

Jian Cui

List of Publications by Citations

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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.

88
papers

1,710
citations

25
h-index

40
g-index

105
ext. papers

1,898
ext. citations

2.8
avg, IF

4.28
L-index

#	Paper	IF	Citations
88	Skin blood flow influences near-infrared spectroscopy-derived measurements of tissue oxygenation during heat stress. <i>Journal of Applied Physiology</i> , 2006 , 100, 221-4	3.7	129
87	Heat stress reduces cerebral blood velocity and markedly impairs orthostatic tolerance in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R1443-8	3.2	118
86	Muscle sympathetic nerve activity responses to dynamic passive muscle stretch in humans. <i>Journal of Physiology</i> , 2006 , 576, 625-34	3.9	83
85	Effects of heat stress on thermoregulatory responses in congestive heart failure patients. <i>Circulation</i> , 2005 , 112, 2286-92	16.7	83
84	Absence of arterial baroreflex modulation of skin sympathetic activity and sweat rate during whole-body heating in humans. <i>Journal of Physiology</i> , 2001 , 536, 615-23	3.9	81
83	Baroreflex modulation of muscle sympathetic nerve activity during cold pressor test in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H1717-23	5.2	77
82	Oxidative stress contributes to the augmented exercise pressor reflex in peripheral arterial disease patients. <i>Journal of Physiology</i> , 2012 , 590, 6237-46	3.9	74
81	Orthostatic challenge does not alter skin sympathetic nerve activity in heat-stressed humans. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004 , 116, 54-61	2.4	54
80	Baroreflex modulation of sympathetic nerve activity to muscle in heat-stressed humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 282, R252-8	3.2	48
79	Spectral characteristics of skin sympathetic nerve activity in heat-stressed humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H1601-9	5.2	45
78	Effect of skin surface cooling on central venous pressure during orthostatic challenge. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 289, H2429-33	5.2	44
77	Muscle sympathetic nerve activity during lower body negative pressure is accentuated in heat-stressed humans. <i>Journal of Applied Physiology</i> , 2004 , 96, 2103-8	3.7	43
76	Endogenous nitric oxide attenuates neutrally mediated cutaneous vasoconstriction. <i>Journal of Physiology</i> , 2007 , 585, 627-34	3.9	41
75	Effects of muscle metabolites on responses of muscle sympathetic nerve activity to mechanoreceptor(s) stimulation in healthy humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R458-66	3.2	39
74	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
73	Phenylephrine-induced elevations in arterial blood pressure are attenuated in heat-stressed humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 283, R1221-6	3.2	35
72	Impaired cutaneous vasodilation and sweating in grafted skin during whole-body heating. <i>Journal of Burn Care and Research</i> , 2007 , 28, 427-34	0.8	34

71	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
70	Neurally mediated vasoconstriction is capable of decreasing skin blood flow during orthostasis in the heat-stressed human. <i>Journal of Physiology</i> , 2006 , 575, 953-9	3.9	32
69	Spectral analysis of muscle sympathetic nerve activity in heat-stressed humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H1101-6	5.2	31
68	Mean body temperature does not modulate eccrine sweat rate during upright tilt. <i>Journal of Applied Physiology</i> , 2005 , 98, 1207-12	3.7	31
67	Active recovery attenuates the fall in sweat rate but not cutaneous vascular conductance after supine exercise. <i>Journal of Applied Physiology</i> , 2004 , 96, 668-73	3.7	28
66	Limb venous distension evokes sympathetic activation via stimulation of the limb afferents in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H457-63	5.2	27
65	Renal vasoconstriction is augmented during exercise in patients with peripheral arterial disease. <i>Physiological Reports</i> , 2013 , 1, e00154	2.6	26
64	Chronic heart failure does not attenuate the total activity of sympathetic outflow to skin during whole-body heating. <i>Circulation: Heart Failure</i> , 2013 , 6, 271-8	7.6	25
63	The role of the cyclooxygenase products in evoking sympathetic activation in exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H1861-8	5.2	25
62	Skin grafting impairs postsynaptic cutaneous vasodilator and sweating responses. <i>Journal of Burn Care and Research</i> , 2007 , 28, 435-41	0.8	25
61	Human sympathetic outflows to skin and muscle target organs fluctuate concordantly over a wide range of time-varying frequencies. <i>Journal of Physiology</i> , 2012 , 590, 363-75	3.9	24
60	Cyclooxygenase inhibition attenuates sympathetic responses to muscle stretch in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H2693-700	5.2	24
59	Baroreflex control of muscle sympathetic nerve activity during skin surface cooling. <i>Journal of Applied Physiology</i> , 2007 , 103, 1284-9	3.7	24
58	Sympathetic responses during saline infusion into the veins of an occluded limb. <i>Journal of Physiology</i> , 2009 , 587, 3619-28	3.9	22
57	Cardiovascular responses to heat stress in chronic heart failure. <i>Current Heart Failure Reports</i> , 2014 , 11, 139-45	2.8	21
56	Effect of P2 receptor blockade with pyridoxine on sympathetic response to exercise pressor reflex in humans. <i>Journal of Physiology</i> , 2011 , 589, 685-95	3.9	21
55	Sympathetic and cardiovascular responses to venous distension in an occluded limb. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R1831-7	3.2	20
54	Seasonal variation in muscle sympathetic nerve activity. <i>Physiological Reports</i> , 2015 , 3, e12492	2.6	19

