# Glen P Kenny

List of Publications by Year
in descending order

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|---|---|---|---|
| 419 papers | 16,528 citations | 23219 57 h-index | 22201 111 g-index |
| 435 all docs | 435 docs citations | 435 times ranked | 13726 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. | 7.0 | 1,496 |
| 2 | Effects of Aerobic Training, Resistance Training, or Both on Glycemic Control in Type 2 Diabetes. Annals of Internal Medicine, 2007, 147, 357. | 10.0 | 981 |
| 3 | Randomized Controlled Trial of Resistance or Aerobic Exercise in Men Receiving Radiation Therapy for Prostate Cancer. Journal of Clinical Oncology, 2009, 27, 344-351. | 5.4 | 485 |
| 4 | Heat stress in older individuals and patients with common chronic diseases. Cmaj, 2010, 182, 1053-1060. | 4.1 | 434 |
| 5 | Considerations for the measurement of core, skin and mean body temperatures. Journal of Thermal Biology, 2014, 46, 72-101. | 2.6 | 309 |
| 6 | Workers' health and productivity under occupational heat strain: a systematic review and meta-analysis. Lancet Planetary Health, The, 2018, 2, e521-e531. | 10.9 | 271 |
| 7 | 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. | 2.6 | 243 |
| 8 | Physical work capacity in older adults: Implications for the aging worker. American Journal of Industrial Medicine, 2008, 51, 610-625. | 2.1 | 241 |
| 9 | Thermometry, Calorimetry, and Mean Body Temperature during Heat Stress. , 2013, 3, 1689-1719. | | 205 |
| 10 | Resistance Versus Aerobic Exercise. Diabetes Care, 2013, 36, 537-542. | 9.1 | 193 |
| 11 | Exertional Heat Stroke. Current Sports Medicine Reports, 2012, 11, 115-123. | 1.4 | 187 |
| 12 | Sex differences in thermoeffector responses during exercise at fixed requirements for heat loss. Journal of Applied Physiology, 2012, 113, 746-757. | 2.7 | 177 |
| 13 | Body temperature regulation in diabetes. Temperature, 2016, 3, 119-145. | 3.2 | 174 |
| 14 | 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. | 2.9 | 165 |
| 15 | Effects of Performing Resistance Exercise Before Versus After Aerobic Exercise on Glycemia in Type 1 Diabetes. Diabetes Care, 2012, 35, 669-675. | 9.1 | 162 |
| 16 | Does sex have an independent effect on thermoeffector responses during exercise in the heat?. Journal of Physiology, 2012, 590, 5963-5973. | 2.9 | 159 |
| 17 | Physical Activity and Diabetes. Canadian Journal of Diabetes, 2013, 37, S40-S44. | 0.9 | 157 |
| 18 | Effects of Aerobic Training, Resistance Training, or Both on Percentage Body Fat and Cardiometabolic Risk Markers in Obese Adolescents. JAMA Pediatrics, 2014, 168, 1006. | 6.2 | 156 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Physiological factors characterizing heat-vulnerable older adults: A narrative review. Environment International, 2020, 144, 105909. | 10.0 | 153 |
| 20 | Physical Activity and Diabetes. Canadian Journal of Diabetes, 2018, 42, S54-S63. | 0.9 | 137 |
| 21 | The Ottawa panel clinical practice guidelines for the management of knee osteoarthritis. Part two: strengthening exercise programs. Clinical Rehabilitation, 2017, 31, 596-611. | 2.4 | 136 |
| 22 | Effect of cold exposure on fuel utilization in humans: plasma glucose, muscle glycogen, and lipids. Journal of Applied Physiology, 2002, 93, 77-84. | 2.7 | 114 |
| 23 | Sex modulates wholeâ€body sudomotor thermosensitivity during exercise. Journal of Physiology, 2011, 589, 6205-6217. | 2.9 | 109 |
| 24 | Sex differences in postsynaptic sweating and cutaneous vasodilation. Journal of Applied Physiology, 2013, 114, 394-401. | 2.7 | 106 |
| 25 | Ice Cooling Vest on Tolerance for Exercise under Uncompensable Heat Stress. Journal of Occupational and Environmental Hygiene, 2011, 8, 484-491. | 1.2 | 97 |
| 26 | Human thermoregulation: separating thermal and nonthermal effects on heat loss. Frontiers in Bioscience - Landmark, 2010, 15, 259. | 3.1 | 95 |
| 27 | Age, human performance, and physical employment standards. Applied Physiology, Nutrition and Metabolism, 2016, 41, S92-S107. | 2.1 | 95 |
| 28 | Age-Related Decrements in Heat Dissipation during Physical Activity Occur as Early as the Age of 40. PLoS ONE, 2013, 8, e83148. | 2.5 | 94 |
| 29 | Heat health planning: The importance of social and community factors. Global Environmental Change, 2011, 21, 670-679. | 8.1 | 91 |
| 30 | Hyperthermia and cardiovascular strain during an extreme heat exposure in young versus older adults. Temperature, 2017, 4, 79-88. | 3.2 | 91 |
| 31 | 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. | 2.5 | 90 |
