4	23
122	The effects of hyperthermia and hypoxia on ventilation during low-intensity steady-state exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 292, R195-203	3.2	23
121	Finger skin cooling on contact with cold materials: a comparison between male and female responses during short-term exposures. <i>European Journal of Applied Physiology</i> , 2004 , 91, 373-81	3.4	23

120	Reducing the health effects of hot weather and heat extremes: from personal cooling strategies to green cities. <i>Lancet, The</i> , 2021 , 398, 709-724	4.0	23
119	Active video games and energy balance in male adolescents: a randomized crossover trial. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 1126-34	7	22
118	Heat balance and cumulative heat storage during exercise performed in the heat in physically active younger and middle-aged men. <i>European Journal of Applied Physiology</i> , 2010 , 109, 81-92	3.4	22
117	Hyperthermia modifies the nonthermal contribution to postexercise heat loss responses. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 513-22	1.2	22
116	Disturbance of thermal homeostasis following dynamic exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 818-31	3	22
115	The effect of exercise training on resting metabolic rate in type 2 diabetes mellitus. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 1558-65	1.2	21
114	Evidence of a greater onset threshold for sweating in females following intense exercise. <i>European Journal of Applied Physiology</i> , 2007 , 101, 487-93	3.4	21
113	Influence of adiposity on cooling efficiency in hyperthermic individuals. <i>European Journal of Applied Physiology</i> , 2008 , 104, 67-74	3.4	21
112	Age Modulates Physiological Responses during Fan Use under Extreme Heat and Humidity. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2333-2342	1.2	20
111	Maximum heat loss potential is lower in football linemen during an NCAA summer training camp because of lower self-generated air flow. <i>Journal of Strength and Conditioning Research</i> , 2014 , 28, 1656-63	3.2	20
110	Human face-only immersion in cold water reduces maximal apnoeic times and stimulates ventilation. <i>Experimental Physiology</i> , 2007 , 92, 197-206	2.4	20
109	A Preliminary Study of the Effect of Dousing and Foot Immersion on Cardiovascular and Thermal Responses to Extreme Heat. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1411-1413	27.4	18
108	Fanning as an alternative to air conditioning: A sustainable solution for reducing indoor occupational heat stress. <i>Energy and Buildings</i> , 2019 , 193, 92-98	7	18
107	Compensatory hyperhidrosis following thoracic sympathectomy: a biophysical rationale. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R352-6	3.2	18
106	Electric fan use for cooling during hot weather: a biophysical modelling study. <i>Lancet Planetary Health, The</i> , 2021 , 5, e368-e377	9.8	18
105	Cardiac and Thermal Strain of Elderly Adults Exposed to Extreme Heat and Humidity With and Without Electric Fan Use. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 989-91	27.4	18
104	Does attenuated skin blood flow lower sweat rate and the critical environmental limit for heat balance during severe heat exposure?. <i>Experimental Physiology</i> , 2017 , 102, 202-213	2.4	17
103	The optimal exercise intensity for the unbiased comparison of thermoregulatory responses between groups unmatched for body size during uncompensable heat stress. <i>Physiological Reports</i> , 2017 , 5, e13099	2.6	17

