

# Nina S Stachenfeld

## List of Publications by Citations

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69

papers

2,976

citations

26

h-index

54

g-index

75

ext. papers

3,394

ext. citations

4.1

avg, IF

5.44

L-index

#	Paper	IF	Citations
69	American College of Sports Medicine position stand. Exercise and fluid replacement. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 377-90	1.2	1130
68	Sex differences in osmotic regulation of AVP and renal sodium handling. <i>Journal of Applied Physiology</i> , <b>2001</b> , 91, 1893-901	3.7	130
67	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> , <b>2018</b> , 315, H1569-H1588	5.2	112
66	Effects of oral contraceptives on body fluid regulation. <i>Journal of Applied Physiology</i> , <b>1999</b> , 87, 1016-25	3.7	102
65	Sex hormone effects on body fluid regulation. <i>Exercise and Sport Sciences Reviews</i> , <b>2008</b> , 36, 152-9	6.7	101
64	Estrogen modifies the temperature effects of progesterone. <i>Journal of Applied Physiology</i> , <b>2000</b> , 88, 1643-9	3.7	99
63	Estrogen effects on osmotic regulation of AVP and fluid balance. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2002</b> , 283, E711-21	6	75
62	Effects of estrogen and progesterone administration on extracellular fluid. <i>Journal of Applied Physiology</i> , <b>2004</b> , 96, 1011-8	3.7	64
61	Moderate-intensity aerobic training improves glucose tolerance in aging independent of abdominal adiposity. <i>Journal of the American Geriatrics Society</i> , <b>1998</b> , 46, 875-9	5.6	64
60	Reproductive hormone influences on thermoregulation in women. <i>Comprehensive Physiology</i> , <b>2014</b> , 4, 793-804	7.7	63
59	Transcapillary escape rate of albumin in humans during exercise-induced hypervolemia. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 407-13	3.7	63
58	Blood pressure and water regulation: understanding sex hormone effects within and between men and women. <i>Journal of Physiology</i> , <b>2012</b> , 590, 5949-61	3.9	60
57	Estrogen influences osmotic secretion of AVP and body water balance in postmenopausal women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1998</b> , 274, R187-95	3.2	60
56	Sex hormone effects on autonomic mechanisms of thermoregulation in humans. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2016</b> , 196, 75-80	2.4	59
55	Physiological variability of fluid-regulation hormones in young women. <i>Journal of Applied Physiology</i> , <b>1999</b> , 86, 1092-6	3.7	49
54	Androgens influence microvascular dilation in PCOS through ET-A and ET-B receptors. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2013</b> , 305, E818-25	6	43
53	Progesterone increases plasma volume independent of estradiol. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 1991-7	3.7	43

52	Hormonal changes during menopause and the impact on fluid regulation. <i>Reproductive Sciences</i> , <b>2014</b> , 21, 555-61	3	42
51	Regulation of blood volume during training in post-menopausal women. <i>Medicine and Science in Sports and Exercise</i> , <b>1998</b> , 30, 92-8	1.2	39
50	Progesterone does not alter osmotic regulation of AVP. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 281, R2011-20	3.2	37
49	Estrogen and progesterone effects on transcapillary fluid dynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2001</b> , 281, R1319-29	3.2	33
48	The molecular actions of oestrogen in the regulation of vascular health. <i>Experimental Physiology</i> , <b>2016</b> , 101, 356-61	2.4	32
47	Acute effects of sodium ingestion on thirst and cardiovascular function. <i>Current Sports Medicine Reports</i> , <b>2008</b> , 7, S7-13	1.9	31
46	Sex hormone effects on body fluid and sodium regulation in women with and without exercise-associated hyponatremia. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 864-72	3.7	30
45	Sleep, breathing, and menopause: the effect of fluctuating estrogen and progesterone on sleep and breathing in women. <i>Gender Medicine</i> , <b>2005</b> , 2, 238-45		30
44	Endothelin B receptor contribution to peripheral microvascular function in women with polycystic ovary syndrome. <i>Journal of Physiology</i> , <b>2011</b> , 589, 4671-9	3.9	28
43	Progesterone enhances adrenergic control of skin blood flow in women with high but not low orthostatic tolerance. <i>Journal of Physiology</i> , <b>2011</b> , 589, 975-86	3.9	26
42	Pharmacological curve fitting to analyze cutaneous adrenergic responses. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 1703-9	3.7	25
41	Androgens drive microvascular endothelial dysfunction in women with polycystic ovary syndrome: role of the endothelin B receptor. <i>Journal of Physiology</i> , <b>2019</b> , 597, 2853-2865	3.9	24
40	Oestrogen effects on urine concentrating response in young women. <i>Journal of Physiology</i> , <b>2003</b> , 552, 869-80	3.9	24
39	Endocrine-Autonomic Linkages. <i>Comprehensive Physiology</i> , <b>2015</b> , 5, 1281-323	7.7	22
38	Point: Investigators should control for menstrual cycle phase when performing studies of vascular control that include women. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 1114-1116	3.7	22
37	Challenges and methodology for testing young healthy women in physiological studies. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 306, E849-53	6	21
36	Mechanisms contributing to low orthostatic tolerance in women: the influence of oestradiol. <i>Journal of Physiology</i> , <b>2013</b> , 591, 2345-55	3.9	21
35	Fluid balance and renal response following dehydrating exercise in well-trained men and women. <i>European Journal of Applied Physiology and Occupational Physiology</i> , <b>1996</b> , 72, 468-77		21

