

# Jian Cui

## List of Publications by Year in descending order

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105  
papers

2,060  
citations

185998

28  
h-index

243296

44  
g-index

105  
all docs

105  
docs citations

105  
times ranked

1324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomic Responses to Acute Hyperoxia are Impaired in Patients with Peripheral Artery Disease. FASEB Journal, 2022, 36, .	0.2	1
2	Different Relationship Between Glycemic Status and Autonomic Function in Patients with Type 2 Diabetes Mellitus and in Healthy Controls. FASEB Journal, 2022, 36, .	0.2	0
3	Repeated warm water baths decrease sympathetic activity in humans. Journal of Applied Physiology, 2022, 133, 234-245.	1.2	2
4	Renal medullary oxygenation decreases with lower body negative pressure in healthy young adults. Journal of Applied Physiology, 2021, 130, 48-56.	1.2	2
5	Exercise Pressor Reflex is Attenuated during Moderate Whole-Body Heating in Older Humans. FASEB Journal, 2021, 35, .	0.2	0
6	Interaction Between Baroreflex and Venous Distension Reflex in Healthy Humans. FASEB Journal, 2021, 35, .	0.2	0
7	Hyperoxia Exaggerates Systolic Blood Pressure Response in Patients with Peripheral Arterial Disease. FASEB Journal, 2021, 35, .	0.2	0
8	Moderate whole body heating attenuates the exercise pressor reflex responses in older humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R757-R769.	0.9	2
9	Sublingual Nitroglycerin Acutely Alters Cardiovascular and Sympathetic Baroreflex Sensitivity in Healthy Humans. FASEB Journal, 2021, 35, .	0.2	0
10	Muscle Sympathetic Nerve Activity Responses to Exercise in Patients with Peripheral Artery Disease. FASEB Journal, 2021, 35, .	0.2	2
11	Sympathetic activation due to limb venous distension is preserved during muscle metaboreceptor stimulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R21-R28.	0.9	3
12	Effects Of Repeated Warm Baths On Autonomic Control In Older Humans. Medicine and Science in Sports and Exercise, 2021, 53, 345-346.	0.2	0
13	Acute effects of sublingual nitroglycerin on cardiovascular and sympathetic baroreflex sensitivity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R525-R536.	0.9	4
14	Lower-limb venous distension reflex and orthostatic tolerance in young healthy humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R142-R147.	0.9	2
15	Systemic and regional hemodynamic response to activation of the exercise pressor reflex in patients with peripheral artery disease. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H916-H924.	1.5	11
16	Sympathetic Activation to Limb Venous Distension is Preserved during Muscle Metaboreceptor Stimulation. FASEB Journal, 2020, 34, 1-1.	0.2	0
17	Reliability of Skin Blood Flow Measurement with Multiple Laser Doppler Probes. FASEB Journal, 2020, 34, 1-1.	0.2	0
18	Muscle Temperature During Exercise Under Whole-body Heating And Limb Heating Conditions. Medicine and Science in Sports and Exercise, 2020, 52, 971-971.	0.2	0

