

# Nina S Stachenfeld

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

3,959  
citations

172386  
29  
h-index

133188  
59  
g-index

75  
all docs

75  
docs citations

75  
times ranked

3849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise and Fluid Replacement. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 377-390.	0.2	1,397
2	Sex differences in endothelial function important to vascular health and overall cardiovascular disease risk across the lifespan. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1569-H1588.	1.5	214
3	Selected Contribution: Sex differences in osmotic regulation of AVP and renal sodium handling. <i>Journal of Applied Physiology</i> , 2001, 91, 1893-1901.	1.2	151
4	Sex Hormone Effects on Body Fluid Regulation. <i>Exercise and Sport Sciences Reviews</i> , 2008, 36, 152-159.	1.6	138
5	Estrogen modifies the temperature effects of progesterone. <i>Journal of Applied Physiology</i> , 2000, 88, 1643-1649.	1.2	128
6	Effects of oral contraceptives on body fluid regulation. <i>Journal of Applied Physiology</i> , 1999, 87, 1016-1025.	1.2	126
7	Sex hormone effects on autonomic mechanisms of thermoregulation in humans. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 196, 75-80.	1.4	101
8	Reproductive Hormone Influences on Thermoregulation in Women. , 2014, 4, 793-804.		100
9	Estrogen effects on osmotic regulation of AVP and fluid balance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E711-E721.	1.8	92
10	Estrogen influences osmotic secretion of AVP and body water balance in postmenopausal women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R187-R195.	0.9	82
11	Effects of estrogen and progesterone administration on extracellular fluid. <i>Journal of Applied Physiology</i> , 2004, 96, 1011-1018.	1.2	79
12	Moderate-Intensity Aerobic Training Improves Glucose Tolerance in Aging Independent of Abdominal Adiposity. <i>Journal of the American Geriatrics Society</i> , 1998, 46, 875-879.	1.3	78
13	Blood pressure and water regulation: understanding sex hormone effects within and between men and women. <i>Journal of Physiology</i> , 2012, 590, 5949-5961.	1.3	71
14	Transcapillary escape rate of albumin in humans during exercise-induced hypervolemia. <i>Journal of Applied Physiology</i> , 1997, 83, 407-413.	1.2	69
15	Hormonal Changes During Menopause and the Impact on Fluid Regulation. <i>Reproductive Sciences</i> , 2014, 21, 555-561.	1.1	69
16	Physiological variability of fluid-regulation hormones in young women. <i>Journal of Applied Physiology</i> , 1999, 86, 1092-1096.	1.2	55
17	Acute Effects of Sodium Ingestion on Thirst and Cardiovascular Function. <i>Current Sports Medicine Reports</i> , 2008, 7, S7-S13.	0.5	51
18	Androgens influence microvascular dilation in PCOS through ET-A and ET-B receptors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E818-E825.	1.8	50

