John R Halliwill

List of Publications by Year in Descending Order

90 papers	3,728 citations	32 h-index	60 g-index
99 ext. papers	4,100 ext. citations	3.2 avg, IF	5.39 L-index

#	Paper	IF	Citations
90	Brachial and carotid hemodynamic response to hot water immersion in men and women. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 321, R823-R832	3.2	0
89	The impact of elevated body core temperature on critical power as determined by a 3-min all-out test. *Journal of Applied Physiology*, **2021**, 131, 1543-1551	3.7	
88	Comparison of morning versus evening aerobic-exercise training on heart rate recovery in treated hypertensive men: a randomized controlled trial. *Blood Pressure Monitoring*, **2021**, 26, 388-392	1.3	1
87	Hemodynamics of post-exercise vs. post hot water immersion recovery. *Journal of Applied Physiology*, **2021**,	3.7	6
86	Effect of histamine-receptor antagonism on leg blood flow during exercise. *Journal of Applied Physiology*, **2020**, 128, 1626-1634	3.7	2
85	Effects of ACEi and ARB on post-exercise hypotension induced by exercises conducted at different times of day in hypertensive men. *Clinical and Experimental Hypertension*, **2020**, 42, 722-727	2.2	6
84	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	3.7	4
83	Heat therapy reduces sympathetic activity and improves cardiovascular risk profile in women who are obese with polycystic ovary syndrome. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 317, R630-R640	3.2	19
82	Effect of Time of Day on Sustained Postexercise Vasodilation Following Small Muscle-Mass Exercise in Humans. *Frontiers in Physiology*, **2019**, 10, 762	4.6	3
81	Blood Pressure and Brachial Shear Patterns During Recovery from Exercise versus Passive Heat Stress. *FASEB Journal*, **2019**, 33, 541.12	0.9	
80	Histamine-Receptor Antagonists Slow 10-km Cycling Performance in Competitive Cyclists. *Medicine and Science in Sports and Exercise*, **2019**, 51, 1487-1497	1.2	2
79	Morning versus Evening Aerobic Training Effects on Blood Pressure in Treated Hypertension. *Medicine and Science in Sports and Exercise*, **2019**, 51, 653-662	1.2	19
78	Update: evidence of a broad histamine footprint on the human exercise transcriptome. *Journal of Physiology*, **2018**, 596, 1103	3.9	2
77	Sustained Skeletal Muscle Blood Flow Elevations Following Prolonged Passive Leg Movement. *FASEB Journal*, **2018**, 32, 726.6	0.9	
76	Histamine-Receptor Antagonists Affect Endurance Exercise Performance in Highly Competitive Cyclists. *FASEB Journal*, **2018**, 32, 723.2	0.9	
75	Postexercise hypotension as a clinical tool: a "single brick" in the wall. *Journal of the American Society of Hypertension*, **2018**, 12, e59-e64		39
74	The cardiovascular system after exercise. *Journal of Applied Physiology*, **2017**, 122, 925-932	3.7	69

