Glen P Kenny

List of Publications by Year
in descending order

386 papers	15,688 citations	30551 56 h-index	27587 110 g-index
388 all docs	388 docs citations	388 times ranked	13228 citing authors

#	Article	IF	Citations
1	Effects of Exercise on Glycemic Control and Body Mass in Type 2 Diabetes Mellitus. JAMA - Journal of the American Medical Association, 2001, 286, 1218.	3.8	1,478
2	Effects of Aerobic Training, Resistance Training, or Both on Glycemic Control in Type 2 Diabetes. Annals of Internal Medicine, 2007, 147, 357.	2.0	958
3	Physical Activity/Exercise and Type 2 Diabetes: A consensus statement from the American Diabetes Association. Diabetes Care, 2006, 29, 1433-1438.	4.3	800
4	Physical Activity/Exercise and Type 2 Diabetes. Diabetes Care, 2004, 27, 2518-2539.	4.3	617
5	Randomized Controlled Trial of Resistance or Aerobic Exercise in Men Receiving Radiation Therapy for Prostate Cancer. Journal of Clinical Oncology, 2009, 27, 344-351.	0.8	476
6	Heat stress in older individuals and patients with common chronic diseases. Cmaj, 2010, 182, 1053-1060.	0.9	396
7	Considerations for the measurement of core, skin and mean body temperatures. Journal of Thermal Biology, 2014, 46, 72-101.	1.1	298
8	Workers' health and productivity under occupational heat strain: a systematic review and meta-analysis. Lancet Planetary Health, The, 2018, 2, e521-e531.	5.1	243
9	Physical work capacity in older adults: Implications for the aging worker. American Journal of Industrial Medicine, 2008, 51, 610-625.	1.0	237
10	Thermographic imaging in sports and exercise medicine: A Delphi study and consensus statement on the measurement of human skin temperature. Journal of Thermal Biology, 2017, 69, 155-162.	1.1	225
11	Thermometry, Calorimetry, and Mean Body Temperature during Heat Stress. , 2013, 3, 1689-1719.		195
12	Exertional Heat Stroke. Current Sports Medicine Reports, 2012, 11, 115-123.	0.5	185
13	Resistance Versus Aerobic Exercise. Diabetes Care, 2013, 36, 537-542.	4.3	184
14	Sex differences in thermoeffector responses during exercise at fixed requirements for heat loss. Journal of Applied Physiology, 2012, 113, 746-757.	1.2	168
15	The evaporative requirement for heat balance determines wholeâ€body sweat rate during exercise under conditions permitting full evaporation. Journal of Physiology, 2013, 591, 2925-2935.	1.3	156
16	Effects of Performing Resistance Exercise Before Versus After Aerobic Exercise on Glycemia in Type 1 Diabetes. Diabetes Care, 2012, 35, 669-675.	4.3	154
17	Body temperature regulation in diabetes. Temperature, 2016, 3, 119-145.	1.7	154
18	Does sex have an independent effect on thermoeffector responses during exercise in the heat?. Journal of Physiology, 2012, 590, 5963-5973.	1.3	153

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19	Physical Activity and Diabetes. Canadian Journal of Diabetes, 2013, 37, S40-S44.	0.4	152
20	Effects of Aerobic Training, Resistance Training, or Both on Percentage Body Fat and Cardiometabolic Risk Markers in Obese Adolescents. JAMA Pediatrics, 2014, 168, 1006.	3.3	150
21	The Ottawa panel clinical practice guidelines for the management of knee osteoarthritis. Part two: strengthening exercise programs. Clinical Rehabilitation, 2017, 31, 596-611.	1.0	128
22	Physical Activity and Diabetes. Canadian Journal of Diabetes, 2018, 42, S54-S63.	0.4	127
23	Physiological factors characterizing heat-vulnerable older adults: A narrative review. Environment International, 2020, 144, 105909.	4.8	116
24	Effect of cold exposure on fuel utilization in humans: plasma glucose, muscle glycogen, and lipids. Journal of Applied Physiology, 2002, 93, 77-84.	1.2	111
25	Sex modulates wholeâ€body sudomotor thermosensitivity during exercise. Journal of Physiology, 2011, 589, 6205-6217.	1.3	104
26	Sex differences in postsynaptic sweating and cutaneous vasodilation. Journal of Applied Physiology, 2013, 114, 394-401.	1.2	102
27	Ice Cooling Vest on Tolerance for Exercise under Uncompensable Heat Stress. Journal of Occupational and Environmental Hygiene, 2011, 8, 484-491.	0.4	95
28	Age, human performance, and physical employment standards. Applied Physiology, Nutrition and Metabolism, 2016, 41, S92-S107.	0.9	92