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19	Progesterone increases plasma volume independent of estradiol. <i>Journal of Applied Physiology</i> , 2005, 98, 1991-1997.	1.2	48
20	Point: Investigators should control for menstrual cycle phase when performing studies of vascular control that include women. <i>Journal of Applied Physiology</i> , 2020, 129, 1114-1116.	1.2	48
21	Androgens drive microvascular endothelial dysfunction in women with polycystic ovary syndrome: role of the endothelin B receptor. <i>Journal of Physiology</i> , 2019, 597, 2853-2865.	1.3	44
22	Progesterone does not alter osmotic regulation of AVP. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R2011-R2020.	0.9	42
23	Sleep, breathing, and menopause: The effect of fluctuating estrogen and progesterone on sleep and breathing in women. <i>Gender Medicine</i> , 2005, 2, 238-245.	1.4	42
24	The molecular actions of oestrogen in the regulation of vascular health. <i>Experimental Physiology</i> , 2016, 101, 356-361.	0.9	41
25	Regulation of blood volume during training in post-menopausal women. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 92-98.	0.2	41
26	Estrogen and progesterone effects on transcapillary fluid dynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R1319-R1329.	0.9	38
27	Sex hormone effects on body fluid and sodium regulation in women with and without exercise-associated hyponatremia. <i>Journal of Applied Physiology</i> , 2009, 107, 864-872.	1.2	36
28	Endocrine–Autonomic Linkages. , 2015, 5, 1281-1323.		36
29	Endothelin B receptor contribution to peripheral microvascular function in women with polycystic ovary syndrome. <i>Journal of Physiology</i> , 2011, 589, 4671-4679.	1.3	33
30	Menstrual cycle and thermoregulation during exercise in the heat: A systematic review and meta-analysis. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 1134-1140.	0.6	33
31	Compromised endothelial function in transgender men taking testosterone. <i>Clinical Endocrinology</i> , 2020, 92, 138-144.	1.2	32
32	Progesterone enhances adrenergic control of skin blood flow in women with high but not low orthostatic tolerance. <i>Journal of Physiology</i> , 2011, 589, 975-986.	1.3	31
33	Mechanisms contributing to low orthostatic tolerance in women: the influence of oestradiol. <i>Journal of Physiology</i> , 2013, 591, 2345-2355.	1.3	29
34	Fluid balance and renal response following dehydrating exercise in well-trained men and women. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1996, 72-72, 468-477.	1.2	27
35	Oestrogen effects on urine concentrating response in young women. <i>Journal of Physiology</i> , 2003, 552, 869-880.	1.3	27
36	Pharmacological curve fitting to analyze cutaneous adrenergic responses. <i>Journal of Applied Physiology</i> , 2011, 111, 1703-1709.	1.2	26

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37	Challenges and methodology for testing young healthy women in physiological studies. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E849-E853.	1.8	26
38	Water intake reverses dehydration associated impaired executive function in healthy young women. Physiology and Behavior, 2018, 185, 103-111.	1.0	24
39	Pathophysiological effects of androgens on the female vascular system. Biology of Sex Differences, 2020, 11, 45.	1.8	22
40	Responses to a Saline Load in Gonadotropin-Releasing Hormone Antagonist-Pretreated Premenopausal Women Receiving Progesterone or Estradiol-Progesterone Therapy. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 386-394.	1.8	18
41	Greater Exercise Sweating in Obese Women with Polycystic Ovary Syndrome Compared with Obese Controls. Medicine and Science in Sports and Exercise, 2010, 42, 1660-1668.	0.2	18
42	Subclinical cardiovascular disease and polycystic ovary syndrome. Fertility and Sterility, 2022, 117, 912-923.	0.5	18
43	The Interrelationship of Research in the Laboratory and the Field to Assess Hydration Status and Determine Mechanisms Involved in Water Regulation During Physical Activity. Sports Medicine, 2014, 44, 97-104.	3.1	16
44	Are there sex differences in risk for exertional heat stroke? A translational approach. Experimental Physiology, 2022, 107, 1136-1143.	0.9	14
45	The Effects of Hockey Protective Equipment on High-Intensity Intermittent Exercise. Medicine and Science in Sports and Exercise, 2007, 39, 1327-1335.	0.2	12
46	Including women in research. It's necessary, and really not so hard to do. Experimental Physiology, 2018, 103, 1296-1297.	0.9	10
47	A recent history of preeclampsia is associated with elevated central pulse wave velocity and muscle sympathetic outflow. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H581-H589.	1.5	10
48	Precision medicine requires understanding how both sex and gender influence health. Cell, 2022, 185, 1619-1622.	13.5	10
49	Blood pressure predicts endothelial function and the effects of ethinyl estradiol exposure in young women. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H925-H933.	1.5	8
50	Endometriosis promotes atherosclerosis in a murine model. American Journal of Obstetrics and Gynecology, 2022, 227, 248.e1-248.e8.	0.7	7
51	A temperature hypothesis of hypothalamus-driven obesity. Yale Journal of Biology and Medicine, 2014, 87, 149-58.	0.2	6
52	Rebuttal to Drs. Stanhewicz and Wong. Journal of Applied Physiology, 2020, 129, 1120-1120.	1.2	5
53	Last Word on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control that include women. Journal of Applied Physiology, 2020, 129, 1136-1137.	1.2	5
54	Peripheral Microvascular Vasodilatory Response to Estradiol and Genistein in Women with Insulin Resistance. Microcirculation, 2015, 22, 391-399.	1.0	4