| 32 | Aging impairs heat loss, but when does it matter?. Journal of Applied Physiology, 2015, 118, 299-309. | 2.7 | 88 |
| 33 | 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. | 1.0 | 85 |
| 34 | Heat exposure in the Canadian workplace. American Journal of Industrial Medicine, 2010, 53, 842-853. | 2.1 | 84 |
| 35 | Restoration of thermoregulation after exercise. Journal of Applied Physiology, 2017, 122, 933-944. | 2.7 | 82 |
| 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. | 2.5 | 80 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | 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. | 2.4 | 79 |
| 38 | The Snellen human calorimeter revisited, re-engineered and upgraded: design and performance characteristics. Medical and Biological Engineering and Computing, 2006, 44, 721-728. | 2.9 | 76 |
| 39 | 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. | 3.2 | 76 |
| 40 | The Ottawa panel clinical practice guidelines for the management of knee osteoarthritis. Part three: aerobic exercise programs. Clinical Rehabilitation, 2017, 31, 612-624. | 2.4 | 73 |
| 41 | Sex-related differences in evaporative heat loss: the importance of metabolic heat production. European Journal of Applied Physiology, 2008, 104, 821-829. | 2.5 | 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. | 4.9 | 72 |
| 43 | On the use of wearable physiological monitors to assess heat strain during occupational heat stress. Applied Physiology, Nutrition and Metabolism, 2018, 43, 869-881. | 2.1 | 72 |
| 44 | 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. | 1.8 | 68 |
| 45 | 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. | 1.2 | 68 |
| 46 | Partitioning oxidative fuels during cold exposure in humans: muscle glycogen becomes dominant as shivering intensifies. Journal of Physiology, 2005, 566, 247-256. | 2.9 | 67 |
| 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. | 2.7 | 67 |
| 48 | 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. | 1.8 | 67 |
| 49 | Age-related differences in heat loss capacity occur under both dry and humid heat stress conditions. Journal of Applied Physiology, 2014, 117, 69-79. | 2.7 | 67 |
| 50 | Older Adults with Type 2 Diabetes Store More Heat during Exercise. Medicine and Science in Sports and Exercise, 2013, 45, 1906-1914. | 0.4 | 65 |
| 51 | 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. | 2.7 | 64 |
| 52 | Video Game Playing Is Independently Associated with Blood Pressure and Lipids in Overweight and Obese Adolescents. PLoS ONE, 2011, 6, e26643. | 2.5 | 64 |
| 53 | Age and androgen-deprivation therapy on exercise outcomes in men with prostate cancer. Supportive Care in Cancer, 2012, 20, 971-981. | 2.3 | 63 |
| 54 | 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. | 1.8 | 62 |

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|---|---|---|---|
| 55 | Effect of Exercise Training on Physical Fitness in Type II Diabetes Mellitus. Medicine and Science in Sports and Exercise, 2010, 42, 1439-1447. | 0.4 | 61 |
| 56 | Whole-Body Heat Exchange during Heat Acclimation and Its Decay. Medicine and Science in Sports and Exercise, 2015, 47, 390-400. | 0.4 | 60 |
| 57 | Calorimetric Measurement of Postexercise Net Heat Loss and Residual Body Heat Storage. Medicine and Science in Sports and Exercise, 2008, 40, 1629-1636. | 0.4 | 59 |
| 58 | Prolonged sitting and markers of cardiometabolic disease risk in children and youth: A randomized crossover study. Metabolism: Clinical and Experimental, 2013, 62, 1423-1428. | 3.6 | 59 |
| 59 | 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. | 2.1 | 59 |
| 60 | Effects of carbohydrate availability on sustained shivering I. Oxidation of plasma glucose, muscle glycogen, and proteins. Journal of Applied Physiology, 2004, 96, 32-40. | 2.7 | 57 |
| 61 | Evidence for cyclooxygenaseâ€dependent sweating in young males during intermittent exercise in the heat. Journal of Physiology, 2014, 592, 5327-5339. | 2.9 | 56 |
| 62 | 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. | 3.2 | 55 |
| 63 | Do older adults experience greater thermal strain during heat waves?. Applied Physiology, Nutrition and Metabolism, 2014, 39, 292-298. | 2.1 | 54 |
| 64 | 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. | 2.0 | 54 |
| 65 | 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 | 54 |
| 66 | An Evaluation of the Physiological Strain Experienced by Electrical Utility Workers in North America. Journal of Occupational and Environmental Hygiene, 2015, 12, 708-720. | 1.2 | 54 |