29	Human thermoregulation: separating thermal and nonthermal effects on heat loss. Frontiers in Bioscience - Landmark, 2010, 15, 259.	3.0	91
30	Direct calorimetry: a brief historical review of its use in the study of human metabolism and thermoregulation. European Journal of Applied Physiology, 2017, 117, 1765-1785.	1.2	87
31	Heat health planning: The importance of social and community factors. Global Environmental Change, 2011, 21, 670-679.	3.6	86
32	Age-Related Decrements in Heat Dissipation during Physical Activity Occur as Early as the Age of 40. PLoS ONE, 2013, 8, e83148.	1.1	84
33	Aging impairs heat loss, but when does it matter?. Journal of Applied Physiology, 2015, 118, 299-309.	1.2	83
34	Ottawa Panel Evidence-Based Clinical Practice Guidelines for Aerobic Walking Programs in the Management of Osteoarthritis. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1269-1285.	0.5	82
35	Hyperthermia and cardiovascular strain during an extreme heat exposure in young versus older adults. Temperature, 2017, 4, 79-88.	1.7	80
36	Ottawa Panel Evidence-Based Clinical Practice Guidelines for the Management of Osteoarthritis in Adults Who Are Obese or Overweight. Physical Therapy, 2011, 91, 843-861.	1.1	79

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37	The Snellen human calorimeter revisited, re-engineered and upgraded: design and performance characteristics. Medical and Biological Engineering and Computing, 2006, 44, 721-728.	1.6	75
38	The Ottawa panel clinical practice guidelines for the management of knee osteoarthritis. Part one: introduction, and mind-body exercise programs. Clinical Rehabilitation, 2017, 31, 582-595.	1.0	75
39	Heat exposure in the Canadian workplace. American Journal of Industrial Medicine, 2010, 53, 842-853.	1.0	74
40	Restoration of thermoregulation after exercise. Journal of Applied Physiology, 2017, 122, 933-944.	1.2	74
41	Time-motion analysis as a novel approach for evaluating the impact of environmental heat exposure on labor loss in agriculture workers. Temperature, 2017, 4, 330-340.	1.7	72
42	Insulin Pump Therapy Is Associated with Less Post-Exercise Hyperglycemia than Multiple Daily Injections: An Observational Study of Physically Active Type 1 Diabetes Patients. Diabetes Technology and Therapeutics, 2013, 15, 84-88.	2.4	71
43	Sex-related differences in evaporative heat loss: the importance of metabolic heat production. European Journal of Applied Physiology, 2008, 104, 821-829.	1.2	69
44	The Ottawa panel clinical practice guidelines for the management of knee osteoarthritis. Part three: aerobic exercise programs. Clinical Rehabilitation, 2017, 31, 612-624.	1.0	68
45	A three-compartment thermometry model for the improved estimation of changes in body heat content. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R167-R175.	0.9	67
46	Partitioning oxidative fuels during cold exposure in humans: muscle glycogen becomes dominant as shivering intensifies. Journal of Physiology, 2005, 566, 247-256.	1.3	66
47	Estimating changes in mean body temperature for humans during exercise using core and skin temperatures is inaccurate even with a correction factor. Journal of Applied Physiology, 2007, 103, 443-451.	1.2	66
48	A Field Evaluation of the Physiological Demands of Miners in Canada's Deep Mechanized Mines. Journal of Occupational and Environmental Hygiene, 2012, 9, 491-501.	0.4	66
49	On the use of wearable physiological monitors to assess heat strain during occupational heat stress. Applied Physiology, Nutrition and Metabolism, 2018, 43, 869-881.	0.9	65
50	Understanding physical activity in adults with type 2 diabetes after completing an exercise intervention trial: A mediation model of self-efficacy and autonomous motivation. Psychology, Health and Medicine, 2009, 14, 419-429.	1.3	64
51	Age-related differences in heat loss capacity occur under both dry and humid heat stress conditions. Journal of Applied Physiology, 2014, 117, 69-79.	1.2	64
52	Age and androgen-deprivation therapy on exercise outcomes in men with prostate cancer. Supportive Care in Cancer, 2012, 20, 971-981.	1.0	63
53	Video Game Playing Is Independently Associated with Blood Pressure and Lipids in Overweight and Obese Adolescents. PLoS ONE, 2011, 6, e26643.	1.1	62