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19	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.	0.9	5
20	Age and sex differences in sympathetic and hemodynamic responses to hypoxia and cold pressor test. <i>Physiological Reports</i> , 2019, 7, e13988.	0.7	30
21	Sympathetic responses induced by radiofrequency catheter ablation of atrial fibrillation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H476-H484.	1.5	9
22	The Baroreflex Control of Heart Rate is Impaired in Patients with Peripheral Arterial Disease. <i>FASEB Journal</i> , 2019, 33, 746.3.	0.2	3
23	Hemodynamic Response to Activation of the Exercise Pressor Reflex during Dynamic Plantar Flexion in Peripheral Arterial Disease Patients. <i>FASEB Journal</i> , 2019, 33, 540.1.	0.2	0
24	Diastolic Function at Rest and During Handgrip is Impaired in Patients with Peripheral Arterial Disease. <i>FASEB Journal</i> , 2019, 33, 828.6.	0.2	0
25	Renal Medullary Oxygenation Decreases in a Dose-Dependent Manner with Graded Lower Body Negative Pressure in Healthy Young Adults. <i>FASEB Journal</i> , 2018, 32, 621.9.	0.2	0
26	Autonomic Responses during Atrial Fibrillation Ablation. <i>FASEB Journal</i> , 2018, 32, 596.2.	0.2	0
27	Abstract 721: The Exercise Pressor Response to Lower Extremity Dynamic Exercise is Accompanied by an Abnormal Change in Total Peripheral Resistance in Peripheral Arterial Disease Subjects. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	1.1	0
28	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.	0.9	12
29	Whole body heat stress attenuates the pressure response to muscle metaboreceptor stimulation in humans. <i>Journal of Applied Physiology</i> , 2016, 121, 1178-1186.	1.2	6
30	Purinergic P2X Receptors and Heightened Exercise Pressor Reflex in Peripheral Artery Disease. <i>Internal Medicine Review (Washington, D C: Online)</i> , 2016, 2, .	0.3	1
31	Seasonal variation in muscle sympathetic nerve activity. <i>Physiological Reports</i> , 2015, 3, e12492.	0.7	26
32	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-R488.	0.9	6
33	Whole-Body Heat Stress Alters the Exercise Pressor Reflex in Humans. <i>FASEB Journal</i> , 2015, 29, 827.2.	0.2	0
34	Role of Adenosine Receptors in Evoking Venous Distension Reflex in Humans. <i>FASEB Journal</i> , 2015, 29, 649.4.	0.2	0
35	Blood Pressure Responses to Muscle Sympathetic Nerve Activity are Accentuated in Smokers. <i>FASEB Journal</i> , 2015, 29, 830.2.	0.2	0
36	Cyclooxygenase Inhibition Attenuates the Muscle Sympathetic Nerve Activity Responses to Venous Distension in Humans. <i>FASEB Journal</i> , 2015, 29, 649.5.	0.2	0

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37	Cardiovascular Responses to Heat Stress in Chronic Heart Failure. <i>Current Heart Failure Reports</i> , 2014, 11, 139-145.	1.3	38
38	Increased pressure gradient across veins in human limbs induces sympathetic activation (1170.1). <i>FASEB Journal</i> , 2014, 28, 1170.1.	0.2	0
39	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, 271-278.	1.6	30
40	Distension of central great vein decreases sympathetic outflow in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H378-H385.	1.5	20
41	Effect of oxidative stress on sympathetic and renal vascular responses to ischemic exercise. <i>Physiological Reports</i> , 2013, 1, .	0.7	15
42	Renal vasoconstriction is augmented during exercise in patients with peripheral arterial disease. <i>Physiological Reports</i> , 2013, 1, e00154.	0.7	33
43	Tactile stimulation of the oropharynx elicits sympathoexcitation in conscious humans. <i>Journal of Applied Physiology</i> , 2013, 115, 71-77.	1.2	7
44	Distension of central great vein decreases sympathetic outflow in humans. <i>FASEB Journal</i> , 2013, 27, 1118.6.	0.2	0
45	Abstract 529: Muscle Sympathetic Nerve Activity is Higher in Winter than Other Seasons. <i>Hypertension</i> , 2013, 62, .	1.3	0
46	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-H463.	1.5	35
47	Oxidative stress contributes to the augmented exercise pressor reflex in peripheral arterial disease patients. <i>Journal of Physiology</i> , 2012, 590, 6237-6246.	1.3	93
48	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, 363-375.	1.3	28
49	Negative pressure on an occluded limb induces sympathetic activation. <i>FASEB Journal</i> , 2012, 26, 1091.1.	0.2	1
50	Intravenous ascorbic acid does not block the pressor or sympathetic nerve response to ischemic fatiguing rhythmic handgrip exercise. <i>FASEB Journal</i> , 2012, 26, 893.15.	0.2	0
51	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.	0.2	1
52	Abstract 198: Oxidative Stress Mediates the Augmented Muscle Mechanoreflex in Peripheral Arterial Disease Patients. <i>Hypertension</i> , 2012, 60, .	1.3	0
53	Effect of P2 receptor blockade with pyridoxine on sympathetic response to exercise pressor reflex in humans. <i>Journal of Physiology</i> , 2011, 589, 685-695.	1.3	27
54	Muscle sympathetic responses during orthostasis in heat-stressed individuals. <i>Clinical Autonomic Research</i> , 2011, 21, 381-387.	1.4	18

