Craig G Crandall

List of Publications by Citations

223 papers	6,165 citations	42 h-index	68 g-index
237 ext. papers	6,892 ext. citations	3.3 avg, IF	5.82 L-index

#	Paper	IF	Citations
223	Autonomic neural control of dynamic cerebral autoregulation in humans. *Circulation*, **2002**, 106, 1814-20	16.7	338
222	Cutaneous active vasodilation in humans is mediated by cholinergic nerve cotransmission. *Circulation Research*, **1995**, 77, 1222-8	15.7	266
221	The cardiovascular challenge of exercising in the heat. *Journal of Physiology*, **2008**, 586, 45-53	3.9	238
220	Neural control and mechanisms of eccrine sweating during heat stress and exercise. *Journal of Applied Physiology*, **2006**, 100, 1692-701	3.7	193
219	Cardiovascular function in the heat-stressed human. *Acta Physiologica*, **2010**, 199, 407-23	5.6	143
218	Skin blood flow influences near-infrared spectroscopy-derived measurements of tissue oxygenation during heat stress. *Journal of Applied Physiology*, **2006**, 100, 221-4	3.7	129
217	Effects of passive heating on central blood volume and ventricular dimensions in humans. *Journal of Physiology*, **2008**, 586, 293-301	3.9	128
216	Heat stress reduces cerebral blood velocity and markedly impairs orthostatic tolerance in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 291, R1443-8	3.2	118
215	Skin cooling maintains cerebral blood flow velocity and orthostatic tolerance during tilting in heated humans. *Journal of Applied Physiology*, **2002**, 93, 85-91	3.7	108
214	Local heating, but not indirect whole body heating, increases human skeletal muscle blood flow. *Journal of Applied Physiology*, **2011**, 111, 818-24	3.7	102
213	Human cardiovascular responses to passive heat stress. *Comprehensive Physiology*, **2015**, 5, 17-43	7.7	88
212	The effect of iontophoresis on the cutaneous vasculature: evidence for current-induced hyperemia. *Microvascular Research*, **1995**, 50, 444-52	3.7	88
211	Effects of heat stress on thermoregulatory responses in congestive heart failure patients. *Circulation*, **2005**, 112, 2286-92	16.7	83
210	Sex differences in postsynaptic sweating and cutaneous vasodilation. *Journal of Applied Physiology*, **2013**, 114, 394-401	3.7	82
209	Absence of arterial baroreflex modulation of skin sympathetic activity and sweat rate during whole-body heating in humans. *Journal of Physiology*, **2001**, 536, 615-23	3.9	81
208	Mechanism of blood pressure and R-R variability: insights from ganglion blockade in humans. *Journal of Physiology*, **2002**, 543, 337-48	3.9	79
207	Skin blood flow and local temperature independently modify sweat rate during passive heat stress in humans. *Journal of Applied Physiology*, **2010**, 109, 1301-6	3.7	78

206	The effects of reduced end-tidal carbon dioxide tension on cerebral blood flow during heat stress. *Journal of Physiology*, **2009**, 587, 3921-7	3.9	77
205	Baroreflex modulation of muscle sympathetic nerve activity during cold pressor test in humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 282, H1717-23	5.2	77
204	Cerebral hemodynamics during the Valsalva maneuver: insights from ganglionic blockade. *Stroke*, **2004**, 35, 843-7	6.7	75
203	Baroreflex modulation of muscle sympathetic nerve activity during posthandgrip muscle ischemia in humans. *Journal of Applied Physiology*, **2001**, 91, 1679-86	3.7	75
202	Mechanism of cocaine-induced hyperthermia in humans. *Annals of Internal Medicine*, **2002**, 136, 785-91	8	73
201	Effect of whole-body and local heating on cutaneous vasoconstrictor responses in humans. *Autonomic Neuroscience: Basic and Clinical*, **2002**, 97, 122-8	2.4	71
200	Acetylcholine released from cholinergic nerves contributes to cutaneous vasodilation during heat stress. *Journal of Applied Physiology*, **2002**, 93, 1947-51	3.7	68
199	Effect of thermal stress on cardiac function. *Exercise and Sport Sciences Reviews*, **2011**, 39, 12-7	6.7	67
198	Mechanisms and controllers of eccrine sweating in humans. *Frontiers in Bioscience - Scholar*, **2010**, 2, 685-96	2.4	63