54	Older Adults with Type 2 Diabetes Store More Heat during Exercise. Medicine and Science in Sports and Exercise, 2013, 45, 1906-1914.	0.2	62

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55	Cold-Water Immersion and the Treatment of Hyperthermia: Using 38.6Â°C as a Safe Rectal Temperature Cooling Limit. Journal of Athletic Training, 2010, 45, 439-444.	0.9	61
56	Effect of Exercise Training on Physical Fitness in Type II Diabetes Mellitus. Medicine and Science in Sports and Exercise, 2010, 42, 1439-1447.	0.2	60
57	Whole body heat loss is reduced in older males during short bouts of intermittent exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R619-R629.	0.9	60
58	Body composition and energy intake â€" skeletal muscle mass is the strongest predictor of food intake in obese adolescents: The HEARTY trial. Applied Physiology, Nutrition and Metabolism, 2016, 41, 611-617.	0.9	59
59	Prolonged sitting and markers of cardiometabolic disease risk in children and youth: A randomized crossover study. Metabolism: Clinical and Experimental, 2013, 62, 1423-1428.	1.5	58
60	Calorimetric Measurement of Postexercise Net Heat Loss and Residual Body Heat Storage. Medicine and Science in Sports and Exercise, 2008, 40, 1629-1636.	0.2	57
61	Evidence for cyclooxygenaseâ€dependent sweating in young males during intermittent exercise in the heat. Journal of Physiology, 2014, 592, 5327-5339.	1.3	56
62	Whole-Body Heat Exchange during Heat Acclimation and Its Decay. Medicine and Science in Sports and Exercise, 2015, 47, 390-400.	0.2	56
63	Effects of carbohydrate availability on sustained shivering I. Oxidation of plasma glucose, muscle glycogen, and proteins. Journal of Applied Physiology, 2004, 96, 32-40.	1.2	54
64	An Evaluation of the Physiological Strain Experienced by Electrical Utility Workers in North America. Journal of Occupational and Environmental Hygiene, 2015, 12, 708-720.	0.4	54
65	Effects of aerobic training, resistance training, or both on psychological health in adolescents with obesity: The HEARTY randomized controlled trial.. Journal of Consulting and Clinical Psychology, 2015, 83, 1123-1135.	1.6	53
66	Immersion Treatment for Exertional Hyperthermia. Medicine and Science in Sports and Exercise, 2010, 42, 1246-1252.	0.2	52
67	The implementation of a community-based aerobic walking program for mild to moderate knee osteoarthritis (OA): a knowledge translation (KT) randomized controlled trial (RCT): Part I: The Uptake of the Ottawa Panel clinical practice guidelines (CPGs). BMC Public Health, 2012, 12, 871.	1.2	50
68	Ottawa Panel evidence-based clinical practice guidelines for therapeutic exercise in the management of hip osteoarthritis. Clinical Rehabilitation, 2016, 30, 935-946.	1.0	50
69	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.	1.7	50
70	Aural Canal, Esophageal, and Rectal Temperatures During Exertional Heat Stress and the Subsequent Recovery Period. Journal of Athletic Training, 2010, 45, 157-163.	0.9	49
71	Exercise Facilitators and Barriers from Adoption to Maintenance in the Diabetes Aerobic and Resistance Exercise Trial. Canadian Journal of Diabetes, 2013, 37, 367-374.	0.4	49
72	Do older adults experience greater thermal strain during heat waves?. Applied Physiology, Nutrition and Metabolism, 2014, 39, 292-298.	0.9	49

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73	At What Level of Heat Load Are Age-Related Impairments in the Ability to Dissipate Heat Evident in Females?. PLoS ONE, 2015, 10, e0119079.	1.1	49
74	Core temperature differences between males and females during intermittent exercise: physical considerations. European Journal of Applied Physiology, 2009, 105, 453-461.	1.2	48
75	Diminished nitric oxideâ€dependent sweating in older males during intermittent exercise in the heat. Experimental Physiology, 2014, 99, 921-932.	0.9	48
76	The implementation of a community-based aerobic walking program for mild to moderate knee osteoarthritis: A knowledge translation randomized controlled trial: Part II: Clinical outcomes. BMC Public Health, 2012, 12, 1073.	1.2	47
77	Point Accuracy of Interstitial Continuous Glucose Monitoring During Exercise in Type 1 Diabetes. Diabetes Technology and Therapeutics, 2013, 15, 46-49.	2.4	47