34	Greater exercise sweating in obese women with polycystic ovary syndrome compared with obese controls. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 1660-8	1.2	15
33	Menstrual cycle and thermoregulation during exercise in the heat: A systematic review and meta-analysis. <i>Journal of Science and Medicine in Sport</i> , <b>2020</b> , 23, 1134-1140	4.4	15
32	Water intake reverses dehydration associated impaired executive function in healthy young women. <i>Physiology and Behavior</i> , <b>2018</b> , 185, 103-111	3.5	14
31	Responses to a saline load in gonadotropin-releasing hormone antagonist-pretreated premenopausal women receiving progesterone or estradiol-progesterone therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 386-94	5.6	13
30	Compromised endothelial function in transgender men taking testosterone. <i>Clinical Endocrinology</i> , <b>2020</b> , 92, 138-144	3.4	13
29	The interrelationship of research in the laboratory and the field to assess hydration status and determine mechanisms involved in water regulation during physical activity. <i>Sports Medicine</i> , <b>2014</b> , 44 Suppl 1, S97-104	10.6	12
28	The effects of hockey protective equipment on high-intensity intermittent exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 1327-35	1.2	11
27	A recent history of preeclampsia is associated with elevated central pulse wave velocity and muscle sympathetic outflow. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2020</b> , 318, H581-H589	5.2	8
26	Pathophysiological effects of androgens on the female vascular system. <i>Biology of Sex Differences</i> , <b>2020</b> , 11, 45	9.3	7
25	Including women in research. It's necessary, and really not so hard to do. <i>Experimental Physiology</i> , <b>2018</b> , 103, 1296-1297	2.4	6
24	A temperature hypothesis of hypothalamus-driven obesity. <i>Yale Journal of Biology and Medicine</i> , <b>2014</b> , 87, 149-58	2.4	6
23	Blood pressure predicts endothelial function and the effects of ethinyl estradiol exposure in young women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 315, H925-H933	5.2	5
22	Rebuttal to Drs. Stanhewicz and Wong. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 1120	3.7	5
21	A translational approach for NMDA receptor profiling as a vulnerability biomarker for depression and schizophrenia. <i>Experimental Physiology</i> , <b>2017</b> , 102, 587-597	2.4	3
20	Effects of bazedoxifene/conjugated estrogens on reproductive endocrinology and reproductive tract ultrasonographic appearance in premenopausal women: a preliminary study. <i>Gynecological Endocrinology</i> , <b>2019</b> , 35, 390-394	2.4	3
19	Mild exercise in female subjects impairs complex learning independent of hydration status and emotion. <i>Physiology and Behavior</i> , <b>2017</b> , 180, 113-119	3.5	3
18	Peripheral Microvascular Vasodilatory Response to Estradiol and Genistein in Women with Insulin Resistance. <i>Microcirculation</i> , <b>2015</b> , 22, 391-9	2.9	3
17	Sex Hormones and Environmental Factors Affecting Exercise <b>2017</b> , 151-170		2

16	Role of polycystic ovary syndrome in menstrual dysfunction in female athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2009</b> , 41, 1239-40	1.2	2
15	Women leading in the Environmental and Exercise Physiology Section of the American Physiological Society: better late than never. <i>Journal of Applied Physiology</i> , <b>2019</b> , 127, 893	3.7	1
14	Last Word on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control that include women. <i>Journal of Applied Physiology</i> , <b>2020</b> , 129, 1136-1137	3.7	0
13	Subclinical cardiovascular disease and polycystic ovary syndrome.. <i>Fertility and Sterility</i> , <b>2022</b> , 117, 912-923	4.3	0
12	Precision medicine requires understanding how both sex and gender influence health.. <i>Cell</i> , <b>2022</b> , 185, 1619-1622	56.2	0
11	Independent Effect of High Aerobic Capacity To Protect Against Diet-Induced Insulin Resistance in Male Rats. <i>Endocrinology</i> , <b>2019</b> , 160, 1437-1438	4.8	
10	Sex hormone effects on autonomic and endothelial function. <i>Experimental Physiology</i> , <b>2016</b> , 101, 347-8	2.4	
9	Exogenous oestradiol and progesterone administration does not cause oedema in healthy young women. <i>Clinical Endocrinology</i> , <b>2007</b> , 66, 410-8	3.4	
8	Sympathetic Nervous System Reactivity in Women following Preeclamptic Pregnancies. <i>FASEB Journal</i> , <b>2018</b> , 32, 714.7	0.9	
7	Compromised endothelial function in transgender men taking testosterone. <i>FASEB Journal</i> , <b>2019</b> , 33, 696.4	0.9	
6	Autonomic Dysfunction in Women with Androgen Excess PCOS. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
5	Mild Dehydration Impairs Executive Function. <i>FASEB Journal</i> , <b>2015</b> , 29, 823.5	0.9	
4	Testosterone lowers microvascular ET-B receptor responsiveness in women with PCOS. <i>FASEB Journal</i> , <b>2011</b> , 25, lb559	0.9	
3	Testosterone modulates sodium-regulating hormones in women with PCOS. <i>FASEB Journal</i> , <b>2013</b> , 27, 904.5	0.9	
2	ETA subtype receptor sensitivity to testosterone contributes to microvascular dysfunction in PCOS. <i>FASEB Journal</i> , <b>2013</b> , 27, 1133.10	0.9	
1	Introducing a special series, sex as a variable in human research: A systems approach. <i>FASEB Journal</i> , <b>2020</b> , 34, 8776-8777	0.9	