197	Non-thermoregulatory modulation of sweating in humans. *Exercise and Sport Sciences Reviews*, **2003**, 31, 34-9	6.7	57
196	Acute volume expansion preserves orthostatic tolerance during whole-body heat stress in humans. *Journal of Physiology*, **2009**, 587, 1131-9	3.9	56
195	Function of human eccrine sweat glands during dynamic exercise and passive heat stress. *Journal of Applied Physiology*, **2001**, 90, 1877-81	3.7	56
194	Cardiac systolic and diastolic function during whole body heat stress. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 296, H1150-6	5.2	54
193	Orthostatic challenge does not alter skin sympathetic nerve activity in heat-stressed humans. *Autonomic Neuroscience: Basic and Clinical*, **2004**, 116, 54-61	2.4	54
192	Sympathetic nerve activity and whole body heat stress in humans. *Journal of Applied Physiology*, **2011**, 111, 1329-34	3.7	53
191	Effect of local acetylcholinesterase inhibition on sweat rate in humans. *Journal of Applied Physiology*, **2001**, 90, 757-62	3.7	50
190	Cerebrovascular responsiveness to steady-state changes in end-tidal CO2 during passive heat stress. *Journal of Applied Physiology*, **2008**, 104, 976-81	3.7	49
189	Baroreflex modulation of sympathetic nerve activity to muscle in heat-stressed humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2002**, 282, R252-8	3.2	48

188	Muscle metaboreceptor modulation of cutaneous active vasodilation. *Medicine and Science in Sports and Exercise*, **1998**, 30, 490-6	1.2	48
187	Insufficient cutaneous vasoconstriction leading up to and during syncopal symptoms in the heat stressed human. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 299, H1168-73	5.2	47
186	Spectral characteristics of skin sympathetic nerve activity in heat-stressed humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2006**, 290, H1601-9	5.2	45
185	Modelflow underestimates cardiac output in heat-stressed individuals. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 300, R486-91	3.2	44
184	Effect of skin surface cooling on central venous pressure during orthostatic challenge. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H2429-33	5.2	44
183	Acute limb heating improves macro- and microvascular dilator function in the leg of aged humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 312, H89-H97	5.2	43
182	Muscle sympathetic nerve activity during lower body negative pressure is accentuated in heat-stressed humans. *Journal of Applied Physiology*, **2004**, 96, 2103-8	3.7	43
181	Nitric oxide inhibits cutaneous vasoconstriction to exogenous norepinephrine. *Journal of Applied Physiology*, **2008**, 105, 1504-8	3.7	41
180	Endogenous nitric oxide attenuates neutrally mediated cutaneous vasoconstriction. *Journal of Physiology*, **2007**, 585, 627-34	3.9	41
179	Inhibition of nitric oxide synthase does not alter dynamic cerebral autoregulation in humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 286, H863-9	5.2	41
178	Pilocarpine-induced sweat gland function in individuals with multiple sclerosis. *Journal of Applied Physiology*, **2005**, 98, 1740-4	3.7	40
177	Adrenergic vasoconstrictor responsiveness is preserved in the heated human leg. *Journal of Physiology*, **2010**, 588, 3799-808	3.9	38
176	Dynamic cerebral autoregulation during passive heat stress in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2009**, 296, R1598-605	3.2	38
175	Heat stress and baroreflex regulation of blood pressure. *Medicine and Science in Sports and Exercise*, **2008**, 40, 2063-70	1.2	38
174	Dynamic autoregulation of cutaneous circulation: differential control in glabrous versus nonglabrous skin. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H385-91	5.2	38
173	Effects of mode of exercise recovery on thermoregulatory and cardiovascular responses. *Journal of Applied Physiology*, **2002**, 93, 1918-24	3.7	37
172	Sympathetic activity during passive heat stress in healthy aged humans. *Journal of Physiology*, **2015**, 593, 2225-35	3.9	35
171	Modified iodine-paper technique for the standardized determination of sweat gland activation. *Journal of Applied Physiology*, **2012**, 112, 1419-25	3.7	35