102	Temperature sensitivity in multiple sclerosis: An overview of its impact on sensory and cognitive symptoms. <i>Temperature</i> , 2018 , 5, 208-223	5.2	17
101	Sports Dietitians Australia Position Statement: Nutrition for Exercise in Hot Environments. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2020 , 30, 83-98	4.4	17
100	Afferent thermosensory function in relapsing-remitting multiple sclerosis following exercise-induced increases in body temperature. <i>Experimental Physiology</i> , 2017 , 102, 887-893	2.4	16
99	Optimal cooling strategies for players in Australian Tennis Open conditions. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 232-237	4.4	16
98	An advanced empirical model for quantifying the impact of heat and climate change on human physical work capacity. <i>International Journal of Biometeorology</i> , 2021 , 65, 1215-1229	3.7	16
97	Altered thermoregulatory responses in heart failure patients exercising in the heat. <i>Physiological Reports</i> , 2016 , 4, e13022	2.6	16
96	Human heat balance during postexercise recovery: separating metabolic and nonthermal effects. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R1586-92	3.2	15
95	Thermoregulatory adaptations with progressive heat acclimation are predominantly evident in uncompensable, but not compensable, conditions. <i>Journal of Applied Physiology</i> , 2019 , 127, 1095-1106	3.7	14
94	A new approach for comparing thermoregulatory responses of subjects with different body sizes. <i>Temperature</i> , 2015 , 2, 42-3	5.2	14
93	Cold Water Ingestion Improves Exercise Tolerance of Heat-Sensitive People with MS. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 643-648	1.2	14
92	Steady-state sweating during exercise is determined by the evaporative requirement for heat balance independently of absolute core and skin temperatures. <i>Journal of Physiology</i> , 2020 , 598, 2607-2619	2.9	13
91	Warm hands, cold heart: progressive whole-body cooling increases warm thermosensitivity of human hands and feet in a dose-dependent fashion. <i>Experimental Physiology</i> , 2017 , 102, 100-112	2.4	13
90	Unravelling the true influences of fitness and sex on sweating during exercise. <i>Experimental Physiology</i> , 2014 , 99, 1265-6	2.4	13
89	Postexercise heat loss and hemodynamic responses during head-down tilt are similar between genders. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 1308-14	1.2	13
88	A retrospective analysis to determine if exercise training-induced thermoregulatory adaptations are mediated by increased fitness or heat acclimation. <i>Experimental Physiology</i> , 2021 , 106, 282-289	2.4	13
87	Heart Failure and Thermoregulatory Control: Can Patients With Heart Failure Handle the Heat?. <i>Journal of Cardiac Failure</i> , 2017 , 23, 621-627	3.3	12
86	Do greater rates of body heat storage precede the accelerated reduction of self-paced exercise intensity in the heat?. <i>European Journal of Applied Physiology</i> , 2014 , 114, 2399-410	3.4	12
85	Evidence of viscerally-mediated cold-defence thermoeffector responses in man. <i>Journal of Physiology</i> , 2017 , 595, 1201-1212	3.9	12

84	Thermoregulatory dysfunction in multiple sclerosis. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 157, 701-714	3	12
83	Skin temperature over the carotid artery provides an accurate noninvasive estimation of core temperature in infants and young children during general anesthesia. <i>Paediatric Anaesthesia</i> , 2013 , 23, 1109-16	1.8	11
82	Menstrual cycle and oral contraceptive use do not modify postexercise heat loss responses. <i>Journal of Applied Physiology</i> , 2008 , 105, 1156-65	3.7	11
81	Ad libitum water consumption off-sets the thermal and cardiovascular strain exacerbated by dehydration during a 3-h simulated heatwave. <i>European Journal of Applied Physiology</i> , 2020 , 120, 391-399	3.4	11
80	Independent Influence of Spinal Cord Injury Level on Thermoregulation during Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1710-1719	1.2	11
79	Brief in-play cooling breaks reduce thermal strain during football in hot conditions. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 912-917	4.4	10
78	Acute acetaminophen ingestion does not alter core temperature or sweating during exercise in hot-humid conditions. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015 , 25 Suppl 1, 96-103	4.6	10
77	Electric fans: A potential stay-at-home cooling strategy during the COVID-19 pandemic this summer?. <i>Science of the Total Environment</i> , 2020 , 747, 141180	10.2	10
76	Higher exercise intensity delays postexercise recovery of impedance-derived cardiac sympathetic activity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017 , 42, 834-840	3	9
75	Longer exercise duration delays post-exercise recovery of cardiac parasympathetic but not sympathetic indices. <i>European Journal of Applied Physiology</i> , 2017 , 117, 1897-1906	3.4	9
74	The biophysical and physiological basis for mitigated elevations in heart rate with electric fan use in extreme heat and humidity. <i>International Journal of Biometeorology</i> , 2017 , 61, 313-323	3.7	9
73	Maximum effort breath-hold times for males and females of similar pulmonary capacities during sudden face-only immersion at water temperatures from 0 to 33 degrees C. <i>Applied Physiology, Nutrition and Metabolism</i> , 2006 , 31, 549-56	3	9
72	Differences in finger skin contact cooling response between an arterial occlusion and a vasodilated condition. <i>Journal of Applied Physiology</i> , 2006 , 100, 1596-601	3.7	9
71	Comments on point:counterpoint: humans do/do not demonstrate selective brain cooling during hyperthermia. <i>Journal of Applied Physiology</i> , 2011 , 110, 575-80	3.7	8
70	Dynamic thermal perception: A review and agenda for future experimental research. <i>Building and Environment</i> , 2021 , 205, 108269	6.5	8
69	Influence of exercise modality on cardiac parasympathetic and sympathetic indices during post-exercise recovery. <i>Journal of Science and Medicine in Sport</i> , 2018 , 21, 1079-1084	4.4	7
68	Thermoeffector Responses at a Fixed Rate of Heat Production in Heart Failure Patients. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 417-426	1.2	7
67	Improving the prediction of sweat losses during exercise. <i>Journal of Applied Physiology</i> , 2009 , 107, 375-63	3.7	7

