Nisha Charkoudian

List of Publications by Year
in descending order

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65 papers	3,693 citations	236612 25 h-index	197535 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.	1.4	736
2	Mechanisms and modifiers of reflex induced cutaneous vasodilation and vasoconstriction in humans. Journal of Applied Physiology, 2010, 109, 1221-1228.	1.2	323
3	Sex Differences in Sympathetic Neural-Hemodynamic Balance. Hypertension, 2009, 53, 571-576.	1.3	264
4	Sex and ageing differences in resting arterial pressure regulation: the role of the Î²â€adrenergic receptors. Journal of Physiology, 2011, 589, 5285-5297.	1.3	258
5	Sympathetic neural control of integrated cardiovascular function: Insights from measurement of human sympathetic nerve activity. Muscle and Nerve, 2007, 36, 595-614.	1.0	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.	1.3	135
7	Influence of female reproductive hormones on local thermal control of skin blood flow. Journal of Applied Physiology, 1999, 87, 1719-1723.	1.2	127
8	A sympathetic view of the sympathetic nervous system and human blood pressure regulation. Experimental Physiology, 2008, 93, 715-724.	0.9	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.	1.5	117
10	Sex hormone effects on autonomic mechanisms of thermoregulation in humans. Autonomic Neuroscience: Basic and Clinical, 2016, 196, 75-80.	1.4	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.	1.4	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.	1.5	92
14	Aging Enhances Autonomic Support of Blood Pressure in Women. Hypertension, 2014, 63, 303-308.	1.3	89
15	Modification of active cutaneous vasodilation by oral contraceptive hormones. Journal of Applied Physiology, 1997, 83, 2012-2018.	1.2	88
16	Influences of female reproductive hormones on sympathetic control of the circulation in humans. Clinical Autonomic Research, 2001, 11, 295-301.	1.4	86
17	Influences of hydration on post-exercise cardiovascular control in humans. Journal of Physiology, 2003, 552, 635-644.	1.3	82
18	Age-Related Differences in the Sympathetic-Hemodynamic Balance in Men. Hypertension, 2009, 54, 127-133.	1.3	78

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19	Relationship Between Muscle Sympathetic Nerve Activity and Aortic Wave Reflection Characteristics in Young Men and Women. Hypertension, 2011, 57, 421-427.	1.3	69
20	Skin blood flow and nitric oxide during body heating in type 2 diabetes mellitus. Journal of Applied Physiology, 2009, 106, 566-570.	1.2	68
21	Reflex control of cutaneous vasoconstrictor system is reset by exogenous female reproductive hormones. Journal of Applied Physiology, 1999, 87, 381-385.	1.2	61
22	Effects of chronic sympathectomy on locally mediated cutaneous vasodilation in humans. Journal of Applied Physiology, 2002, 92, 685-690.	1.2	56
23	Oral Contraceptive Use, Muscle Sympathetic Nerve Activity, and Systemic Hemodynamics in Young Women. Hypertension, 2015, 66, 590-597.	1.3	51
24	Fluid Balance and Hydration Considerations for Women: Review and Future Directions. Sports Medicine, 2020, 50, 253-261.	3.1	46
25	Altered reflex control of cutaneous circulation by female sex steroids is independent of prostaglandins. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H1634-H1640.	1.5	45
26	Human thermoregulation from the autonomic perspective. Autonomic Neuroscience: Basic and Clinical, 2016, 196, 1-2.	1.4	32
27	Integrative cardiovascular control in women: Regulation of blood pressure, body temperature, and cerebrovascular responsiveness. FASEB Journal, 2021, 35, e21143.	0.2	31
28	Muscle sympathetic nerve activity and volume-regulating factors in healthy pregnant and nonpregnant women. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H782-H787.	1.5	19
29	Neural control of cardiovascular function in black adults: implications for racial differences in autonomic regulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R234-R244.	0.9	16
30	When itâ€™s time for the sex talk, words matter. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H66-H70.	1.5	14
31	Are there sex differences in risk for exertional heat stroke? A translational approach. Experimental Physiology, 2022, 107, 1136-1143.	0.9	14
32	Effects of sex and menstrual cycle on volume-regulatory responses to 24-h fluid restriction. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R560-R565.	0.9	12
33	Neural control of blood pressure in women: differences according to age. Clinical Autonomic Research, 2017, 27, 157-165.	1.4	10
34	Differential influences of dietary sodium on blood pressure regulation based on race and sex. Autonomic Neuroscience: Basic and Clinical, 2021, 236, 102873.	1.4	10
35	Sympathetic neural and hemodynamic responses to head-up tilt during isoosmotic and hyperosmotic hypovolemia. Journal of Neurophysiology, 2017, 118, 2232-2237.	0.9	9
36	Update: Efficacy of Military Fluid Intake Guidance. Military Medicine, 2018, 183, e338-e342.	0.4	9