170	Phenylephrine-induced elevations in arterial blood pressure are attenuated in heat-stressed humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2002**, 283, R1221-6	3.2	35
169	Vasoconstriction during venous congestion: effects of venoarteriolar response, myogenic reflexes, and hemodynamics of changing perfusion pressure. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2005**, 289, R1354-9	3.2	35
168	Impaired cutaneous vasodilation and sweating in grafted skin during whole-body heating. *Journal of Burn Care and Research*, **2007**, 28, 427-34	0.8	34
167	Cutaneous vascular and sudomotor responses in human skin grafts. *Journal of Applied Physiology*, **2010**, 109, 1524-30	3.7	33
166	Sustained impairments in cutaneous vasodilation and sweating in grafted skin following long-term recovery. *Journal of Burn Care and Research*, **2009**, 30, 675-85	0.8	33
165	Mechanisms of orthostatic intolerance during heat stress. *Autonomic Neuroscience: Basic and Clinical*, **2016**, 196, 37-46	2.4	33
164	Effects of heat stress on dynamic cerebral autoregulation during large fluctuations in arterial blood pressure. *Journal of Applied Physiology*, **2009**, 107, 1722-9	3.7	32
163	Cutaneous blood flow and sweat rate responses to exogenous administration of acetylcholine and methacholine. *Journal of Applied Physiology*, **2007**, 102, 1856-61	3.7	32
162	Neurally mediated vasoconstriction is capable of decreasing skin blood flow during orthostasis in the heat-stressed human. *Journal of Physiology*, **2006**, 575, 953-9	3.9	32
161	Spectral analysis of muscle sympathetic nerve activity in heat-stressed humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 286, H1101-6	5.2	31
160	Mean body temperature does not modulate eccrine sweat rate during upright tilt. *Journal of Applied Physiology*, **2005**, 98, 1207-12	3.7	31
159	Effects of muscle metaboreceptor stimulation on cutaneous blood flow from glabrous and nonglabrous skin in mildly heated humans. *Journal of Applied Physiology*, **2003**, 94, 1829-35	3.7	30
158	Muscle mechanoreceptor modulation of sweat rate during recovery from moderate exercise. *Journal of Applied Physiology*, **2004**, 96, 2115-9	3.7	30
157	Cognitive and perceptual responses during passive heat stress in younger and older adults. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 308, R847-54	3.2	29
156	Effect of passive heat stress on arterial stiffness. *Experimental Physiology*, **2011**, 96, 919-26	2.4	29
155	Cutaneous and hemodynamic responses during hot flashes in symptomatic postmenopausal women. *Menopause*, **2008**, 15, 290-5	2.5	28
154	Active recovery attenuates the fall in sweat rate but not cutaneous vascular conductance after supine exercise. *Journal of Applied Physiology*, **2004**, 96, 668-73	3.7	28
153	Effect of heat stress on cardiac output and systemic vascular conductance during simulated hemorrhage to presyncope in young men. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 302, H1756-61	5.2	26

152	Effects of heat stress on baroreflex function in humans. *Acta Physiologica Scandinavica*, **2003**, 177, 321-8		26
151	Central command is capable of modulating sweating from non-glabrous human skin. *Journal of Physiology*, **2003**, 553, 999-1004	3.9	26
150	Hypercoagulability in response to elevated body temperature and central hypovolemia. *Journal of Surgical Research*, **2013**, 185, e93-100	2.5	25
149	Skin grafting impairs postsynaptic cutaneous vasodilator and sweating responses. *Journal of Burn Care and Research*, **2007**, 28, 435-41	0.8	25
148	Sweat loss during heat stress contributes to subsequent reductions in lower-body negative pressure tolerance. *Experimental Physiology*, **2013**, 98, 473-80	2.4	24
147	Nongrafted Skin Area Best Predicts Exercise Core Temperature Responses in Burned Humans. *Medicine and Science in Sports and Exercise*, **2015**, 47, 2224-32	1.2	24
146	Baroreflex control of muscle sympathetic nerve activity during skin surface cooling. *Journal of Applied Physiology*, **2007**, 103, 1284-9	3.7	24