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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-R1837.	0.9	23
56	Skin Sympathetic Nerve Activity Response to Heat Stress in Congestive Heart Failure. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 800.	0.2	0
57	Heat stress attenuates the increase in arterial blood pressure during the cold pressor test. <i>Journal of Applied Physiology</i> , 2010, 109, 1354-1359.	1.2	26
58	Local adenosine receptor blockade accentuates the sympathetic responses to fatiguing exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H2130-H2137.	1.5	11
59	P2X receptor blockade attenuates the sympathetic response to exercise in humans. <i>FASEB Journal</i> , 2010, 24, 807.5.	0.2	0
60	Whole body heat stress attenuates baroreflex control of muscle sympathetic nerve activity during postexercise muscle ischemia. <i>Journal of Applied Physiology</i> , 2009, 106, 1125-1131.	1.2	14
61	Dynamic cerebral autoregulation during passive heat stress in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1598-R1605.	0.9	41
62	Sympathetic responses during saline infusion into the veins of an occluded limb. <i>Journal of Physiology</i> , 2009, 587, 3619-3627.	1.3	26
63	Sustained Impairments in Cutaneous Vasodilation and Sweating in Grafted Skin Following Long-Term Recovery. <i>Journal of Burn Care and Research</i> , 2009, 30, 675-685.	0.2	38
64	Adenosine receptor blockade accentuates the responses of muscle sympathetic nerve activity to fatiguing exercise. <i>FASEB Journal</i> , 2009, 23, 608.5.	0.2	0
65	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-H2190.	1.5	17
66	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-R466.	0.9	54
67	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.	0.2	8
68	Commentary on Viewpoint: The human cutaneous circulation as a model of generalized microvascular function. <i>Journal of Applied Physiology</i> , 2008, 105, 386-386.	1.2	1
69	Cyclooxygenase inhibition attenuates sympathetic responses to muscle stretch in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H2693-H2700.	1.5	26
70	Cyclooxygenase inhibition attenuates muscle sympathetic nerve responses to passive muscle stretch. <i>FASEB Journal</i> , 2008, 22, 957.5.	0.2	0
71	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-H1868.	1.5	29
72	Skin Grafting Impairs Postsynaptic Cutaneous Vasodilator and Sweating Responses. <i>Journal of Burn Care and Research</i> , 2007, 28, 435-441.	0.2	29

