

Robert D Meade

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/441432/publications.pdf>

Version: 2024-02-01

54
papers

981
citations

393982

19
h-index

476904

29
g-index

54
all docs

54
docs citations

54
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of extracellular hyperosmolality during normothermia and hyperthermia on the autophagic response in peripheral blood mononuclear cells from young men. <i>Journal of Applied Physiology</i> , 2022, 132, 995-1004.	1.2	2
2	Revisiting regional variation in the age-related reduction in sweat rate during passive heat stress. <i>Physiological Reports</i> , 2022, 10, e15250.	0.7	3
3	The effect of acute intradermal administration of ascorbate on heat loss responses in older adults with uncomplicated controlled hypertension. <i>Experimental Physiology</i> , 2022, 107, 834-843.	0.9	1
4	Myths and methodologies: Reliability of forearm cutaneous vasodilatation measured using laser-Doppler flowmetry during whole-body passive heating. <i>Experimental Physiology</i> , 2021, 106, 634-652.	0.9	5
5	Impaired autophagy following ex vivo heating at physiologically relevant temperatures in peripheral blood mononuclear cells from elderly adults. <i>Journal of Thermal Biology</i> , 2021, 95, 102790.	1.1	9
6	Myths and methodologies: Reliability of non-invasive estimates of cardiac autonomic modulation during whole-body passive heating. <i>Experimental Physiology</i> , 2021, 106, 593-614.	0.9	2
7	Regional variation in the reliability of sweat rate measured via the ventilated capsule technique during passive heating. <i>Experimental Physiology</i> , 2021, 106, 615-633.	0.9	8
8	Time following ingestion does not influence the validity of telemetry pill measurements of core temperature during exercise-heat stress: The journal <i>Temperature</i> toolbox. <i>Temperature</i> , 2021, 8, 12-20.	1.7	35
9	The effect of extracellular hyperosmolality on sweat rate during metaboreflex activation in passively heated young men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, , .	0.9	1
10	Fluid Loss during Exercise-Heat Stress Reduces Cardiac Vagal Autonomic Modulation. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 362-369.	0.2	13
11	Ageing attenuates the effect of extracellular hyperosmolality on whole-body heat exchange during exercise-heat stress. <i>Journal of Physiology</i> , 2020, 598, 5133-5148.	1.3	8
12	Physiological factors characterizing heat-vulnerable older adults: A narrative review. <i>Environment International</i> , 2020, 144, 105909.	4.8	116
13	Whole-body heat exchange in women during constant- and variable-intensity work in the heat. <i>European Journal of Applied Physiology</i> , 2020, 120, 2665-2675.	1.2	3
14	Exercise Thermoregulation in Prepubertal Children: A Brief Methodological Review. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2412-2422.	0.2	22
15	Evidence for age-related differences in heat acclimatisation responsiveness. <i>Experimental Physiology</i> , 2020, 105, 1491-1499.	0.9	15
16	Effect of aerobic fitness on the relation between age and whole-body heat exchange during exercise-heat stress: a retrospective analysis. <i>Experimental Physiology</i> , 2020, 105, 1550-1560.	0.9	11
17	Heat Exchange in Young and Older Men during Constant- and Variable-Intensity Work. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2628-2636.	0.2	4
18	Intermittent sequential pneumatic compression does not enhance whole-body heat loss in elderly adults during extreme heat exposure. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 1383-1386.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Aging and human heat dissipation during exercise-heat stress: an update and future directions. <i>Current Opinion in Physiology</i> , 2019, 10, 219-225.	0.9	26
20	Exogenous Activation of Protease-Activated Receptor 2 Attenuates Cutaneous Vasodilatation and Sweating in Older Men Exercising in the Heat. <i>Skin Pharmacology and Physiology</i> , 2019, 32, 235-243.	1.1	1
21	Revisiting the influence of individual factors on heat exchange during exercise in dry heat using direct calorimetry. <i>Experimental Physiology</i> , 2019, 104, 1038-1050.	0.9	25
22	Local arginase inhibition does not modulate cutaneous vasodilation or sweating in young and older men during exercise. <i>Journal of Applied Physiology</i> , 2019, 126, 1129-1137.	1.2	9
23	Interactive effects of age and hydration state on human thermoregulatory function during exercise in hot-dry conditions. <i>Acta Physiologica</i> , 2019, 226, e13226.	1.8	12
24	Effect of P2 receptor blockade on cutaneous vasodilation during rest and exercise in the heat in young men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 312-315.	0.9	2
25	Type 2 diabetes specifically attenuates purinergic skin vasodilatation without affecting muscarinic and nicotinic skin vasodilatation and sweating. <i>Experimental Physiology</i> , 2018, 103, 212-221.	0.9	9
26	Oxidative stress does not influence local sweat rate during high-intensity exercise. <i>Experimental Physiology</i> , 2018, 103, 172-178.	0.9	6
27	The effect of exogenous activation of protease-activated receptor 2 on cutaneous vasodilatation and sweating in young males during rest and exercise in the heat. <i>Temperature</i> , 2018, 5, 257-266.	1.7	1
28	Cyclooxygenase-1 and -2 modulate sweating but not cutaneous vasodilation during exercise in the heat in young men. <i>Physiological Reports</i> , 2018, 6, e13844.	0.7	10
29	Greater fluid loss does not fully explain the divergent hemodynamic balance mediating postexercise hypotension in endurance-trained men. <i>Journal of Applied Physiology</i> , 2018, 124, 1264-1273.	1.2	4
30	Cumulative effects of successive workdays in the heat on thermoregulatory function in the aging worker. <i>Temperature</i> , 2018, 5, 293-295.	1.7	20
31	Do Graduated Compression Garments Enhance Whole-body Heat Loss During an Extreme Heat Exposure in Older Adults?. <i>FASEB Journal</i> , 2018, 32, 590.22.	0.2	0
32	The roles of K_{Ca} , K_{ATP} , and K_V channels in regulating cutaneous vasodilation and sweating during exercise in the heat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R821-R827.	0.9	12
33	Individual variations in nitric oxide synthase-dependent sweating in young and older males during exercise in the heat: role of aerobic power. <i>Physiological Reports</i> , 2017, 5, e13208.	0.7	16
34	No effect of ascorbate on cutaneous vasodilation and sweating in older men and those with type 2 diabetes exercising in the heat. <i>Physiological Reports</i> , 2017, 5, e13238.	0.7	17
35	The recommended Threshold Limit Values for heat exposure fail to maintain body core temperature within safe limits in older working adults. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 703-711.	0.4	34
36	The physiological strain incurred during electrical utilities work over consecutive work shifts in hot environments: A case report. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 986-994.	0.4	33