145	Carotid baroreceptor stimulation alters cutaneous vascular conductance during whole-body heating in humans. *Journal of Physiology*, **2006**, 577, 925-33	3.9	24
144	Effects of community-based exercise in children with severe burns: A randomized trial. *Burns*, **2016**, 42, 41-47	2.3	23
143	Comparing resting skin sympathetic nerve activity between groups: caution needed. *Journal of Applied Physiology*, **2009**, 106, 1751-2; author reply 1753	3.7	23
142	Effect of elevated local temperature on cutaneous vasoconstrictor responsiveness in humans. *Journal of Applied Physiology*, **2009**, 106, 571-5	3.7	23
141	Colloid volume loading does not mitigate decreases in central blood volume during simulated haemorrhage while heat stressed. *Journal of Physiology*, **2012**, 590, 1287-97	3.9	22
140	End-tidal carbon dioxide tension reflects arterial carbon dioxide tension in the heat-stressed human with and without simulated hemorrhage. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 300, R978-83	3.2	22
139	Temporal thermometry fails to track body core temperature during heat stress. *Medicine and Science in Sports and Exercise*, **2007**, 39, 1029-35	1.2	22
138	Integration of Central and Peripheral Regulation of the Circulation during Exercise: Acute and Chronic Adaptations. *Comprehensive Physiology*, **2017**, 8, 103-151	7.7	21
137	Mechanisms of cutaneous vasodilation during the postmenopausal hot flash. *Menopause*, **2011**, 18, 359-65		21
136	Effects of 14 days of head-down tilt bed rest on cutaneous vasoconstrictor responses in humans. *Journal of Applied Physiology*, **2003**, 94, 2113-8	3.7	21
135	Age Modulates Physiological Responses during Fan Use under Extreme Heat and Humidity. *Medicine and Science in Sports and Exercise*, **2017**, 49, 2333-2342	1.2	20

134	Heat-stress-induced changes in central venous pressure do not explain interindividual differences in orthostatic tolerance during heat stress. *Journal of Applied Physiology*, **2011**, 110, 1283-9	3.7	20
133	Plasma hyperosmolality attenuates skin sympathetic nerve activity during passive heat stress in humans. *Journal of Physiology*, **2016**, 594, 497-506	3.9	20
132	Aerobic Fitness Is Disproportionately Low in Adult Burn Survivors Years After Injury. *Journal of Burn Care and Research*, **2015**, 36, 513-9	0.8	19
131	Cerebral vasomotor reactivity: steady-state versus transient changes in carbon dioxide tension. *Experimental Physiology*, **2014**, 99, 1499-510	2.4	19
130	Hypercapnia-induced increases in cerebral blood flow do not improve lower body negative pressure tolerance during hyperthermia. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2013**, 305, R604-9	3.2	19
129	Heat stress attenuates the increase in arterial blood pressure during the cold pressor test. *Journal of Applied Physiology*, **2010**, 109, 1354-9	3.7	19
128	Effect of whole body heat stress on peripheral vasoconstriction during leg dependency. *Journal of Applied Physiology*, **2009**, 107, 1704-9	3.7	19
127	Exercise throughout 6 degrees head-down tilt bed rest preserves thermoregulatory responses. *Journal of Applied Physiology*, **2003**, 95, 1817-23	3.7	19
126	Healthy aging does not compromise the augmentation of cardiac function during heat stress. *Journal of Applied Physiology*, **2016**, 121, 885-892	3.7	19
125	Methodological assessment of skin and limb blood flows in the human forearm during thermal and baroreceptor provocations. *Journal of Applied Physiology*, **2010**, 109, 895-900	3.7	18
124	Central command and the cutaneous vascular response to isometric exercise in heated humans. *Journal of Physiology*, **2005**, 565, 667-73	3.9	18
123	Dynamic regulation of heart rate during acute hypotension: new insight into baroreflex function. *American Journal of Physiology - Heart and Circulatory Physiology*, **2001**, 280, H407-19	5.2	18
122	Cardiac and Thermal Strain of Elderly Adults Exposed to Extreme Heat and Humidity With and Without Electric Fan Use. *JAMA - Journal of the American Medical Association*, **2016**, 316, 989-91	27.4	18
