

Nisha Charkoudian

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,693
citations

218677

26
h-index

197818

49
g-index

65
all docs

65
docs citations

65
times ranked

3493
citing authors

#	ARTICLE	IF	CITATIONS
1	Skin Blood Flow in Adult Human Thermoregulation: How It Works, When It Does Not, and Why. Mayo Clinic Proceedings, 2003, 78, 603-612.	3.0	736
2	Mechanisms and modifiers of reflex induced cutaneous vasodilation and vasoconstriction in humans. Journal of Applied Physiology, 2010, 109, 1221-1228.	2.5	323
3	Sex Differences in Sympathetic Neural-Hemodynamic Balance. Hypertension, 2009, 53, 571-576.	2.7	264
4	Sex and ageing differences in resting arterial pressure regulation: the role of the β -adrenergic receptors. Journal of Physiology, 2011, 589, 5285-5297.	2.9	258
5	Sympathetic neural control of integrated cardiovascular function: Insights from measurement of human sympathetic nerve activity. Muscle and Nerve, 2007, 36, 595-614.	2.2	171
6	Sex, ageing and resting blood pressure: gaining insights from the integrated balance of neural and haemodynamic factors. Journal of Physiology, 2012, 590, 2069-2079.	2.9	135
7	Influence of female reproductive hormones on local thermal control of skin blood flow. Journal of Applied Physiology, 1999, 87, 1719-1723.	2.5	127
8	A sympathetic view of the sympathetic nervous system and human blood pressure regulation. Experimental Physiology, 2008, 93, 715-724.	2.0	118
9	Recording sympathetic nerve activity in conscious humans and other mammals: guidelines and the road to standardization. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H1031-H1051.	3.2	117
10	Sex hormone effects on autonomic mechanisms of thermoregulation in humans. Autonomic Neuroscience: Basic and Clinical, 2016, 196, 75-80.	2.8	101
11	Reproductive Hormone Influences on Thermoregulation in Women. , 2014, 4, 793-804.		100
12	Autonomic control of body temperature and blood pressure: influences of female sex hormones. Clinical Autonomic Research, 2017, 27, 149-155.	2.5	96
13	Influence of age and sex on the pressor response following a spontaneous burst of muscle sympathetic nerve activity. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H2419-H2427.	3.2	92
14	Aging Enhances Autonomic Support of Blood Pressure in Women. Hypertension, 2014, 63, 303-308.	2.7	89
15	Modification of active cutaneous vasodilation by oral contraceptive hormones. Journal of Applied Physiology, 1997, 83, 2012-2018.	2.5	88
16	Influences of female reproductive hormones on sympathetic control of the circulation in humans. Clinical Autonomic Research, 2001, 11, 295-301.	2.5	86
17	Influences of hydration on post-exercise cardiovascular control in humans. Journal of Physiology, 2003, 552, 635-644.	2.9	82
18	Age-Related Differences in the Sympathetic-Hemodynamic Balance in Men. Hypertension, 2009, 54, 127-133.	2.7	78

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19	Relationship Between Muscle Sympathetic Nerve Activity and Aortic Wave Reflection Characteristics in Young Men and Women. <i>Hypertension</i> , 2011, 57, 421-427.	2.7	69
20	Skin blood flow and nitric oxide during body heating in type 2 diabetes mellitus. <i>Journal of Applied Physiology</i> , 2009, 106, 566-570.	2.5	68
21	Reflex control of cutaneous vasoconstrictor system is reset by exogenous female reproductive hormones. <i>Journal of Applied Physiology</i> , 1999, 87, 381-385.	2.5	61
22	Effects of chronic sympathectomy on locally mediated cutaneous vasodilation in humans. <i>Journal of Applied Physiology</i> , 2002, 92, 685-690.	2.5	56
23	Oral Contraceptive Use, Muscle Sympathetic Nerve Activity, and Systemic Hemodynamics in Young Women. <i>Hypertension</i> , 2015, 66, 590-597.	2.7	51
24	Fluid Balance and Hydration Considerations for Women: Review and Future Directions. <i>Sports Medicine</i> , 2020, 50, 253-261.	6.5	46
25	Altered reflex control of cutaneous circulation by female sex steroids is independent of prostaglandins. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999, 276, H1634-H1640.	3.2	45
26	Human thermoregulation from the autonomic perspective. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 196, 1-2.	2.8	32
27	Integrative cardiovascular control in women: Regulation of blood pressure, body temperature, and cerebrovascular responsiveness. <i>FASEB Journal</i> , 2021, 35, e21143.	0.5	31
28	Muscle sympathetic nerve activity and volume-regulating factors in healthy pregnant and nonpregnant women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H782-H787.	3.2	19
29	Neural control of cardiovascular function in black adults: implications for racial differences in autonomic regulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R234-R244.	1.8	16
30	When it's time for the sex talk, words matter. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H66-H70.	3.2	14
31	Are there sex differences in risk for exertional heat stroke? A translational approach. <i>Experimental Physiology</i> , 2022, 107, 1136-1143.	2.0	14
32	Effects of sex and menstrual cycle on volume-regulatory responses to 24-h fluid restriction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R560-R565.	1.8	12
33	Neural control of blood pressure in women: differences according to age. <i>Clinical Autonomic Research</i> , 2017, 27, 157-165.	2.5	10
34	Differential influences of dietary sodium on blood pressure regulation based on race and sex. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 236, 102873.	2.8	10
35	Sympathetic neural and hemodynamic responses to head-up tilt during isoosmotic and hyperosmotic hypovolemia. <i>Journal of Neurophysiology</i> , 2017, 118, 2232-2237.	1.8	9
36	Update: Efficacy of Military Fluid Intake Guidance. <i>Military Medicine</i> , 2018, 183, e338-e342.	0.8	9