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37	The Effects of Acute Beta-Adrenergic Blockade on Aortic Wave Reflection in Postmenopausal Women. American Journal of Hypertension, 2013, 26, 503-510.	1.0	8
38	Commentaries on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control. Journal of Applied Physiology, 2020, 129, 1122-1135.	1.2	8
39	The Rise of the Female Warfighter: Physiology, Performance, and Future Directions. Medicine and Science in Sports and Exercise, 2022, 54, 683-691.	0.2	6
40	Implications of a patent foramen ovale on environmental physiology and pathophysiology: Do we know the hole story?. Journal of Physiology, 2022, , .	1.3	5
41	Why publish in the American Journal of Physiology-Heart and Circulatory Physiology?. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H221-H223.	1.5	4
42	Influences of hypobaric hypoxia on skin blood flow and sweating responses during exercise in neutral and hot environments. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R571-R575.	0.9	4
43	Effect of 8 days of exercise-heat acclimation on aerobic exercise performance of men in hypobaric hypoxia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 319, R114-R122.	0.9	4
44	Sex difference in initial thermoregulatory response to dehydrated exercise in the heat. Physiological Reports, 2021, 9, e14947.	0.7	4
45	Estrogen to Progesterone Ratio and Fluid Regulatory Responses to Varying Degrees and Methods of Dehydration. Frontiers in Sports and Active Living, 2021, 3, 722305.	0.9	4
46	Influence of Acetazolamide on Hand Strength and Manual Dexterity During a 30-h Simulated High Altitude Exposure. Military Medicine, 2020, 185, e1161-e1167.	0.4	3
47	Consider iron status when making sex comparisons in human physiology. Journal of Applied Physiology, 2022, 132, 699-702.	1.2	3
48	The Effectiveness of a Standardized Ice-Sheet Cooling Method Following Exertional Hyperthermia. Military Medicine, 2022, , .	0.4	3
49	Call for papers on racial differences in cardiovascular and cerebrovascular physiology. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H249-H250.	1.5	2
50	Review of Advanced Environmental Exercise Physiology, 2/E, by Cheung and Ainslie. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 321, R139-R140.	0.9	1
51	Ambulatory arterial stiffness index (AASI) does not predict baroreflex sensitivity or the pressor response to mental stress in normotensive humans. FASEB Journal, 2007, 21, A879.	0.2	1
52	Getting help from Frank and Starling (and Coats and Bowditch) to augment blood flow in heatâ€stressed older adults. Journal of Physiology, 2017, 595, 6377-6378.	1.3	0
53	Neural Control of Blood Pressure and Body Temperature During Heat Stress. Colloquium Series on Integrated Systems Physiology From Molecule To Function, 2018, 10, i-96.	0.3	0
54	Factors contributing to racial differences in neurogenic orthostatic hypotension. Clinical Autonomic Research, 2021, 31, 51-53.	1.4	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, .	0.2	0
56	Influences of Adenosine Transporter Antagonism on Vasodilator Responses to Adenosine and Exercise in Humans. FASEB Journal, 2006, 20, A814.	0.2	0
57	Relationship between spontaneous variations of muscle sympathetic nerve activity and subsequent hemodynamic changes. FASEB Journal, 2007, 21, A564.	0.2	0
58	Baroreflex sensitivity correlates with ambulatory average blood pressure and daytime heart rate variability in healthy normotensives. FASEB Journal, 2007, 21, A564.	0.2	0
59	Head up tilt screening in healthy nonâ€fainters: relationships with other measures of autonomic function?. FASEB Journal, 2007, 21, A564.	0.2	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.	0.2	0
61	Effect of hypohydration and altitude exposure on skin blood flow responses to local heating. FASEB Journal, 2012, 26, 1150.4.	0.2	0
62	INDIVIDUAL VARIABILITY IN SYMPATHETIC NEURAL RESPONSES TO ALTITUDE EXPOSURE: RELATIONSHIP TO SEA LEVEL SYMPATHETIC NERVE ACTIVITY. FASEB Journal, 2017, 31, 847.3.	0.2	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.	0.2	0
64	RELATIONSHIPS BETWEEN HEMODYNAMIC AND SYMPATHETIC NEURAL RESPONSES TO HEADâ€UP TILT DURING MODERATE DEHYDRATION IN HUMANS. FASEB Journal, 2017, 31, .	0.2	0
65	Last Word on Viewpoint: Consider iron status when making sex comparisons in human physiology. Journal of Applied Physiology, 2022, 132, 710-711.	1.2	0