121	Does attenuated skin blood flow lower sweat rate and the critical environmental limit for heat balance during severe heat exposure?. *Experimental Physiology*, **2017**, 102, 202-213	2.4	17
120	Effect of human skin grafts on whole-body heat loss during exercise heat stress: a case report. *Journal of Burn Care and Research*, **2013**, 34, e263-70	0.8	17
119	Skin surface cooling improves orthostatic tolerance following prolonged head-down bed rest. *Journal of Applied Physiology*, **2011**, 110, 1592-7	3.7	17
118	Intradermal administration of ATP does not mitigate tyramine-stimulated vasoconstriction in human skin. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2010**, 298, R1417-20	3.2	17
117	Pulmonary artery and intestinal temperatures during heat stress and cooling. *Medicine and Science in Sports and Exercise*, **2012**, 44, 857-62	1.2	17

116	Age-related changes to cardiac systolic and diastolic function during whole-body passive hyperthermia. *Experimental Physiology*, **2015**, 100, 422-34	2.4	16
115	Normothermic central hypovolemia tolerance reflects hyperthermic tolerance. *Clinical Autonomic Research*, **2014**, 24, 119-26	4.3	16
114	Muscle sympathetic responses during orthostasis in heat-stressed individuals. *Clinical Autonomic Research*, **2011**, 21, 381-7	4.3	16
113	Validity of auscultatory and Penaz blood pressure measurements during profound heat stress alone and with an orthostatic challenge. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2011**, 301, R1510-6	3.2	16
112	Does local heating-induced nitric oxide production attenuate vasoconstrictor responsiveness to lower body negative pressure in human skin?. *Journal of Applied Physiology*, **2007**, 102, 1839-43	3.7	16
111	Palmar skin blood flow and temperature responses throughout endoscopic sympathectomy. *Anesthesia and Analgesia*, **2005**, 100, 277-283	3.9	16
110	Post-exercise cold water immersion does not alter high intensity interval training-induced exercise performance and Hsp72 responses, but enhances mitochondrial markers. *Cell Stress and Chaperones*, **2016**, 21, 793-804	4	15
109	Acute volume expansion attenuates hyperthermia-induced reductions in cerebral perfusion during simulated hemorrhage. *Journal of Applied Physiology*, **2013**, 114, 1730-5	3.7	15
108	Nitric oxide synthase inhibition attenuates cutaneous vasodilation during postmenopausal hot flash episodes. *Menopause*, **2010**, 17, 978-82	2.5	15
107	Combined heat and mental stress alters neurovascular control in humans. *Journal of Applied Physiology*, **2010**, 109, 1880-6	3.7	15
106	A diminished aortic-cardiac reflex during hypotension in aerobically fit young men. *Medicine and Science in Sports and Exercise*, **1993**, 25, 1024???1030	1.2	15
105	Keeping older individuals cool in hot and moderately humid conditions: wetted clothing with and without an electric fan. *Journal of Applied Physiology*, **2020**, 128, 604-611	3.7	14
104	Effect of increases in cardiac contractility on cerebral blood flow in humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H1155-H1161	5.2	14
103	Heat acclimation improves heat exercise tolerance and heat dissipation in individuals with extensive skin grafts. *Journal of Applied Physiology*, **2015**, 119, 69-76	3.7	14
102	Sweating as a heat loss thermoeffector. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2018**, 156, 211-232	3	14
101	The role of cardiac sympathetic innervation and skin thermoreceptors on cardiac responses during heat stress. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H1336-42	5.2	13
100	Post Junctional Sudomotor and Cutaneous Vascular Responses in Noninjured Skin Following Heat Acclimation in Burn Survivors. *Journal of Burn Care and Research*, **2017**, 38, e284-e292	0.8	13
99	Folic acid ingestion improves skeletal muscle blood flow during graded handgrip and plantar flexion exercise in aged humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H658-H666	5.2	13

98	Beneficial effects of elevating cardiac preload on left-ventricular diastolic function and volume during heat stress: implications toward tolerance during a hemorrhagic insult. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R1036-41	3.2	13
