

Craig G Crandall

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Adults with well-healed burn injuries have lower pulmonary function values decades after injury.. <i>Physiological Reports</i> , 2022 , 10, e15264	2.6	
222	Low-Dose Fentanyl Reduces Pain Perception, Muscle Sympathetic Nerve Activity Responses, and Blood Pressure Responses During the Cold Pressor Test. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 ,	3.2	2
221	Low-Dose Fentanyl Does Not Alter Muscle Sympathetic Nerve Activity, Blood Pressure, or Tolerance During Progressive Central Hypovolemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 ,	3.2	2
220	Cardiovascular responses to dynamic and static upper-body exercise in a cold environment in coronary artery disease patients. <i>European Journal of Applied Physiology</i> , 2021 , 1	3.4	1
219	Interaction of Exercise Intensity and Simulated Burn Injury Size on Thermoregulation. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 367-374	1.2	2
218	Local Passive Heat for the Treatment of Hypertension in Autonomic Failure. <i>Journal of the American Heart Association</i> , 2021 , 10, e018979	6	6
217	Thermoregulatory Responses with Size-matched Simulated Torso or Limb Skin Grafts. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 2190-2195	1.2	0
216	Low dose ketamine reduces pain perception and blood pressure, but not muscle sympathetic nerve activity, responses during a cold pressor test. <i>Journal of Physiology</i> , 2021 , 599, 67-81	3.9	6
215	Early sympathetic neural responses during a cold pressor test linked to pain perception. <i>Clinical Autonomic Research</i> , 2021 , 31, 215-224	4.3	6
214	Central aortic hemodynamics following acute lower and upper-body exercise in a cold environment among patients with coronary artery disease. <i>Scientific Reports</i> , 2021 , 11, 2550	4.9	1
213	Rehabilitative Exercise Training for Burn Injury. <i>Sports Medicine</i> , 2021 , 51, 2469-2482	10.6	2
212	An assessment of hypercapnia-induced elevations in regional cerebral perfusion during combined orthostatic and heat stresses. <i>Journal of Physiological Sciences</i> , 2020 , 70, 25	2.3	0
211	The benefits of an unsupervised exercise program in persons with well-healed burn injuries within the International Classification of Functioning, Disability and Health (ICF). <i>Burns</i> , 2020 , 46, 1280-1288	2.3	1
210	Keeping older individuals cool in hot and moderately humid conditions: wetted clothing with and without an electric fan. <i>Journal of Applied Physiology</i> , 2020 , 128, 604-611	3.7	14
209	The effect of whole-body skin cooling on dynamic cerebral autoregulation. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
208	Exercise Thermoregulation with a Simulated Burn Injury: Impact of Air Temperature. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 712-719	1.2	6
207	Exercise Core Temperature Response with a Simulated Burn Injury: Effect of Body Size. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 705-711	1.2	4

206	Burn Injury Does Not Exacerbate Heat Strain during Exercise while Wearing Body Armor. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2235-2241	1.2	3
205	Exercise Training Improves Microvascular Function in Burn Injury Survivors. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2430-2436	1.2	0
204	Low-dose ketamine affects blood pressure, but not muscle sympathetic nerve activity, during progressive central hypovolemia without altering tolerance. <i>Journal of Physiology</i> , 2020 , 598, 5661-5672 ^{3.9}		5
203	Dietary nitrate supplementation does not influence thermoregulatory or cardiovascular strain in older individuals during severe ambient heat stress. <i>Experimental Physiology</i> , 2020 , 105, 1730-1741	2.4	0
202	Effects of Community-Based Exercise in Adults With Severe Burns: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020 , 101, S36-S41	2.8	4
201	Skin blood flow measurements during heat stress: technical and analytical considerations. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R57-R69	3.2	13
200	Progressive exercise training improves maximal aerobic capacity in individuals with well-healed burn injuries. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R563-R570	3.2	5
199	Cardiac Structure and Function in Well-Healed Burn Survivors. <i>Journal of Burn Care and Research</i> , 2019 , 40, 235-241	0.8	5
198	Arterial stiffness during whole-body passive heat stress in healthy older adults. <i>Physiological Reports</i> , 2019 , 7, e14094	2.6	4
197	Exercise heat acclimation causes post-exercise hypotension and favorable improvements in lipid and immune profiles: A crossover randomized controlled trial. <i>Journal of Thermal Biology</i> , 2019 , 84, 266-273 ^{2.9}		2
196	Impaired pulmonary function and right ventricular morphology in well-healed burn survivors is related to aerobic capacity and not severity of burn injury. <i>FASEB Journal</i> , 2019 , 33, 535.9	0.9	
195	The dynamics of cerebral blood flow leading up to pre-syncope in heat stressed humans. <i>FASEB Journal</i> , 2019 , 33, 528.6	0.9	
194	Is core temperature the trigger of a menopausal hot flush?. <i>Menopause</i> , 2019 , 26, 1016-1023	2.5	4
193	No Thermoregulatory Impairment in Skin Graft Donor Sites during Exercise-Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 868-873	1.2	6
192	Hemostatic responses to exercise, dehydration, and simulated bleeding in heat-stressed humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R145-R156 ^{3.2}		5
191	Impact of environmental stressors on tolerance to hemorrhage in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 316, R88-R100	3.2	9
190	Human Heat Physiology 2018 , 15-30		4
189	Cardiovascular responses to cold and submaximal exercise in patients with coronary artery disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R768-R776 ^{3.2}		8