| 67 | Occupational heat strain in outdoor workers: A comprehensive review and meta-analysis. Temperature, 2022, 9, 67-102. | 3.2 | 54 |
| 68 | Ottawa Panel evidence-based clinical practice guidelines for therapeutic exercise in the management of hip osteoarthritis. Clinical Rehabilitation, 2016, 30, 935-946. | 2.4 | 53 |
| 69 | Immersion Treatment for Exertional Hyperthermia. Medicine and Science in Sports and Exercise, 2010, 42, 1246-1252. | 0.4 | 52 |
| 70 | Towards establishing evidence-based guidelines on maximum indoor temperatures during hot weather in temperate continental climates. Temperature, 2019, 6, 11-36. | 3.2 | 51 |
| 71 | 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. | 3.0 | 50 |
| 72 | Exercise Facilitators and Barriers from Adoption to Maintenance in the Diabetes Aerobic and Resistance Exercise Trial. Canadian Journal of Diabetes, 2013, 37, 367-374. | 0.9 | 50 |

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|---|---|---|---|
| 73 | Aural Canal, Esophageal, and Rectal Temperatures During Exertional Heat Stress and the Subsequent Recovery Period. Journal of Athletic Training, 2010, 45, 157-163. | 1.8 | 49 |
| 74 | 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. | 3.0 | 49 |
| 75 | Point Accuracy of Interstitial Continuous Glucose Monitoring During Exercise in Type 1 Diabetes. Diabetes Technology and Therapeutics, 2013, 15, 46-49. | 4.9 | 49 |
| 76 | Core temperature differences between males and females during intermittent exercise: physical considerations. European Journal of Applied Physiology, 2009, 105, 453-461. | 2.5 | 48 |
| 77 | Diminished nitric oxideâ€dependent sweating in older males during intermittent exercise in the heat. Experimental Physiology, 2014, 99, 921-932. | 2.0 | 48 |
| 78 | 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. | 2.1 | 48 |
| 79 | 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. | 2.7 | 48 |
| 80 | Changes in heart rate variability during the induction and decay of heat acclimation. European Journal of Applied Physiology, 2014, 114, 2119-2128. | 2.5 | 47 |
| 81 | Heat exhaustion. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 157, 505-529. | 0.3 | 47 |
| 82 | 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. | 2.7 | 45 |
| 83 | Control of cutaneous vascular conductance and sweating during recovery from dynamic exercise in humans. Journal of Applied Physiology, 2004, 96, 2207-2212. | 2.7 | 44 |
| 84 | Modified iodine-paper technique for the standardized determination of sweat gland activation. Journal of Applied Physiology, 2012, 112, 1419-1425. | 2.7 | 44 |
| 85 | 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. | 0.4 | 44 |
| 86 | Does metformin modify the effect on glycaemic control of aerobic exercise, resistance exercise or both?. Diabetologia, 2013, 56, 2378-2382. | 6.5 | 43 |
| 87 | Exploring the mechanisms underpinning sweating: the development of a specialized ventilated capsule for use with intradermal microdialysis. Physiological Reports, 2016, 4, e12738. | 1.7 | 43 |
| 88 | The effect of exercise intensity on the post-exercise esophageal temperature response. European Journal of Applied Physiology, 2002, 86, 342-346. | 2.5 | 42 |
| 89 | Sex differences in postexercise esophageal and muscle tissue temperature response. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1632-R1640. | 1.8 | 42 |
| 90 | Resistance Exercise in Type 1 Diabetes. Canadian Journal of Diabetes, 2013, 37, 420-426. | 0.9 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Screen time is associated with depressive symptomatology among obese adolescents: a HEARTY study. European Journal of Pediatrics, 2016, 175, 909-919. | 2.7 | 41 |
| 92 | 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. | 1.0 | 40 |
| 93 | 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. | 3.2 | 40 |
| 94 | Clonidine decreases vasoconstriction and shivering thresholds, without affecting the sweating threshold. Canadian Journal of Anaesthesia, 1997, 44, 636-642. | 1.4 | 39 |
| 95 | Effect of exercise intensity on the postexercise sweating threshold. Journal of Applied Physiology, 2003, 95, 2355-2360. | 2.7 | 39 |
| 96 | Differences between Sexes in Rectal Cooling Rates after Exercise-Induced Hyperthermia. Medicine and Science in Sports and Exercise, 2009, 41, 1633-1639. | 0.4 | 39 |
| 97 | Cutaneous active vasodilation in humans during passive heating postexercise. Journal of Applied Physiology, 2003, 95, 1025-1031. | 2.7 | 38 |
| 98 | Cyclooxygenase inhibition does not alter methacholine-induced sweating. Journal of Applied Physiology, 2014, 117, 1055-1062. | 2.7 | 38 |