97	Hyperthermia does not alter the increase in cerebral perfusion during cognitive activation. *Experimental Physiology*, **2013**, 98, 1597-607	2.4	13
96	Neural and non-neural control of skin blood flow during isometric handgrip exercise in the heat stressed human. *Journal of Physiology*, **2009**, 587, 2101-7	3.9	13
95	The Effect of Passive Heat Stress and Exercise-Induced Dehydration on the Compensatory Reserve During Simulated Hemorrhage. *Shock*, **2016**, 46, 74-82	3.4	13
94	Skin blood flow measurements during heat stress: technical and analytical considerations. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2020**, 318, R57-R69	3.2	13
93	Whole body heat stress attenuates baroreflex control of muscle sympathetic nerve activity during postexercise muscle ischemia. *Journal of Applied Physiology*, **2009**, 106, 1125-31	3.7	12
92	Brain blood flow and cardiovascular responses to hot flashes in postmenopausal women. *Menopause*, **2013**, 20, 299-304	2.5	11
91	The effect of elevations in internal temperature on event-related potentials during a simple cognitive task in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2016**, 311, R33-8	3.2	11
90	An acute bout of whole body passive hyperthermia increases plasma leptin, but does not alter glucose or insulin responses in obese type 2 diabetics and healthy adults. *Journal of Thermal Biology*, **2016**, 59, 26-33	2.9	11
89	Increased postural sway in persons with multiple sclerosis during short-term exposure to warm ambient temperatures. *Gait and Posture*, **2017**, 53, 230-235	2.6	10
88	Fluid restriction during exercise in the heat reduces tolerance to progressive central hypovolaemia. *Experimental Physiology*, **2015**, 100, 926-34	2.4	10
87	Baroreceptor unloading does not limit forearm sweat rate during severe passive heat stress. *Journal of Applied Physiology*, **2015**, 118, 449-54	3.7	9
86	Impact of environmental stressors on tolerance to hemorrhage in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 316, R88-R100	3.2	9
85	Cardiovascular responses to cold and submaximal exercise in patients with coronary artery disease. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 315, R768-R776	2.2	8
84	Adenosine receptor inhibition attenuates the decrease in cutaneous vascular conductance during whole-body cooling from hyperthermia. *Experimental Physiology*, **2014**, 99, 196-204	2.4	8
83	Comments on point:counterpoint: humans do/do not demonstrate selective brain cooling during hyperthermia. *Journal of Applied Physiology*, **2011**, 110, 575-80	3.7	8
82	Nitric oxide synthase inhibition does not affect regulation of muscle sympathetic nerve activity during head-up tilt. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 285, H2105-10	5.2	8
81	Does nitric oxide buffer arterial blood pressure variability in humans?. *Journal of Applied Physiology*, **2002**, 93, 1466-70	3.7	8

80	Active and passive heat stress similarly compromise tolerance to a simulated hemorrhagic challenge. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R822-7	3.2	7
79	Folic acid supplementation does not attenuate thermoregulatory or cardiovascular strain of older adults exposed to extreme heat and humidity. *Experimental Physiology*, **2018**, 103, 1123-1131	2.4	6
78	Thermal comfort and safety of cotton blankets warmed at 130°F and 200°F. *Journal of Perianesthesia Nursing*, **2013**, 28, 337-46	1.3	6
77	Tissue oxygen saturation during hyperthermic progressive central hypovolemia. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R731-6	3.2	6
76	Forehead versus forearm skin vascular responses at presyncope in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 307, R908-13	3.2	6
75	Heat stress alters hemodynamic responses during the Valsalva maneuver. *Journal of Applied Physiology*, **2010**, 108, 1591-4	3.7	6
74	Cutaneous vasoconstriction during whole-body and local cooling in grafted skin five to nine months postsurgery. *Journal of Burn Care and Research*, **2008**, 29, 36-41	0.8	6