53	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
52	Exercise throughout 6 degrees head-down tilt bed rest preserves thermoregulatory responses. <i>Journal of Applied Physiology</i> , 2003 , 95, 1817-23	3.7	19
51	Local prostaglandin blockade attenuates muscle mechanoreflex-mediated renal vasoconstriction during muscle stretch in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H2184-90	5.2	17
50	Distension of central great vein decreases sympathetic outflow in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H378-85	5.2	16
49	Muscle sympathetic responses during orthostasis in heat-stressed individuals. <i>Clinical Autonomic Research</i> , 2011 , 21, 381-7	4.3	16
48	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
47	Local adenosine receptor blockade accentuates the sympathetic responses to fatiguing exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H2130-7	5.2	11
46	Age and sex differences in sympathetic and hemodynamic responses to hypoxia and cold pressor test. <i>Physiological Reports</i> , 2019 , 7, e13988	2.6	11
45	Effect of oxidative stress on sympathetic and renal vascular responses to ischemic exercise. <i>Physiological Reports</i> , 2013 , 1,	2.6	10
44	Nitric oxide synthase inhibition does not affect regulation of muscle sympathetic nerve activity during head-up tilt. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H2105-10 ²	5.2	8
43	Muscle sympathetic nerve activity response to heat stress is attenuated in chronic heart failure patients. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 312, R873-R882	3.2	7
42	Tactile stimulation of the oropharynx elicits sympathoexcitation in conscious humans. <i>Journal of Applied Physiology</i> , 2013 , 115, 71-7	3.7	7
41	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
40	Limb suction evoked during arterial occlusion causes systemic sympathetic activity in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R482-8	3.2	5
39	Habitual cigarette smoking raises pressor responses to spontaneous bursts of muscle sympathetic nerve activity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R280-R288	3.2	4
38	Systemic and regional hemodynamic response to activation of the exercise pressor reflex in patients with peripheral artery disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H916-H924	5.2	3
37	The Baroreflex Control of Heart Rate is Impaired in Patients with Peripheral Arterial Disease. <i>FASEB Journal</i> , 2019 , 33, 746.3	0.9	2
36	Whole body heat stress attenuates the pressure response to muscle metaboreceptor stimulation in humans. <i>Journal of Applied Physiology</i> , 2016 , 121, 1178-1186	3.7	2