| 99 | 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 |
| 100 | Upright LBPP application attenuates elevated postexercise resting thresholds for cutaneous vasodilation and sweating. Journal of Applied Physiology, 2003, 95, 121-128. | 2.7 | 37 |
| 101 | Heat Balance and Cumulative Heat Storage during Intermittent Bouts of Exercise. Medicine and Science in Sports and Exercise, 2009, 41, 588-596. | 0.4 | 37 |
| 102 | Menstrual cycle phase does not modulate whole body heat loss during exercise in hot, dry conditions. Journal of Applied Physiology, 2019, 126, 286-293. | 2.7 | 37 |
| 103 | Do Heat Events Pose a Greater Health Risk for Individuals with Type 2 Diabetes?. Diabetes Technology and Therapeutics, 2013, 15, 520-529. | 4.9 | 36 |
| 104 | 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. | 1.2 | 36 |
| 105 | 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. | 1.2 | 36 |
| 106 | Exercise Heat Stress in Patients With and Without Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2019, 322, 1409. | 7.0 | 36 |
| 107 | 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. | 1.8 | 35 |
| 108 | Cognitive consequences of sleep deprivation, shiftwork, and heat exposure for underground miners. Applied Ergonomics, 2017, 58, 144-150. | 3.2 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | 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. | 0.4 | 34 |
| 110 | The Determination of Changes in Body Heat Content during Exercise Using Calorimetry and Thermometry. Journal of the Human-Environment System, 2007, 10, 19-29. | 0.1 | 33 |
| 111 | Age-related differences in postsynaptic increases in sweating and skin blood flow postexercise. Physiological Reports, 2014, 2, e12078. | 1.7 | 33 |
| 112 | Water Immersion in the Treatment of Exertional Hyperthermia. Medicine and Science in Sports and Exercise, 2014, 46, 1727-1735. | 0.4 | 33 |
| 113 | Self-determination and Exercise Stages of Change: Results from the Diabetes Aerobic and Resistance Exercise Trial. Journal of Health Psychology, 2012, 17, 87-99. | 2.5 | 32 |
| 114 | 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. | 0.4 | 32 |
| 115 | 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 | 32 |
| 116 | The physical demands of electrical utilities work in North America. Journal of Occupational and Environmental Hygiene, 2016, 13, 60-70. | 1.2 | 32 |
| 117 | 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 | 32 |
| 118 | Seven days of cold acclimation substantially reduces shivering intensity and increases nonshivering thermogenesis in adult humans. Journal of Applied Physiology, 2019, 126, 1598-1606. | 2.7 | 32 |
| 119 | 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. | 0.8 | 31 |
| 120 | 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. | 1.8 | 31 |
| 121 | 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 | 31 |
| 122 | Screen Viewing and Diabetes Risk Factors in Overweight and Obese Adolescents. American Journal of Preventive Medicine, 2013, 44, S364-S370. | 3.1 | 30 |
| 123 | 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. | 2.9 | 30 |
| 124 | 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. | 2.1 | 30 |
| 125 | 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. | 2.7 | 29 |
| 126 | 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. | 1.8 | 29 |

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|---|---|---|---|
| 127 | Occupational heat stress management: Does one size fit all?. American Journal of Industrial Medicine, 2019, 62, 1017-1023. | 2.1 | 29 |
| 128 | 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. | 2.7 | 28 |
| 129 | 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 | 28 |
| 130 | Aging and human heat dissipation during exercise-heat stress: an update and future directions. Current Opinion in Physiology, 2019, 10, 219-225. | 1.9 | 28 |
| 131 | Revisiting the influence of individual factors on heat exchange during exercise in dry heat using direct calorimetry. Experimental Physiology, 2019, 104, 1038-1050. | 2.0 | 28 |
| 132 | Hyperthermia Modifies the Nonthermal Contribution to Postexercise Heat Loss Responses. Medicine and Science in Sports and Exercise, 2008, 40, 513-522. | 0.4 | 27 |
| 133 | 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. | 2.9 | 27 |
| 134 | Indicators to assess physiological heat strain â€“ Part 1: Systematic review. Temperature, 2022, 9, 227-262. | 3.2 | 27 |
| 135 | The effect of ambient temperature and exercise intensity on post-exercise thermal homeostasis. European Journal of Applied Physiology, 1997, 76, 109-115. | 2.5 | 26 |