78	Changes in heart rate variability during the induction and decay of heat acclimation. European Journal of Applied Physiology, 2014, 114, 2119-2128.	1.2	46
79	Effects of aerobic training, resistance training, or both on cardiorespiratory and musculoskeletal fitness in adolescents with obesity: the HEARTY trial. Applied Physiology, Nutrition and Metabolism, 2016, 41, 255-265.	0.9	46
80	Towards establishing evidence-based guidelines on maximum indoor temperatures during hot weather in temperate continental climates. Temperature, 2019, 6, 11-36.	1.7	46
81	iNOS-dependent sweating and eNOS-dependent cutaneous vasodilation are evident in younger adults, but are diminished in older adults exercising in the heat. Journal of Applied Physiology, 2016, 120, 318-327.	1.2	45
82	Impairments in Local Heat Loss in Type 1 Diabetes during Exercise in the Heat. Medicine and Science in Sports and Exercise, 2014, 46, 2224-2233.	0.2	44
83	The Impacts of Sun Exposure on Worker Physiology and Cognition: Multi-Country Evidence and Interventions. International Journal of Environmental Research and Public Health, 2021, 18, 7698.	1.2	44
84	Control of cutaneous vascular conductance and sweating during recovery from dynamic exercise in humans. Journal of Applied Physiology, 2004, 96, 2207-2212.	1.2	43
85	Modified iodine-paper technique for the standardized determination of sweat gland activation. Journal of Applied Physiology, 2012, 112, 1419-1425.	1.2	43
86	The effect of exercise intensity on the post-exercise esophageal temperature response. European Journal of Applied Physiology, 2002, 86, 342-346.	1.2	42
87	Does metformin modify the effect on glycaemic control of aerobic exercise, resistance exercise or both?. Diabetologia, 2013, 56, 2378-2382.	2.9	42
88	Sex differences in postexercise esophageal and muscle tissue temperature response. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1632-R1640.	0.9	40
89	Exploring the mechanisms underpinning sweating: the development of a specialized ventilated capsule for use with intradermal microdialysis. Physiological Reports, 2016, 4, e12738.	0.7	40
90	Clonidine decreases vasoconstriction and shivering thresholds, without affecting the sweating threshold. Canadian Journal of Anaesthesia, 1997, 44, 636-642.	0.7	39

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91	Effect of exercise intensity on the postexercise sweating threshold. Journal of Applied Physiology, 2003, 95, 2355-2360.	1.2	39
92	Differences between Sexes in Rectal Cooling Rates after Exercise-Induced Hyperthermia. Medicine and Science in Sports and Exercise, 2009, 41, 1633-1639.	0.2	39
93	Heat exhaustion. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 157, 505-529.	1.0	39
94	Cutaneous active vasodilation in humans during passive heating postexercise. Journal of Applied Physiology, 2003, 95, 1025-1031.	1.2	38
95	Resistance Exercise in Type 1 Diabetes. Canadian Journal of Diabetes, 2013, 37, 420-426.	0.4	38
96	Cyclooxygenase inhibition does not alter methacholine-induced sweating. Journal of Applied Physiology, 2014, 117, 1055-1062.	1.2	38
97	Do the Threshold Limit Values for Work in Hot Conditions Adequately Protect Workers?. Medicine and Science in Sports and Exercise, 2016, 48, 1187-1196.	0.2	38
98	Screen time is associated with depressive symptomatology among obese adolescents: a HEARTY study. European Journal of Pediatrics, 2016, 175, 909-919.	1.3	38
99	Occupational heat strain in outdoor workers: A comprehensive review and meta-analysis. Temperature, 2022, 9, 67-102.	1.7	38
100	Upright LBPP application attenuates elevated postexercise resting thresholds for cutaneous vasodilation and sweating. Journal of Applied Physiology, 2003, 95, 121-128.	1.2	36
101	Ottawa Panel Evidence-Based Clinical Practice Guidelines for Structured Physical Activity in the Management of Juvenile Idiopathic Arthritis. Archives of Physical Medicine and Rehabilitation, 2017, 98, 1018-1041.	0.5	36
102	Postexercise hypotension causes a prolonged perturbation in esophageal and active muscle temperature recovery. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R580-R588.	0.9	35