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73	Impaired Cutaneous Vasodilation and Sweating in Grafted Skin During Whole-Body Heating. <i>Journal of Burn Care and Research</i> , 2007, 28, 427-434.	0.2	38
74	Baroreflex control of muscle sympathetic nerve activity during skin surface cooling. <i>Journal of Applied Physiology</i> , 2007, 103, 1284-1289.	1.2	26
75	Endogenous nitric oxide attenuates neutrally mediated cutaneous vasoconstriction. <i>Journal of Physiology</i> , 2007, 585, 627-634.	1.3	46
76	Endogenous NO decreases cutaneous vasoconstrictor responsiveness during lower body negative pressure (LBNP) in the heat stressed individual. <i>FASEB Journal</i> , 2007, 21, A1298.	0.2	0
77	Cutaneous Vasodilation and Sweating In Grafted Skin During Heat Stress 5-9 Months Post-Surgery: A 1-Year Follow-up. <i>FASEB Journal</i> , 2007, 21, A1312.	0.2	0
78	Muscle metabolites accentuate muscle sympathetic nerve activity responses to passive muscle stretch. <i>FASEB Journal</i> , 2007, 21, A569.	0.2	0
79	Effects of local prostaglandin blockade on renal vasoconstriction during muscle stretch. <i>FASEB Journal</i> , 2007, 21, A568.	0.2	0
80	Heat stress attenuates increases in arterial blood pressure during a cold pressor test (CPT). <i>FASEB Journal</i> , 2007, 21, A563.	0.2	0
81	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.	0.2	0
82	Heat stress decreases baroreflex sensitivity during muscle metaboreceptor stimulation. <i>FASEB Journal</i> , 2007, 21, A571.	0.2	0
83	Sustained Impairments In Cutaneous Vasodilation and Sweating In Grafted Skin During Whole-Body Heating. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S437.	0.2	0
84	Dynamic Muscle Mechanoreceptor Stimulation Evokes Muscle Sympathetic Nerve Responses. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S285.	0.2	0
85	Neurally mediated vasoconstriction is capable of decreasing skin blood flow during orthostasis in the heat-stressed human. <i>Journal of Physiology</i> , 2006, 575, 953-959.	1.3	37
86	Muscle sympathetic nerve activity responses to dynamic passive muscle stretch in humans. <i>Journal of Physiology</i> , 2006, 576, 625-634.	1.3	107
87	Skin blood flow influences near-infrared spectroscopy-derived measurements of tissue oxygenation during heat stress. <i>Journal of Applied Physiology</i> , 2006, 100, 221-224.	1.2	151
88	Spectral characteristics of skin sympathetic nerve activity in heat-stressed humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1601-H1609.	1.5	49
89	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-R1448.	0.9	137
90	Mechanisms of cutaneous vasoconstriction during orthostasis in heat stressed individuals. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2006, 55, 20-20.	0.0	0

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91	Muscle sympathetic nerve activity responses to dynamic passive muscle stretch.. FASEB Journal, 2006, 20, A768.	0.2	0
92	Mean body temperature does not modulate eccrine sweat rate during upright tilt. Journal of Applied Physiology, 2005, 98, 1207-1212.	1.2	33
93	Effect of skin surface cooling on central venous pressure during orthostatic challenge. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H2429-H2433.	1.5	50
94	Effects of Heat Stress on Thermoregulatory Responses in Congestive Heart Failure Patients. Circulation, 2005, 112, 2286-2292.	1.6	101
95	Spectral analysis of muscle sympathetic nerve activity in heat-stressed humans. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H1101-H1106.	1.5	33
96	Active recovery attenuates the fall in sweat rate but not cutaneous vascular conductance after supine exercise. Journal of Applied Physiology, 2004, 96, 668-673.	1.2	28
97	Orthostatic challenge does not alter skin sympathetic nerve activity in heat-stressed humans. Autonomic Neuroscience: Basic and Clinical, 2004, 116, 54-61.	1.4	57
98	Muscle sympathetic nerve activity during lower body negative pressure is accentuated in heat-stressed humans. Journal of Applied Physiology, 2004, 96, 2103-2108.	1.2	45
99	Exercise throughout 6° head-down tilt bed rest preserves thermoregulatory responses. Journal of Applied Physiology, 2003, 95, 1817-1823.	1.2	24
100	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-H2110.	1.5	9
101	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-R1226.	0.9	39
102	Baroreflex modulation of sympathetic nerve activity to muscle in heat-stressed humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R252-R258.	0.9	49
103	Baroreflex modulation of muscle sympathetic nerve activity during cold pressor test in humans. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H1717-H1723.	1.5	98
104	Absence of arterial baroreflex modulation of skin sympathetic activity and sweat rate during whole-body heating in humans. Journal of Physiology, 2001, 536, 615-623.	1.3	86
105	Baroreflex responses to limb venous distension in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 0, , .	0.9	1