#	ARTICLE	IF	CITATIONS
37	Fluid replacement modulates oxidative stress- but not nitric oxide-mediated cutaneous vasodilation and sweating during prolonged exercise in the heat. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R730-R739.	0.9	10
38	Are All Heat Loads Created Equal?. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1796-1804.	0.2	12
39	Do the Threshold Limit Values for Work in Hot Conditions Adequately Protect Workers?. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1187-1196.	0.2	38
40	Exploring the mechanisms underpinning sweating: the development of a specialized ventilated capsule for use with intradermal microdialysis. <i>Physiological Reports</i> , 2016, 4, e12738.	0.7	40
41	The interactive contributions of Na ⁺ /K ⁺ -ATPase and nitric oxide synthase to sweating and cutaneous vasodilatation during exercise in the heat. <i>Journal of Physiology</i> , 2016, 594, 3453-3462.	1.3	20
42	The roles of the Na ⁺ /K ⁺ -ATPase, NKCC, and K ⁺ channels in regulating local sweating and cutaneous blood flow during exercise in humans in vivo. <i>Physiological Reports</i> , 2016, 4, e13024.	0.7	14
43	Cutaneous blood flow during intradermal NO administration in young and older adults: roles for calcium-activated potassium channels and cyclooxygenase?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R1081-R1087.	0.9	12
44	iNOS-dependent sweating and eNOS-dependent cutaneous vasodilation are evident in younger adults, but are diminished in older adults exercising in the heat. <i>Journal of Applied Physiology</i> , 2016, 120, 318-327.	1.2	45
45	The physical demands of electrical utilities work in North America. <i>Journal of Occupational and Environmental Hygiene</i> , 2016, 13, 60-70.	0.4	30
46	Can intradermal administration of angiotensin II influence human heat loss responses during whole body heat stress?. <i>Journal of Applied Physiology</i> , 2015, 118, 1145-1153.	1.2	11
47	Local infusion of ascorbate augments NO-dependent cutaneous vasodilatation during intense exercise in the heat. <i>Journal of Physiology</i> , 2015, 593, 4055-4065.	1.3	22
48	Intradermal administration of ATP augments methacholine-induced cutaneous vasodilation but not sweating in young males and females. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R912-R919.	0.9	28
49	Angiotensin II in human skin: an age-dependent role for core temperature regulation?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1192-H1193.	1.5	0
50	Do nitric oxide synthase and cyclooxygenase contribute to the heat loss responses in older males exercising in the heat?. <i>Journal of Physiology</i> , 2015, 593, 3169-3180.	1.3	29
51	An Evaluation of the Physiological Strain Experienced by Electrical Utility Workers in North America. <i>Journal of Occupational and Environmental Hygiene</i> , 2015, 12, 708-720.	0.4	54
52	Cyclooxygenase inhibition does not alter methacholine-induced sweating. <i>Journal of Applied Physiology</i> , 2014, 117, 1055-1062.	1.2	38
53	Mechanisms underlying the postexercise baroreceptor-mediated suppression of heat loss. <i>Physiological Reports</i> , 2014, 2, e12168.	0.7	25
54	Evidence for cyclooxygenase-dependent sweating in young males during intermittent exercise in the heat. <i>Journal of Physiology</i> , 2014, 592, 5327-5339.	1.3	56