103	Heat Balance and Cumulative Heat Storage during Intermittent Bouts of Exercise. Medicine and Science in Sports and Exercise, 2009, 41, 588-596.	0.2	35
104	Time following ingestion does not influence the validity of telemetry pill measurements of core temperature during exercise-heat stress: The journal Temperature toolbox. Temperature, 2021, 8, 12-20.	1.7	35
105	The recommended Threshold Limit Values for heat exposure fail to maintain body core temperature within safe limits in older working adults. Journal of Occupational and Environmental Hygiene, 2017, 14, 703-711.	0.4	34
106	Menstrual cycle phase does not modulate whole body heat loss during exercise in hot, dry conditions. Journal of Applied Physiology, 2019, 126, 286-293.	1.2	34
107	The Determination of Changes in Body Heat Content during Exercise Using Calorimetry and Thermometry. Journal of the Human-Environment System, 2007, 10, 19-29.	0.2	33
108	Do Heat Events Pose a Greater Health Risk for Individuals with Type 2 Diabetes?. Diabetes Technology and Therapeutics, 2013, 15, 520-529.	2.4	33

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109	Age-related differences in postsynaptic increases in sweating and skin blood flow postexercise. Physiological Reports, 2014, 2, e12078.	0.7	33
110	Water Immersion in the Treatment of Exertional Hyperthermia. Medicine and Science in Sports and Exercise, 2014, 46, 1727-1735.	0.2	33
111	The physiological strain incurred during electrical utilities work over consecutive work shifts in hot environments: A case report. Journal of Occupational and Environmental Hygiene, 2017, 14, 986-994.	0.4	33
112	Cognitive consequences of sleep deprivation, shiftwork, and heat exposure for underground miners. Applied Ergonomics, 2017, 58, 144-150.	1.7	33
113	Do Older Females Store More Heat than Younger Females during Exercise in the Heat?. Medicine and Science in Sports and Exercise, 2013, 45, 2265-2276.	0.2	32
114	Self-determination and Exercise Stages of Change: Results from the Diabetes Aerobic and Resistance Exercise Trial. Journal of Health Psychology, 2012, 17, 87-99.	1.3	31
115	Divergent roles of plasma osmolality and the baroreflex on sweating and skin blood flow. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R634-R642.	0.9	31
116	Resistance exercise but not aerobic exercise lowers remnant-like lipoprotein particle cholesterol in type 2 diabetes: A randomized controlled trial. Atherosclerosis, 2010, 213, 552-557.	0.4	30
117	Screen Viewing and Diabetes Risk Factors in Overweight and Obese Adolescents. American Journal of Preventive Medicine, 2013, 44, S364-S370.	1.6	30
118	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.	0.9	30
119	The physical demands of electrical utilities work in North America. Journal of Occupational and Environmental Hygiene, 2016, 13, 60-70.	0.4	30
120	Current evidence does not support an anticipatory regulation of exercise intensity mediated by rate of body heat storage. Journal of Applied Physiology, 2009, 107, 630-631.	1.2	29
121	Do nitric oxide synthase and cyclooxygenase contribute to the heat loss responses in older males exercising in the heat?. Journal of Physiology, 2015, 593, 3169-3180.	1.3	29
122	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.	0.9	29
123	Exercise Heat Stress in Patients With and Without Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2019, 322, 1409.	3.8	29
124	Seven days of cold acclimation substantially reduces shivering intensity and increases nonshivering thermogenesis in adult humans. Journal of Applied Physiology, 2019, 126, 1598-1606.	1.2	29
125	Intradermal administration of ATP augments methacholine-induced cutaneous vasodilation but not sweating in young males and females. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R912-R919.	0.9	28
126	15Â° Head-down tilt attenuates the postexercise reduction in cutaneous vascular conductance and sweating and decreases esophageal temperature recovery time. Journal of Applied Physiology, 2006, 101, 840-847.	1.2	27

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127	Hyperthermia Modifies the Nonthermal Contribution to Postexercise Heat Loss Responses. Medicine and Science in Sports and Exercise, 2008, 40, 513-522.	0.2	27