73	Heat acclimation of an adult female with a large surface area of grafted skin. *Journal of Burn Care and Research*, **2008**, 29, 848-51	0.8	6
72	Exercise Thermoregulation with a Simulated Burn Injury: Impact of Air Temperature. *Medicine and Science in Sports and Exercise*, **2020**, 52, 712-719	1.2	6
71	Local Passive Heat for the Treatment of Hypertension in Autonomic Failure. *Journal of the American Heart Association*, **2021**, 10, e018979	6	6
70	No Thermoregulatory Impairment in Skin Graft Donor Sites during Exercise-Heat Stress. *Medicine and Science in Sports and Exercise*, **2019**, 51, 868-873	1.2	6
69	Low dose ketamine reduces pain perception and blood pressure, but not muscle sympathetic nerve activity, responses during a cold pressor test. *Journal of Physiology*, **2021**, 599, 67-81	3.9	6
68	Early sympathetic neural responses during a cold pressor test linked to pain perception. *Clinical Autonomic Research*, **2021**, 31, 215-224	4.3	6
67	Electric fan use during heat waves: Turn off for the elderly?. *Temperature*, **2017**, 4, 104-106	5.2	5
66	Progressive exercise training improves maximal aerobic capacity in individuals with well-healed burn injuries. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 317, R563-R570	3.2	5
65	Cardiac Structure and Function in Well-Healed Burn Survivors. *Journal of Burn Care and Research*, **2019**, 40, 235-241	0.8	5
64	Augmented venoarteriolar response with ageing is associated with morning blood pressure surge. *Experimental Physiology*, **2018**, 103, 1448-1455	2.4	5
63	Volume loading augments cutaneous vasodilatation and cardiac output of heat stressed older adults. *Journal of Physiology*, **2017**, 595, 6489-6498	3.9	5

62	Impaired sweating in multiple sclerosis leads to increased reliance on skin blood flow for heat dissipation. *FASEB Journal*, **2010**, 24, 991.25	0.9	5
61	Low-dose ketamine affects blood pressure, but not muscle sympathetic nerve activity, during progressive central hypovolemia without altering tolerance. *Journal of Physiology*, **2020**, 598, 5661-5672	3.9	5
60	Hemostatic responses to exercise, dehydration, and simulated bleeding in heat-stressed humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 316, R145-R156	3.2	5
59	Arterial stiffness during whole-body passive heat stress in healthy older adults. *Physiological Reports*, **2019**, 7, e14094	2.6	4
58	Human Heat Physiology **2018**, 15-30		4
57	Cardiopulmonary and arterial baroreceptor unloading during passive hyperthermia does not contribute to hyperthermia-induced hyperventilation. *Experimental Physiology*, **2015**, 100, 1309-18	2.4	4
56	Atrial Natriuretic Peptide and Acute Changes in Central Blood Volume by Hyperthermia in Healthy Humans. *Open Neuroendocrinology Journal (Online)*, **2012**, 5, 1-4		4
55	Exercise Core Temperature Response with a Simulated Burn Injury: Effect of Body Size. *Medicine and Science in Sports and Exercise*, **2020**, 52, 705-711	1.2	4
54	Hemodynamic Stability to Surface Warming and Cooling During Sustained and Continuous Simulated Hemorrhage in Humans. *Shock*, **2016**, 46, 42-9	3.4	4
53	Is core temperature the trigger of a menopausal hot flush?. *Menopause*, **2019**, 26, 1016-1023	2.5	4
52	Effects of Community-Based Exercise in Adults With Severe Burns: A Randomized Controlled Trial. *Archives of Physical Medicine and Rehabilitation*, **2020**, 101, S36-S41	2.8	4
51	Vasodilator function is impaired in burn injury survivors. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 315, R1054-R1060	3.2	4
50	Elevated skin and core temperatures both contribute to reductions in tolerance to a simulated haemorrhagic challenge. *Experimental Physiology*, **2017**, 102, 255-264	2.4	3
49	Safety of Rolled and Folded Cotton Blankets Warmed in 130°F and 200°F Cabinets. *Journal of Perianesthesia Nursing*, **2017**, 32, 600-608	1.3	3
48	Greater fluid loss does not fully explain the divergent hemodynamic balance mediating postexercise hypotension in endurance-trained men. *Journal of Applied Physiology*, **2018**, 124, 1264-1273	3.7	3
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