188	Augmented venoarteriolar response with ageing is associated with morning blood pressure surge. <i>Experimental Physiology</i> , 2018 , 103, 1448-1455	2.4	5
187	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 ^{3,7}		3
186	Folic acid supplementation does not attenuate thermoregulatory or cardiovascular strain of older adults exposed to extreme heat and humidity. <i>Experimental Physiology</i> , 2018 , 103, 1123-1131	2.4	6
185	Effect of Chronic Lower Limb Heating on Cutaneous Microvascular Function in Aged Humans. <i>FASEB Journal</i> , 2018 , 32, 722.31	0.9	
184	Sweating as a heat loss thermoeffector. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2018 , 156, 211-232	3	14
183	Vasodilator function is impaired in burn injury survivors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018 , 315, R1054-R1060	3.2	4
182	Tolerance to a haemorrhagic challenge during heat stress is improved with inspiratory resistance breathing. <i>Experimental Physiology</i> , 2018 , 103, 1243-1250	2.4	3
181	Acute limb heating improves macro- and microvascular dilator function in the leg of aged humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H89-H97	5.2	43
180	Elevated skin and core temperatures both contribute to reductions in tolerance to a simulated haemorrhagic challenge. <i>Experimental Physiology</i> , 2017 , 102, 255-264	2.4	3
179	Electric fan use during heat waves: Turn off for the elderly?. <i>Temperature</i> , 2017 , 4, 104-106	5.2	5
178	Increased postural sway in persons with multiple sclerosis during short-term exposure to warm ambient temperatures. <i>Gait and Posture</i> , 2017 , 53, 230-235	2.6	10
177	Does attenuated skin blood flow lower sweat rate and the critical environmental limit for heat balance during severe heat exposure?. <i>Experimental Physiology</i> , 2017 , 102, 202-213	2.4	17
176	Age Modulates Physiological Responses during Fan Use under Extreme Heat and Humidity. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2333-2342	1.2	20
175	Safety of Rolled and Folded Cotton Blankets Warmed in 130°F and 200°F Cabinets. <i>Journal of Perianesthesia Nursing</i> , 2017 , 32, 600-608	1.3	3
174	Volume loading augments cutaneous vasodilatation and cardiac output of heat stressed older adults. <i>Journal of Physiology</i> , 2017 , 595, 6489-6498	3.9	5
173	Effect of increases in cardiac contractility on cerebral blood flow in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H1155-H1161	5.2	14
172	Plasma hyperosmolality improves tolerance to combined heat stress and central hypovolemia in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 312, R273-R280	3.2	1
171	Post Junctional Sudomotor and Cutaneous Vascular Responses in Noninjured Skin Following Heat Acclimation in Burn Survivors. <i>Journal of Burn Care and Research</i> , 2017 , 38, e284-e292	0.8	13