128	Cutaneous vascular and sweating responses to intradermal administration of ATP: a role for nitric oxide synthase and cyclooxygenase?. Journal of Physiology, 2015, 593, 2515-2525.	1.3	27
129	The Relation between Age and Sex on Whole-Body Heat Loss during Exercise-Heat Stress. Medicine and Science in Sports and Exercise, 2020, 52, 2242-2249.	0.2	27
130	The effect of ambient temperature and exercise intensity on post-exercise thermal homeostasis. European Journal of Applied Physiology, 1997, 76, 109-115.	1.2	26
131	Disturbance of thermal homeostasis following dynamic exercise. Applied Physiology, Nutrition and Metabolism, 2007, 32, 818-831.	0.9	26
132	Influence of adiposity on cooling efficiency in hyperthermic individuals. European Journal of Applied Physiology, 2008, 104, 67-74.	1.2	26
133	Heart rate variability during exertional heat stress: effects of heat production and treatment. European Journal of Applied Physiology, 2014, 114, 785-792.	1.2	26
134	K⁺ channel mechanisms underlying cholinergic cutaneous vasodilation and sweating in young humans: roles of K_{Ca}, K_{ATP}, and K_V channels?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R600-R606.	0.9	26
135	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.	0.2	26
136	Effects of aerobic training, resistance training, or both on brain-derived neurotrophic factor in adolescents with obesity: The hearty randomized controlled trial. Physiology and Behavior, 2018, 191, 138-145.	1.0	26
137	Aging and human heat dissipation during exercise-heat stress: an update and future directions. Current Opinion in Physiology, 2019, 10, 219-225.	0.9	26
138	Occupational heat stress management: Does one size fit all?. American Journal of Industrial Medicine, 2019, 62, 1017-1023.	1.0	26
139	Evidence of a greater onset threshold for sweating in females following intense exercise. European Journal of Applied Physiology, 2007, 101, 487-493.	1.2	25
140	Mechanisms underlying the postexercise baroreceptor-mediated suppression of heat loss. Physiological Reports, 2014, 2, e12168.	0.7	25
141	Revisiting the influence of individual factors on heat exchange during exercise in dry heat using direct calorimetry. Experimental Physiology, 2019, 104, 1038-1050.	0.9	25
142	The Effect of Exercise Training on Resting Metabolic Rate in Type 2 Diabetes Mellitus. Medicine and Science in Sports and Exercise, 2009, 41, 1558-1565.	0.2	24
143	Heat balance and cumulative heat storage during exercise performed in the heat in physically active younger and middle-aged men. European Journal of Applied Physiology, 2010, 109, 81-92.	1.2	24
144	Performing resistance exercise before versus after aerobic exercise influences growth hormone secretion in type 1 diabetes. Applied Physiology, Nutrition and Metabolism, 2014, 39, 262-265.	0.9	24

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145	Heat Loss Is Impaired in Older Men on the Day after Prolonged Work in the Heat. Medicine and Science in Sports and Exercise, 2018, 50, 1859-1867.	0.2	24
146	Interindividual variability and individual responses to exercise training in adolescents with obesity. Applied Physiology, Nutrition and Metabolism, 2020, 45, 45-54.	0.9	24
147	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.	0.2	24
148	COST-EFFECTIVENESS OF EXERCISE PROGRAMS IN TYPE 2 DIABETES. International Journal of Technology Assessment in Health Care, 2012, 28, 228-234.	0.2	23
149	Noninvasive assessment of muscle temperature during rest, exercise, and postexercise recovery in different environments. Journal of Applied Physiology, 2015, 118, 1310-1320.	1.2	23
150	Increasing age is a major risk factor for susceptibility to heat stress during physical activity. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1232-1235.	0.9	23
151	Sex-Related Differences in Blood Glucose Responses to Resistance Exercise in Adults With Type 1 Diabetes: A Secondary Data Analysis. Canadian Journal of Diabetes, 2020, 44, 267-273.e1.	0.4	23
152	Nonthermoregulatory control of cutaneous vascular conductance and sweating during recovery from dynamic exercise in women. Journal of Applied Physiology, 2005, 99, 1816-1821.	1.2	22