66	Can supine recovery mitigate the exercise intensity dependent attenuation of post-exercise heat loss responses?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 682-9	3	7
65	Skin cooling on contact with cold materials: the effect of blood flow during short-term exposures. <i>Annals of Occupational Hygiene</i> , 2004 , 48, 129-37		7
64	Classic and exertional heatstroke.. <i>Nature Reviews Disease Primers</i> , 2022 , 8, 8	51.1	7
63	Folic acid supplementation does not attenuate thermoregulatory or cardiovascular strain of older adults exposed to extreme heat and humidity. <i>Experimental Physiology</i> , 2018 , 103, 1123-1131	2.4	6
62	Electric fan use in heat waves: Turn on or turn off?. <i>Temperature</i> , 2016 , 3, 358-360	5.2	6
61	Impaired Thermoregulatory Function during Dynamic Exercise in Multiple Sclerosis. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 395-404	1.2	6
60	Temperature of water ingested before exercise alters the onset of physiological heat loss responses. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R13-R20	3.2	6
59	Self-paced exercise performance in the heat with neck cooling, menthol application, and abdominal cooling. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 371-377	4.4	6
58	Aerobic fitness as a parameter of importance for labour loss in the heat. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 824-830	4.4	6
57	Thermoregulatory responses to exercise at a fixed rate of heat production are not altered by acute hypoxia. <i>Journal of Applied Physiology</i> , 2017 , 122, 1198-1207	3.7	5
56	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> , 2015 , 45, 1623-4	10.6	5
55	Accidental overheating of a newborn under an infant radiant warmer: a lesson for future use. <i>Journal of Perinatology</i> , 2013 , 33, 738-9	3.1	5
54	Estimating changes in volume-weighted mean body temperature using thermometry with an individualized correction factor. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R387-94	3.2	5
53	The Change in Core Temperature and Sweating Response during Exercise Are Unaffected by Time of Day within the Wake Period. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1285-1293	1.2	5
52	Quantifying the impact of heat on human physical work capacity; part III: the impact of solar radiation varies with air temperature, humidity, and clothing coverage. <i>International Journal of Biometeorology</i> , 2021 , 1	3.7	5
51	Thermoregulatory dysfunction in multiple sclerosis patients during moderate exercise in a thermoneutral environment (1104.17). <i>FASEB Journal</i> , 2014 , 28, 1104.17	0.9	5
50	Cold and hungry: combined effects of low temperature and resource scarcity on an edge-of-range temperate primate, the golden snub-nose monkey. <i>Ecography</i> , 2020 , 43, 1672-1682	6.5	5
49	Some problems with translating the insulating effect of obesity from mice to men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E638	6	5

48	Roundtable on Preseason Heat Safety in Secondary School Athletics: Environmental Monitoring During Activities in the Heat. <i>Journal of Athletic Training</i> , 2021 ,	4	5
47	Sustained increases in skin blood flow are not a prerequisite to initiate sweating during passive heat exposure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 313, R140-R148	3.2	4
46	Staying warm in the cold with a hot drink: The role of visceral thermoreceptors. <i>Temperature</i> , 2017 , 4, 123-125	5.2	4
45	Use of physiological evidence for heatwave public policy. <i>Lancet Planetary Health, The</i> , 2018 , 2, e10	9.8	4
44	Body temperature mapping in critically ill newborn infants nursed under radiant warmers during intensive care. <i>Journal of Perinatology</i> , 2016 , 36, 540-3	3.1	4
43	Assessing neonatal heat balance and physiological strain in newborn infants nursed under radiant warmers in intensive care with fentanyl sedation. <i>European Journal of Applied Physiology</i> , 2014 , 114, 2539-49	3.4	4
42	Independent Influence of Skin Temperature on Whole-Body Sweat Rate. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2423-2429	1.2	4
41	Considerations for the development of extreme heat policies in sport and exercise. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000774	3.4	3
40	Automated Monitoring of Cattle Heat Stress and Its Mitigation. <i>Frontiers in Animal Science</i> , 2021 , 2,		3
39	Folic acid supplementation improves vascular endothelial function, yet not skin blood flow during exercise in the heat, in patients with heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R810-R819	3.2	3
38	Optimal break structures and cooling strategies to mitigate heat stress during a Rugby League match simulation. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 793-799	4.4	3
37	The effect of minimal differences in the skin-to-air vapor pressure gradient at various dry-bulb temperatures on self-paced exercise performance. <i>Journal of Applied Physiology</i> , 2021 , 131, 1176-1185	3.7	3
36	Heat and health: a forthcoming Lancet Series. <i>Lancet, The</i> , 2019 , 394, 551-552	4.0	2
35	Relative exercise intensity and core temperature in lean and obese children. <i>Journal of Pediatrics</i> , 2013 , 163, 1535-6	3.6	2
34	Dissociating biophysical and training-related determinants of core temperature. <i>Exercise and Sport Sciences Reviews</i> , 2012 , 40, 183; author reply 184	6.7	2
33	Quantifying the impact of heat on human physical work capacity; part II: the observed interaction of air velocity with temperature, humidity, sweat rate, and clothing is not captured by most heat stress indices. <i>International Journal of Biometeorology</i> , 2021 ,	3.7	2
32	The impact of heat on human physical work capacity; part III: the impact of solar radiation varies with air temperature, humidity, and clothing coverage		2
31	Listening to motivational music mitigates heat-related reductions in exercise performance. <i>Physiology and Behavior</i> , 2019 , 208, 112567	3.5	1