170	Folic acid ingestion improves skeletal muscle blood flow during graded handgrip and plantar flexion exercise in aged humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 313, H658-H666	5.2	13
169	Integration of Central and Peripheral Regulation of the Circulation during Exercise: Acute and Chronic Adaptations. <i>Comprehensive Physiology</i> , 2017 , 8, 103-151	7.7	21
168	Post-exercise cold water immersion does not alter high intensity interval training-induced exercise performance and Hsp72 responses, but enhances mitochondrial markers. <i>Cell Stress and Chaperones</i> , 2016 , 21, 793-804	4	15
167	Effects of community-based exercise in children with severe burns: A randomized trial. <i>Burns</i> , 2016 , 42, 41-47	2.3	23
166	Healthy aging does not compromise the augmentation of cardiac function during heat stress. <i>Journal of Applied Physiology</i> , 2016 , 121, 885-892	3.7	19
165	Does Attenuated Skin Blood Flow Lower Sweat Rate and Thereby the Critical Environmental Limit for Heat Balance?. <i>FASEB Journal</i> , 2016 , 30, lb670	0.9	
164	The Effect of Passive Heat Stress and Exercise-Induced Dehydration on the Compensatory Reserve During Simulated Hemorrhage. <i>Shock</i> , 2016 , 46, 74-82	3.4	13
163	Hemodynamic Stability to Surface Warming and Cooling During Sustained and Continuous Simulated Hemorrhage in Humans. <i>Shock</i> , 2016 , 46, 42-9	3.4	4
162	The effect of elevations in internal temperature on event-related potentials during a simple cognitive task in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 311, R33-8	3.2	11
161	Plasma hyperosmolality attenuates skin sympathetic nerve activity during passive heat stress in humans. <i>Journal of Physiology</i> , 2016 , 594, 497-506	3.9	20
160	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. <i>Journal of Thermal Biology</i> , 2016 , 59, 26-33	2.9	11
159	Mechanisms of orthostatic intolerance during heat stress. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016 , 196, 37-46	2.4	33
158	Cardiac and Thermal Strain of Elderly Adults Exposed to Extreme Heat and Humidity With and Without Electric Fan Use. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 989-91	27.4	18
157	The role of cardiac sympathetic innervation and skin thermoreceptors on cardiac responses during heat stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H1336-42	5.2	13
156	Cognitive and perceptual responses during passive heat stress in younger and older adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 308, R847-54	3.2	29
155	Age-related changes to cardiac systolic and diastolic function during whole-body passive hyperthermia. <i>Experimental Physiology</i> , 2015 , 100, 422-34	2.4	16
154	Sympathetic activity during passive heat stress in healthy aged humans. <i>Journal of Physiology</i> , 2015 , 593, 2225-35	3.9	35
153	Fluid restriction during exercise in the heat reduces tolerance to progressive central hypovolaemia. <i>Experimental Physiology</i> , 2015 , 100, 926-34	2.4	10

152	Heat acclimation improves heat exercise tolerance and heat dissipation in individuals with extensive skin grafts. <i>Journal of Applied Physiology</i> , 2015 , 119, 69-76	3.7	14
151	Aerobic Fitness Is Disproportionately Low in Adult Burn Survivors Years After Injury. <i>Journal of Burn Care and Research</i> , 2015 , 36, 513-9	0.8	19
150	Nongrafted Skin Area Best Predicts Exercise Core Temperature Responses in Burned Humans. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2224-32	1.2	24
149	Cardiopulmonary and arterial baroreceptor unloading during passive hyperthermia does not contribute to hyperthermia-induced hyperventilation. <i>Experimental Physiology</i> , 2015 , 100, 1309-18	2.4	4
148	Combined facial heating and inhalation of hot air do not alter thermoeffector responses in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R623-7	3.2	1
147	Baroreceptor unloading does not limit forearm sweat rate during severe passive heat stress. <i>Journal of Applied Physiology</i> , 2015 , 118, 449-54	3.7	9
146	Human cardiovascular responses to passive heat stress. <i>Comprehensive Physiology</i> , 2015 , 5, 17-43	7.7	88
145	Warm Water Immersion Similarly Reduces Arterial Blood Pressure in Obese Type 2 Diabetic and Healthy Individuals. <i>FASEB Journal</i> , 2015 , 29, 993.1	0.9	
144	Normothermic central hypovolemia tolerance reflects hyperthermic tolerance. <i>Clinical Autonomic Research</i> , 2014 , 24, 119-26	4.3	16
143	Beneficial effects of elevating cardiac preload on left-ventricular diastolic function and volume during heat stress: implications toward tolerance during a hemorrhagic insult. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R1036-41	3.2	13
142	Active and passive heat stress similarly compromise tolerance to a simulated hemorrhagic challenge. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R822-7	3.2	7
141	Tissue oxygen saturation during hyperthermic progressive central hypovolemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R731-6	3.2	6
140	Forehead versus forearm skin vascular responses at presyncope in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R908-13	3.2	6
139	Adenosine receptor inhibition attenuates the decrease in cutaneous vascular conductance during whole-body cooling from hyperthermia. <i>Experimental Physiology</i> , 2014 , 99, 196-204	2.4	8
138	Cerebral vasomotor reactivity: steady-state versus transient changes in carbon dioxide tension. <i>Experimental Physiology</i> , 2014 , 99, 1499-510	2.4	19
137	Thermal comfort and safety of cotton blankets warmed at 130°F and 200°F. <i>Journal of Perianesthesia Nursing</i> , 2013 , 28, 337-46	1.3	6
136	Hypercoagulability in response to elevated body temperature and central hypovolemia. <i>Journal of Surgical Research</i> , 2013 , 185, e93-100	2.5	25
135	Sweat loss during heat stress contributes to subsequent reductions in lower-body negative pressure tolerance. <i>Experimental Physiology</i> , 2013 , 98, 473-80	2.4	24