| 136 | Disturbance of thermal homeostasis following dynamic exercise. Applied Physiology, Nutrition and Metabolism, 2007, 32, 818-831. | 2.1 | 26 |
| 137 | Influence of adiposity on cooling efficiency in hyperthermic individuals. European Journal of Applied Physiology, 2008, 104, 67-74. | 2.5 | 26 |
| 138 | Heart rate variability during exertional heat stress: effects of heat production and treatment. European Journal of Applied Physiology, 2014, 114, 785-792. | 2.5 | 26 |
| 139 | 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. | 2.1 | 26 |
| 140 | K<sup>+</sup> channel mechanisms underlying cholinergic cutaneous vasodilation and sweating in young humans: roles of K<sub>Ca</sub>, K<sub>ATP</sub>, and K<sub>V</sub> channels?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R600-R606. | 1.8 | 26 |
| 141 | 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. | 0.4 | 26 |
| 142 | Evidence of a greater onset threshold for sweating in females following intense exercise. European Journal of Applied Physiology, 2007, 101, 487-493. | 2.5 | 25 |
| 143 | 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. | 0.4 | 25 |
| 144 | Mechanisms underlying the postexercise baroreceptor-mediated suppression of heat loss. Physiological Reports, 2014, 2, e12168. | 1.7 | 25 |

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|---|---|---|---|
| 145 | Noninvasive assessment of muscle temperature during rest, exercise, and postexercise recovery in different environments. Journal of Applied Physiology, 2015, 118, 1310-1320. | 2.7 | 25 |
| 146 | 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. | 0.9 | 25 |
| 147 | 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. | 2.5 | 24 |
| 148 | COST-EFFECTIVENESS OF EXERCISE PROGRAMS IN TYPE 2 DIABETES. International Journal of Technology Assessment in Health Care, 2012, 28, 228-234. | 0.5 | 24 |
| 149 | Increasing age is a major risk factor for susceptibility to heat stress during physical activity. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1232-1235. | 2.1 | 24 |
| 150 | Interindividual variability and individual responses to exercise training in adolescents with obesity. Applied Physiology, Nutrition and Metabolism, 2020, 45, 45-54. | 2.1 | 24 |
| 151 | Exercise Thermoregulation in Prepubertal Children: A Brief Methodological Review. Medicine and Science in Sports and Exercise, 2020, 52, 2412-2422. | 0.4 | 24 |
| 152 | Indicators to assess physiological heat strain â€“ Part 3: Multi-country field evaluation and consensus recommendations. Temperature, 2022, 9, 274-291. | 3.2 | 24 |
| 153 | Are circulating cytokine responses to exercise in the heat augmented in older men?. Applied Physiology, Nutrition and Metabolism, 2014, 39, 117-123. | 2.1 | 23 |
| 154 | Local infusion of ascorbate augments NOâ€dependent cutaneous vasodilatation during intense exercise in the heat. Journal of Physiology, 2015, 593, 4055-4065. | 2.9 | 23 |
| 155 | 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. | 4.0 | 23 |
| 156 | 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 | 23 |
| 157 | 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. | 3.6 | 23 |
| 158 | Nonthermoregulatory control of cutaneous vascular conductance and sweating during recovery from dynamic exercise in women. Journal of Applied Physiology, 2005, 99, 1816-1821. | 2.7 | 22 |
| 159 | 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. | 1.8 | 22 |
| 160 | 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. | 0.4 | 22 |
| 161 | Effect of Human Skin Grafts on Whole-Body Heat Loss During Exercise Heat Stress. Journal of Burn Care and Research, 2013, 34, e263-e270. | 0.5 | 22 |
| 162 | Evidence for ageâ€related differences in heat acclimatisation responsiveness. Experimental Physiology, 2020, 105, 1491-1499. | 2.0 | 22 |

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|---|---|---|---|
| 163 | 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. | 2.7 | 21 |
| 164 | Cumulative effects of successive workdays in the heat on thermoregulatory function in the aging worker. Temperature, 2018, 5, 293-295. | 3.2 | 21 |
| 165 | Cortical layer 6 control of sensory responses in higherâ€order thalamus. Journal of Physiology, 2020, 598, 3973-4001. | 2.9 | 21 |
| 166 | Changes in exercise and post-exercise core temperature under different clothing conditions. International Journal of Biometeorology, 1999, 43, 8-13. | 3.1 | 20 |
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