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37	The Effects of Acute Beta-Adrenergic Blockade on Aortic Wave Reflection in Postmenopausal Women. <i>American Journal of Hypertension</i> , 2013, 26, 503-510.	2.0	8
38	Commentaries on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control. <i>Journal of Applied Physiology</i> , 2020, 129, 1122-1135.	2.5	8
39	The Rise of the Female Warfighter: Physiology, Performance, and Future Directions. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 683-691.	0.4	6
40	Implications of a patent foramen ovale on environmental physiology and pathophysiology: Do we know the hole story?. <i>Journal of Physiology</i> , 2022, , .	2.9	5
41	Why publish in the <i>American Journal of Physiology-Heart and Circulatory Physiology</i> ?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H221-H223.	3.2	4
42	Influences of hypobaric hypoxia on skin blood flow and sweating responses during exercise in neutral and hot environments. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R571-R575.	1.8	4
43	Effect of 8 days of exercise-heat acclimation on aerobic exercise performance of men in hypobaric hypoxia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R114-R122.	1.8	4
44	Sex difference in initial thermoregulatory response to dehydrated exercise in the heat. <i>Physiological Reports</i> , 2021, 9, e14947.	1.7	4
45	Estrogen to Progesterone Ratio and Fluid Regulatory Responses to Varying Degrees and Methods of Dehydration. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 722305.	1.8	4
46	Influence of Acetazolamide on Hand Strength and Manual Dexterity During a 30-h Simulated High Altitude Exposure. <i>Military Medicine</i> , 2020, 185, e1161-e1167.	0.8	3
47	Consider iron status when making sex comparisons in human physiology. <i>Journal of Applied Physiology</i> , 2022, 132, 699-702.	2.5	3
48	The Effectiveness of a Standardized Ice-Sheet Cooling Method Following Exertional Hyperthermia. <i>Military Medicine</i> , 2022, , .	0.8	3
49	Call for papers on racial differences in cardiovascular and cerebrovascular physiology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H249-H250.	3.2	2
50	Review of Advanced Environmental Exercise Physiology, 2/E, by Cheung and Ainslie. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R139-R140.	1.8	1
51	Ambulatory arterial stiffness index (AASI) does not predict baroreflex sensitivity or the pressor response to mental stress in normotensive humans. <i>FASEB Journal</i> , 2007, 21, A879.	0.5	1
52	Getting help from Frank and Starling (and Coats and Bowditch) to augment blood flow in heat-stressed older adults. <i>Journal of Physiology</i> , 2017, 595, 6377-6378.	2.9	0
53	Neural Control of Blood Pressure and Body Temperature During Heat Stress. <i>Colloquium Series on Integrated Systems Physiology From Molecule To Function</i> , 2018, 10, i-96.	0.3	0
54	Factors contributing to racial differences in neurogenic orthostatic hypotension. <i>Clinical Autonomic Research</i> , 2021, 31, 51-53.	2.5	0

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55	Influence of a Patent Foramen Ovale on Heart Rateâ€Core Temperature Relationship at Rest and During Exercise in Young, Healthy Men. FASEB Journal, 2021, 35, .	0.5	0
56	Influences of Adenosine Transporter Antagonism on Vasodilator Responses to Adenosine and Exercise in Humans. FASEB Journal, 2006, 20, A814.	0.5	0
57	Relationship between spontaneous variations of muscle sympathetic nerve activity and subsequent hemodynamic changes. FASEB Journal, 2007, 21, A564.	0.5	0
58	Baroreflex sensitivity correlates with ambulatory average blood pressure and daytime heart rate variability in healthy normotensives. FASEB Journal, 2007, 21, A564.	0.5	0
59	Head up tilt screening in healthy nonâ€fainters: relationships with other measures of autonomic function?. FASEB Journal, 2007, 21, A564.	0.5	0
60	Hysteresis in the heart rateâ€core temperature relationship during acute heat stress in rats: implications for systemic hemodynamics. FASEB Journal, 2012, 26, lb742.	0.5	0
61	Effect of hypohydration and altitude exposure on skin blood flow responses to local heating. FASEB Journal, 2012, 26, 1150.4.	0.5	0
62	INDIVIDUAL VARIABILITY IN SYMPATHETIC NEURAL RESPONSES TO ALTITUDE EXPOSURE: RELATIONSHIP TO SEA LEVEL SYMPATHETIC NERVE ACTIVITY. FASEB Journal, 2017, 31, 847.3.	0.5	0
63	The Effects of 12 Days Exposure to 4,300M Altitude on the Sympathetic Neural and Cardiovascular Responses to Headâ€Up Tilt. FASEB Journal, 2017, 31, 847.2.	0.5	0
64	RELATIONSHIPS BETWEEN HEMODYNAMIC AND SYMPATHETIC NEURAL RESPONSES TO HEADâ€UP TILT DURING MODERATE DEHYDRATION IN HUMANS. FASEB Journal, 2017, 31, .	0.5	0
65	Last Word on Viewpoint: Consider iron status when making sex comparisons in human physiology. Journal of Applied Physiology, 2022, 132, 710-711.	2.5	0