134	One of these things is not like the other: the heterogeneity of the cerebral circulation. <i>Journal of Physiology</i> , 2013 , 591, 395-7	3.9	3
133	Hypercapnia-induced increases in cerebral blood flow do not improve lower body negative pressure tolerance during hyperthermia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R604-9	3.2	19
132	Hyperthermia does not alter the increase in cerebral perfusion during cognitive activation. <i>Experimental Physiology</i> , 2013 , 98, 1597-607	2.4	13
131	Acute volume expansion attenuates hyperthermia-induced reductions in cerebral perfusion during simulated hemorrhage. <i>Journal of Applied Physiology</i> , 2013 , 114, 1730-5	3.7	15
130	Sex differences in postsynaptic sweating and cutaneous vasodilation. <i>Journal of Applied Physiology</i> , 2013 , 114, 394-401	3.7	82
129	Effect of human skin grafts on whole-body heat loss during exercise heat stress: a case report. <i>Journal of Burn Care and Research</i> , 2013 , 34, e263-70	0.8	17
128	Brain blood flow and cardiovascular responses to hot flashes in postmenopausal women. <i>Menopause</i> , 2013 , 20, 299-304	2.5	11
127	Hyperthermic hyperventilation is not mitigated by cardiopulmonary baroreceptor loading. <i>FASEB Journal</i> , 2013 , 27, 1201.14	0.9	
126	Colloid volume loading does not mitigate decreases in central blood volume during simulated haemorrhage while heat stressed. <i>Journal of Physiology</i> , 2012 , 590, 1287-97	3.9	22
125	Modified iodine-paper technique for the standardized determination of sweat gland activation. <i>Journal of Applied Physiology</i> , 2012 , 112, 1419-25	3.7	35
124	Pulmonary artery and intestinal temperatures during heat stress and cooling. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 857-62	1.2	17
123	Effect of heat stress on cardiac output and systemic vascular conductance during simulated hemorrhage to presyncope in young men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H1756-61	5.2	26
122	Atrial Natriuretic Peptide and Acute Changes in Central Blood Volume by Hyperthermia in Healthy Humans. <i>Open Neuroendocrinology Journal (Online)</i> , 2012 , 5, 1-4		4
121	Hypercapnia does not improve hyperthermic simulated hemorrhagic tolerance. <i>FASEB Journal</i> , 2012 , 26, 1080.8	0.9	
120	Release of acetylcholine during whole-body heating in aged skin. <i>FASEB Journal</i> , 2012 , 26, 1084.5	0.9	1
119	Improved temperature regulation following heat acclimation in well-healed skin graft subjects exercising in the heat. <i>FASEB Journal</i> , 2012 , 26, 1079.9	0.9	
118	Local skin temperature alters cutaneous vasoconstrictor responses to a simulated hemorrhagic challenge while heat stressed. <i>FASEB Journal</i> , 2012 , 26, 1080.11	0.9	
117	Tolerance to a hemorrhagic challenge during heat stress is improved with inspiratory resistance breathing. <i>FASEB Journal</i> , 2012 , 26, 1080.9	0.9	