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55	Why gender equity should remain a focus for the American Physiological Society. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H575-H578.	1.5	4
56	A translational approach for NMDA receptor profiling as a vulnerability biomarker for depression and schizophrenia. Experimental Physiology, 2017, 102, 587-597.	0.9	3
57	Mild exercise in female subjects impairs complex learning independent of hydration status and emotion. Physiology and Behavior, 2017, 180, 113-119.	1.0	3
58	Sex Hormones and Environmental Factors Affecting Exercise. , 2017, , 151-170.		3
59	Effects of bazedoxifene/conjugated estrogens on reproductive endocrinology and reproductive tract ultrasonographic appearance in premenopausal women: a preliminary study. Gynecological Endocrinology, 2019, 35, 390-394.	0.7	3
60	Role of Polycystic Ovary Syndrome in Menstrual Dysfunction in Female Athletes. Medicine and Science in Sports and Exercise, 2009, 41, 1239-1240.	0.2	2
61	Women leading in the Environmental and Exercise Physiology Section of the American Physiological Society: better late than never. Journal of Applied Physiology, 2019, 127, 893-893.	1.2	2
62	Contribution of Increased Angiotensin II Sensitivity to Microvascular Dysfunction in Women With a History of Preeclampsia. Hypertension, 2017, 70, 245-246.	1.3	1
63	Exogenous oestradiol and progesterone administration does not cause oedema in healthy young women. Clinical Endocrinology, 2007, 66, 410-418.	1.2	0
64	Sex hormone effects on autonomic and endothelial function. Experimental Physiology, 2016, 101, 347-348.	0.9	0
65	Independent Effect of High Aerobic Capacity To Protect Against Diet-Induced Insulin Resistance in Male Rats. Endocrinology, 2019, 160, 1437-1438.	1.4	0
66	Introducing a special series, sex as a variable in human research: A systems approach. FASEB Journal, 2020, 34, 8776-8777.	0.2	0
67	Race, Ethnicity and Geographical Variables in the Study of Polycystic Ovarian Syndrome. FASEB Journal, 2021, 35, .	0.2	0
68	Testosterone lowers microvascular ET $\alpha$ receptor responsiveness in women with PCOS. FASEB Journal, 2011, 25, lb559.	0.2	0
69	Testosterone modulates sodium-regulating hormones in women with PCOS. FASEB Journal, 2013, 27, 904.5.	0.2	0
70	ETA subtype receptor sensitivity to testosterone contributes to microvascular dysfunction in PCOS. FASEB Journal, 2013, 27, 1133.10.	0.2	0
71	Mild Dehydration Impairs Executive Function. FASEB Journal, 2015, 29, 823.5.	0.2	0
72	Sympathetic Nervous System Reactivity in Women following Preeclamptic Pregnancies. FASEB Journal, 2018, 32, 714.7.	0.2	0

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73	Compromised endothelial function in transgender men taking testosterone. FASEB Journal, 2019, 33, 696.4.	0.2	0
74	Autonomic Dysfunction in Women with Androgen Excess PCOS. FASEB Journal, 2020, 34, 1-1.	0.2	0
75	Endothelial (Dys)function in Women With Androgen Excess Polycystic Ovary Syndrome: Effects of Body Composition and Ethinyl Estradiol Supplementation. FASEB Journal, 2022, 36, .	0.2	0