153	Exercise-rest cycles do not alter local and whole body heat loss responses. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R958-R968.	0.9	22
154	Whole-Body Heat Loss during Exercise in the Heat Is Not Impaired in Type 1 Diabetes. Medicine and Science in Sports and Exercise, 2013, 45, 1656-1664.	0.2	22
155	Local infusion of ascorbate augments NOâ€dependent cutaneous vasodilatation during intense exercise in the heat. Journal of Physiology, 2015, 593, 4055-4065.	1.3	22
156	The mediating role of energy intake on the relationship between screen time behaviour and body mass index in adolescents with obesity: The HEARTY study. Appetite, 2016, 107, 437-444.	1.8	22
157	Exercise Thermoregulation in Prepubertal Children: A Brief Methodological Review. Medicine and Science in Sports and Exercise, 2020, 52, 2412-2422.	0.2	22
158	Effect of Human Skin Grafts on Whole-Body Heat Loss During Exercise Heat Stress. Journal of Burn Care and Research, 2013, 34, e263-e270.	0.2	21
159	Are circulating cytokine responses to exercise in the heat augmented in older men?. Applied Physiology, Nutrition and Metabolism, 2014, 39, 117-123.	0.9	21
160	Local versus whole-body sweating adaptations following 14 days of traditional heat acclimation. Applied Physiology, Nutrition and Metabolism, 2016, 41, 816-824.	0.9	21
161	Indicators to assess physiological heat strain â€“ Part 3: Multi-country field evaluation and consensus recommendations. Temperature, 2022, 9, 274-291.	1.7	21
162	Diurnal Variation in Heart Rate Variability before and after Maximal Exercise Testing. Chronobiology International, 2011, 28, 344-351.	0.9	20

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163	The interactive contributions of Na⁺/K⁺â€ATPase and nitric oxide synthase to sweating and cutaneous vasodilatation during exercise in the heat. Journal of Physiology, 2016, 594, 3453-3462.	1.3	20
164	Heat shock protein 90 contributes to cutaneous vasodilation through activating nitric oxide synthase in young male adults exercising in the heat. Journal of Applied Physiology, 2017, 123, 844-850.	1.2	20
165	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.	0.9	20
166	Cumulative effects of successive workdays in the heat on thermoregulatory function in the aging worker. Temperature, 2018, 5, 293-295.	1.7	20
167	Changes in exercise and post-exercise core temperature under different clothing conditions. International Journal of Biometeorology, 1999, 43, 8-13.	1.3	19
168	Human heat balance during postexercise recovery: separating metabolic and nonthermal effects. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1586-R1592.	0.9	19
169	Hyperthermia modifies muscle metaboreceptor and baroreceptor modulation of heat loss in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R417-R423.	0.9	19
170	Older Firefighters Are Susceptible to Age-Related Impairments in Heat Dissipation. Medicine and Science in Sports and Exercise, 2015, 47, 1281-1290.	0.2	19
171	An evidence-based walking program among older people with knee osteoarthritis: the PEP (participant) Tj ETQq1 1 0.784314 rgBT /Ov	1.0	19
172	Evidence for TRPV4 channel induced skin vasodilatation through NOS, COX, and KCa channel mechanisms with no effect on sweat rate in humans. European Journal of Pharmacology, 2019, 858, 172462.	1.7	19
173	Fueling shivering thermogenesis during passive hypothermic recovery. Journal of Applied Physiology, 2007, 103, 1346-1351.	1.2	18
174	A Review of Resistance Exercise Training in Obese Adolescents. Physician and Sportsmedicine, 2011, 39, 50-63.	1.0	18
175	Is Whole-Body Thermoregulatory Function Impaired in Type 1 Diabetes Mellitus?. Current Diabetes Reviews, 2013, 9, 126-136.	0.6	18
176	Short-term exercise training does not improve whole-body heat loss when rate of metabolic heat production is considered. European Journal of Applied Physiology, 2010, 109, 437-446.	1.2	17
177	Inflammatory responses of older Firefighters to intermittent exercise in the heat. European Journal of Applied Physiology, 2014, 114, 1163-1174.	1.2	17
178	No effect of ascorbate on cutaneous vasodilation and sweating in older men and those with type 2 diabetes exercising in the heat. Physiological Reports, 2017, 5, e13238.	0.7	17
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