116	Mechanisms of cutaneous vasodilation during the postmenopausal hot flash. <i>Menopause</i> , 2011 , 18, 359-65	21
115	Reply to Brengelmann. <i>Journal of Applied Physiology</i> , 2011 , 111, 1226-1226	3-7
114	Local heating, but not indirect whole body heating, increases human skeletal muscle blood flow. <i>Journal of Applied Physiology</i> , 2011 , 111, 818-24	3-7 102
113	Skin surface cooling improves orthostatic tolerance following prolonged head-down bed rest. <i>Journal of Applied Physiology</i> , 2011 , 110, 1592-7	3-7 17
112	Heat-stress-induced changes in central venous pressure do not explain interindividual differences in orthostatic tolerance during heat stress. <i>Journal of Applied Physiology</i> , 2011 , 110, 1283-9	3-7 20
111	Comments on point:counterpoint: humans do/do not demonstrate selective brain cooling during hyperthermia. <i>Journal of Applied Physiology</i> , 2011 , 110, 575-80	3-7 8
110	Effect of passive heat stress on arterial stiffness. <i>Experimental Physiology</i> , 2011 , 96, 919-26	2.4 29
109	Muscle sympathetic responses during orthostasis in heat-stressed individuals. <i>Clinical Autonomic Research</i> , 2011 , 21, 381-7	4-3 16
108	Validity of auscultatory and Penaz blood pressure measurements during profound heat stress alone and with an orthostatic challenge. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R1510-6	3.2 16
107	Sympathetic nerve activity and whole body heat stress in humans. <i>Journal of Applied Physiology</i> , 2011 , 111, 1329-34	3-7 53
106	Effect of thermal stress on cardiac function. <i>Exercise and Sport Sciences Reviews</i> , 2011 , 39, 12-7	6.7 67
105	Modelflow underestimates cardiac output in heat-stressed individuals. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 300, R486-91	3-2 44
104	End-tidal carbon dioxide tension reflects arterial carbon dioxide tension in the heat-stressed human with and without simulated hemorrhage. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 300, R978-83	3.2 22
103	Comparison of Pulmonary Artery Blood and Intestinal Temperatures in Humans. <i>FASEB Journal</i> , 2011 , 25, 1053.11	0.9
102	Acute volume infusion improves left ventricular diastolic function during heat stress. <i>FASEB Journal</i> , 2011 , 25, 1053.5	0.9
101	Cardiac output at pre-syncope in the heat-stressed human. <i>FASEB Journal</i> , 2011 , 25, 1053.4	0.9
100	Cardiovascular function in the heat-stressed human. <i>Acta Physiologica</i> , 2010 , 199, 407-23	5.6 143
99	Adrenergic vasoconstrictor responsiveness is preserved in the heated human leg. <i>Journal of Physiology</i> , 2010 , 588, 3799-808	3-9 38

98	Heat stress alters hemodynamic responses during the Valsalva maneuver. <i>Journal of Applied Physiology</i> , 2010 , 108, 1591-4	3.7	6
97	Mechanisms and controllers of eccrine sweating in humans. <i>Frontiers in Bioscience - Scholar</i> , 2010 , 2, 685-94	3.7	63
96	Heat stress attenuates the increase in arterial blood pressure during the cold pressor test. <i>Journal of Applied Physiology</i> , 2010 , 109, 1354-9	3.7	19
95	Intradermal administration of ATP does not mitigate tyramine-stimulated vasoconstriction in human skin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R1417-20	3.2	17
94	Insufficient cutaneous vasoconstriction leading up to and during syncopal symptoms in the heat stressed human. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H1168-73	5.2	47
93	Cutaneous vascular and sudomotor responses in human skin grafts. <i>Journal of Applied Physiology</i> , 2010 , 109, 1524-30	3.7	33
92	Nitric oxide synthase inhibition attenuates cutaneous vasodilation during postmenopausal hot flash episodes. <i>Menopause</i> , 2010 , 17, 978-82	2.5	15
91	Combined heat and mental stress alters neurovascular control in humans. <i>Journal of Applied Physiology</i> , 2010 , 109, 1880-6	3.7	15
90	Skin blood flow and local temperature independently modify sweat rate during passive heat stress in humans. <i>Journal of Applied Physiology</i> , 2010 , 109, 1301-6	3.7	78
89	Methodological assessment of skin and limb blood flows in the human forearm during thermal and baroreceptor provocations. <i>Journal of Applied Physiology</i> , 2010 , 109, 895-900	3.7	18
88	Impaired sweating in multiple sclerosis leads to increased reliance on skin blood flow for heat dissipation. <i>FASEB Journal</i> , 2010 , 24, 991.25	0.9	5
87	Changes in central venous pressure during heat stress as a possible predictor of compromised blood pressure control during simulated hemorrhage. <i>FASEB Journal</i> , 2010 , 24, 991.18	0.9	
86	Attenuated increases in sweat rate but not skin blood flow to increasing doses of methacholine in aged skin. <i>FASEB Journal</i> , 2010 , 24,	0.9	1
85	Comparing resting skin sympathetic nerve activity between groups: caution needed. <i>Journal of Applied Physiology</i> , 2009 , 106, 1751-2; author reply 1753	3.7	23
84	Effect of elevated local temperature on cutaneous vasoconstrictor responsiveness in humans. <i>Journal of Applied Physiology</i> , 2009 , 106, 571-5	3.7	23
83	Effects of heat stress on dynamic cerebral autoregulation during large fluctuations in arterial blood pressure. <i>Journal of Applied Physiology</i> , 2009 , 107, 1722-9	3.7	32
82	Whole body heat stress attenuates baroreflex control of muscle sympathetic nerve activity during postexercise muscle ischemia. <i>Journal of Applied Physiology</i> , 2009 , 106, 1125-31	3.7	12
81	Dynamic cerebral autoregulation during passive heat stress in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R1598-605	3.2	38