30	The Biophysics of Human Heat Exchange 2019 , 29-43		1
29	On the Maintenance of Human Heat Balance during Cold and Warm Fluid Ingestion. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1316-7	1.2	1
28	Effects of elevated core temperature and normoxic 30% nitrous oxide on human ventilation during short duration, high intensity exercise. <i>Respiratory Physiology and Neurobiology</i> , 2015 , 206, 19-24	2.8	1
27	Last Word on Viewpoint: Current evidence does not support an anticipatory regulation of exercise intensity mediated by rate of body heat storage. <i>Journal of Applied Physiology</i> , 2009 , 107, 635-635	3.7	1
26	Application of Gagge's energy balance model to determine humidity-dependent temperature thresholds for healthy adults using electric fans during heatwaves. <i>Building and Environment</i> , 2022 , 207, 108437	6.5	1
25	The Sweating and Core Temperature Response to Compensable and Uncompensable Heat Stress Following Heat Acclimation. <i>FASEB Journal</i> , 2018 , 32, 590.16	0.9	1
24	Quantifying heat balance components in neonates nursed under radiant warmers in neonatal intensive care. <i>FASEB Journal</i> , 2012 , 26, lb743	0.9	1
23	Blunted sweating does not alter the rise in core temperature in people with multiple sclerosis exercising in the heat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R258-R267	3.2	1
22	Thermoregulation During Pregnancy: a Controlled Trial Investigating the Risk of Maternal Hyperthermia During Exercise in the Heat. <i>Sports Medicine</i> , 2021 , 51, 2655-2664	10.6	1
21	Sex difference in initial thermoregulatory response to dehydrated exercise in the heat. <i>Physiological Reports</i> , 2021 , 9, e14947	2.6	1
20	Response. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2426	1.2	1
19	Caffeine alters thermoregulatory responses to exercise in the heat only in caffeine-habituated individuals: a double-blind placebo-controlled trial. <i>Journal of Applied Physiology</i> , 2021 , 131, 1300-1310	3.7	1
18	Extended post-exercise hyperthermia in athletes with a spinal cord injury. <i>Journal of Science and Medicine in Sport</i> , 2021 , 24, 831-836	4.4	1
17	The potential for indoor fans to change air conditioning use while maintaining human thermal comfort during hot weather: an analysis of energy demand and associated greenhouse gas emissions.. <i>Lancet Planetary Health, The</i> , 2022 , 6, e301-e309	9.8	1
16	Seasonal Heat Acclimatisation in Healthy Adults: A Systematic Review.. <i>Sports Medicine</i> , 2022 , 1	10.6	1
15	Identification of factors important to study quality in exercise performance studies. <i>Journal of Science and Medicine in Sport</i> , 2020 , 23, 782-787	4.4	0
14	The influence of body morphology on changes in core temperature during exercise in an uncompensable environment. <i>Extreme Physiology and Medicine</i> , 2015 , 4, A143		0
13	The combined effects of local contact force and lower arm cooling upon cutaneous blood cell velocity of the fingertip. <i>European Journal of Applied Physiology</i> , 2006 , 97, 332-9	3.4	0

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