35	Sympathetic responses induced by radiofrequency catheter ablation of atrial fibrillation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 316, H476-H484	5.2	2
34	Lower-limb venous distension reflex and orthostatic tolerance in young healthy humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 319, R142-R147	3.2	1
33	Commentary on viewpoint: the human cutaneous circulation as a model of generalized microvascular function. <i>Journal of Applied Physiology</i> , 2008 , 105, 386; author reply 389	3.7	1
32	Purinergic P2X Receptors and Heightened Exercise Pressor Reflex in Peripheral Artery Disease. <i>Internal Medicine Review (Washington, D C: Online)</i> , 2016 , 2,	2	1
31	Negative pressure on an occluded limb induces sympathetic activation. <i>FASEB Journal</i> , 2012 , 26, 1091.1	0.9	1
30	Sympathetic response to fatiguing handgrip and muscle metaboreflex activation is attenuated in smokers compared to non-smokers. <i>FASEB Journal</i> , 2012 , 26, 1087.10	0.9	1
29	Sympathetic activation due to limb venous distension is preserved during muscle metaboreceptor stimulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R21-R28	3.2	1
28	Acute effects of sublingual nitroglycerin on cardiovagal and sympathetic baroreflex sensitivity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R525-R536	3.2	1
27	Moderate whole body heating attenuates the exercise pressor reflex responses in older humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R757-R769	3.2	0
26	Reliability of Skin Blood Flow Measurement with Multiple Laser Doppler Probes. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
25	Mechanisms of cutaneous vasoconstriction during orthostasis in heat stressed individuals. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2006 , 55, 20-20	0.1	
24	Muscle sympathetic nerve activity responses to dynamic passive muscle stretch.. <i>FASEB Journal</i> , 2006 , 20, A768	0.9	
23	Endogenous NO decreases cutaneous vasoconstrictor responsiveness during lower-body negative pressure (LBNP) in the heat stressed individual. <i>FASEB Journal</i> , 2007 , 21, A1298	0.9	
22	Cutaneous Vasodilation and Sweating In Grafted Skin During Heat Stress 59 Months Post-Surgery: A 1-Year Follow-up. <i>FASEB Journal</i> , 2007 , 21, A1312	0.9	
21	Muscle metabolites accentuate muscle sympathetic nerve activity responses to passive muscle stretch. <i>FASEB Journal</i> , 2007 , 21, A569	0.9	
20	Effects of local prostaglandin blockade on renal vasoconstriction during muscle stretch. <i>FASEB Journal</i> , 2007 , 21, A568	0.9	
19	Heat stress attenuates increases in arterial blood pressure during a cold pressor test (CPT). <i>FASEB Journal</i> , 2007 , 21, A563	0.9	
18	Effects of systemic hypoxia and lower body negative pressure on heart rate variability and transfer function gain in humans. <i>FASEB Journal</i> , 2007 , 21, A564	0.9	

- 17 Heat stress decreases baroreflex sensitivity during muscle metaboreceptor stimulation. *FASEB Journal*, **2007**, 21, A571 0.9
- 16 Cyclooxygenase inhibition attenuates muscle sympathetic nerve responses to passive muscle stretch. *FASEB Journal*, **2008**, 22, 957.5 0.9
- 15 Renal Medullary Oxygenation Decreases in a Dose-Dependent Manner with Graded Lower Body Negative Pressure in Healthy Young Adults. *FASEB Journal*, **2018**, 32, 621.9 0.9
- 14 Autonomic Responses during Atrial Fibrillation Ablation. *FASEB Journal*, **2018**, 32, 596.2 0.9
- 13 Hemodynamic Response to Activation of the Exercise Pressor Reflex during Dynamic Plantar Flexion in Peripheral Arterial Disease Patients. *FASEB Journal*, **2019**, 33, 540.1 0.9
- 12 Diastolic Function at Rest and During Handgrip is Impaired in Patients with Peripheral Arterial Disease. *FASEB Journal*, **2019**, 33, 828.6 0.9
- 11 Sympathetic Activation to Limb Venous Distension is Preserved during Muscle Metaboreceptor Stimulation. *FASEB Journal*, **2020**, 34, 1-1 0.9
- 10 Increased pressure gradient across veins in human limbs induces sympathetic activation (1170.1). *FASEB Journal*, **2014**, 28, 1170.1 0.9
- 9 Whole-Body Heat Stress Alters the Exercise Pressor Reflex in Humans. *FASEB Journal*, **2015**, 29, 827.2 0.9
- 8 Role of Adenosine Receptors in Evoking Venous Distension Reflex in Humans. *FASEB Journal*, **2015**, 29, 649.4 0.9
- 7 Blood Pressure Responses to Muscle Sympathetic Nerve Activity are Accentuated in Smokers. *FASEB Journal*, **2015**, 29, 830.2 0.9
- 6 Cyclooxygenase Inhibition Attenuates the Muscle Sympathetic Nerve Activity Responses to Venous Distension in Humans. *FASEB Journal*, **2015**, 29, 649.5 0.9
- 5 Adenosine receptor blockade accentuates the responses of muscle sympathetic nerve activity to fatiguing exercise. *FASEB Journal*, **2009**, 23, 608.5 0.9
- 4 P2X receptor blockade attenuates the sympathetic response to exercise in humans. *FASEB Journal*, **2010**, 24, 807.5 0.9
- 3 Intravenous ascorbic acid does not block the pressor or sympathetic nerve response to ischemic fatiguing rhythmic handgrip exercise. *FASEB Journal*, **2012**, 26, 893.15 0.9
- 2 Distension of central great vein decreases sympathetic outflow in humans. *FASEB Journal*, **2013**, 27, 1118.6 0.9
- 1 Renal medullary oxygenation decreases with lower body negative pressure in healthy young adults. *Journal of Applied Physiology*, **2021**, 130, 48-56 3.7