80	Cardiac systolic and diastolic function during whole body heat stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H1150-6	5.2	54
79	Acute volume expansion preserves orthostatic tolerance during whole-body heat stress in humans. <i>Journal of Physiology</i> , 2009 , 587, 1131-9	3.9	56
78	Neural and non-neural control of skin blood flow during isometric handgrip exercise in the heat stressed human. <i>Journal of Physiology</i> , 2009 , 587, 2101-7	3.9	13
77	The effects of reduced end-tidal carbon dioxide tension on cerebral blood flow during heat stress. <i>Journal of Physiology</i> , 2009 , 587, 3921-7	3.9	77
76	Sustained impairments in cutaneous vasodilation and sweating in grafted skin following long-term recovery. <i>Journal of Burn Care and Research</i> , 2009 , 30, 675-85	0.8	33
75	Effect of whole body heat stress on peripheral vasoconstriction during leg dependency. <i>Journal of Applied Physiology</i> , 2009 , 107, 1704-9	3.7	19
74	Effect of whole-body heat stress on peripheral vasoconstriction during engagement of the venoarteriolar response. <i>FASEB Journal</i> , 2009 , 23, 788.9	0.9	
73	The cardiovascular challenge of exercising in the heat. <i>Journal of Physiology</i> , 2008 , 586, 45-53	3.9	238
72	Effects of passive heating on central blood volume and ventricular dimensions in humans. <i>Journal of Physiology</i> , 2008 , 586, 293-301	3.9	128
71	Cutaneous vasoconstriction during whole-body and local cooling in grafted skin five to nine months postsurgery. <i>Journal of Burn Care and Research</i> , 2008 , 29, 36-41	0.8	6
70	Heat acclimation of an adult female with a large surface area of grafted skin. <i>Journal of Burn Care and Research</i> , 2008 , 29, 848-51	0.8	6
69	Heat stress and baroreflex regulation of blood pressure. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 2063-70	1.2	38
68	Cutaneous and hemodynamic responses during hot flashes in symptomatic postmenopausal women. <i>Menopause</i> , 2008 , 15, 290-5	2.5	28
67	Cerebrovascular responsiveness to steady-state changes in end-tidal CO ₂ during passive heat stress. <i>Journal of Applied Physiology</i> , 2008 , 104, 976-81	3.7	49
66	Nitric oxide inhibits cutaneous vasoconstriction to exogenous norepinephrine. <i>Journal of Applied Physiology</i> , 2008 , 105, 1504-8	3.7	41
65	Dynamic cerebral autoregulation during passive heat stress. <i>FASEB Journal</i> , 2008 , 22, 956.8	0.9	
64	Neural control of cutaneous vasoconstriction during lower-body negative pressure (LBNP) in the heat stressed individual. <i>FASEB Journal</i> , 2008 , 22, 956.11	0.9	
63	Tissue Doppler indices of cardiac contractile function during whole-body heat stress. <i>FASEB Journal</i> , 2008 , 22, 970.24	0.9	

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