73	The Intriguing Role of Histamine in Exercise Responses. *Exercise and Sport Sciences Reviews*, **2017**, 45, 16-23	6.7	9
72	Mast cell degranulation and de novo histamine formation contribute to sustained postexercise vasodilation in humans. *Journal of Applied Physiology*, **2017**, 122, 603-610	3.7	19
71	Effect of acute aerobic exercise and histamine receptor blockade on arterial stiffness in African Americans and Caucasians. *Journal of Applied Physiology*, **2017**, 122, 386-395	3.7	5
70	A single dose of histamine-receptor antagonists before downhill running alters markers of muscle damage and delayed-onset muscle soreness. *Journal of Applied Physiology*, **2017**, 122, 631-641	3.7	15
69	Post-exercise syncope: Wingate syncope test and visual-cognitive function. *Physiological Reports*, **2016**, 4, e12883	2.6	11
68	Differential Post-Exercise Blood Pressure Responses between Blacks and Caucasians. *PLoS ONE*, **2016**, 11, e0153445	3.7	6
67	Evidence of a broad histamine footprint on the human exercise transcriptome. *Journal of Physiology*, **2016**, 594, 5009-23	3.9	29
66	A modified device for continuous non-invasive blood pressure measurements in humans under hyperbaric and/or oxygen-enriched conditions. *Diving and Hyperbaric Medicine*, **2016**, 46, 38-42	1	2
65	Recovery from exercise: vulnerable state, window of opportunity, or crystal ball?. *Frontiers in Physiology*, **2015**, 6, 204	4.6	43
64	Neurovascular control following small muscle-mass exercise in humans. *Physiological Reports*, **2015**, 3, e12289	2.6	9
63	Effect of antioxidants on histamine receptor activation and sustained postexercise vasodilatation in humans. *Experimental Physiology*, **2015**, 100, 435-49	2.4	18
62	Blood pressure regulation X: what happens when the muscle pump is lost? Post-exercise hypotension and syncope. *European Journal of Applied Physiology*, **2014**, 114, 561-78	3.4	54
61	Increased cardiac output, not pulmonary artery systolic pressure, increases intrapulmonary shunt in healthy humans breathing room air and 40% O2. *Journal of Physiology*, **2014**, 592, 4537-53	3.9	30
60	Postexercise syncope: Wingate syncope test and effective countermeasure. *Experimental Physiology*, **2014**, 99, 172-86	2.4	21
59	Thin-beam ultrasound overestimation of blood flow: how wide is your beam?. *Journal of Applied Physiology*, **2014**, 116, 1096-104	3.7	19
58	Postexercise hypotension and sustained postexercise vasodilatation: what happens after we exercise?. *Experimental Physiology*, **2013**, 98, 7-18	2.4	208
57	Sustained postexercise vasodilatation and histamine receptor activation following small muscle-mass exercise in humans. *Experimental Physiology*, **2013**, 98, 268-77	2.4	27
56	Effect of H1- and H2-histamine receptor blockade on postexercise insulin sensitivity. *Physiological Reports*, **2013**, 1, e00033	2.6	11

55	Countermeasures against post-exercise syncope. *FASEB Journal*, **2013**, 27, 1203.15	0.9	
54	Ascorbic acid inhibits histamine-receptor mediated sustained post-exercise vasodilation in humans. *FASEB Journal*, **2013**, 27, 1136.3	0.9	
53	Thin-beam ultrasound overestimation of blood flow: How wide is your beam?. *FASEB Journal*, **2012**, 26, 1087.13	0.9	
52	Postexercise histamine-receptor activation contributes to VEGF expression in human skeletal muscle. *FASEB Journal*, **2012**, 26, 1138.26	0.9	
51	Histamine-receptor blockade reduces blood flow but not muscle glucose uptake during postexercise recovery in humans. *Experimental Physiology*, **2011**, 96, 664-73	2.4	17
50	Hypoxic cutaneous vasodilation is sustained during brief cold stress and is not affected by changes in CO2. *Journal of Applied Physiology*, **2010**, 108, 788-92	3.7	15
49	Local histamine H(1-) and H(2)-receptor blockade reduces postexercise skeletal muscle interstitial glucose concentrations in humans. *Applied Physiology, Nutrition and Metabolism*, **2010**, 35, 617-26	3	21
48	Influence of progesterone and estradiol on cardiovagal baroreflex sensitivity in young healthy women. *FASEB Journal*, **2010**, 24, 1020.3	0.9	
47	Progesterone administration antagonizes the effect of estradiol on endothelium-dependent vasodilation in young healthy women. *FASEB Journal*, **2010**, 24, 1041.22	0.9	
46	Heat acclimation improves central cardiac function and performance variables in cool environments. *FASEB Journal*, **2010**, 24, 991.11	0.9	
45	Fluid replacement and heat stress during exercise alter post-exercise cardiac haemodynamics in endurance exercise-trained men. *Journal of Physiology*, **2009**, 587, 3605-17	3.9	31
44	Potential benefit from an H1-receptor antagonist on postexercise syncope in the heat. *Medicine and Science in Sports and Exercise*, **2008**, 40, 1953-61	1.2	11
43	Local H1-and H2-receptor blockade blunts postexercise blood flow in the vastus lateralis. *FASEB Journal*, **2008**, 22, 957.22	0.9	
42	POTENTIAL BENEFIT FROM A H1- RECEPTOR ANTAGONIST ON POSTEXERCISE SYNCOPE IN THE HEAT. *FASEB Journal*, **2008**, 22, 957.6	0.9	
41	Postexercise cardiac hemodynamics in endurance-trained men. *FASEB Journal*, **2008**, 22, 957.21	0.9	
40	The effect of isocapnic hypoxia on reflex cutaneous vasoconstriction. *FASEB Journal*, **2008**, 22, 956.13	0.9	
39	Mild central chemoreflex activation does not alter arterial baroreflex function in healthy humans. *Journal of Physiology*, **2007**, 583, 1155-63	3.9	9
38	Effect of propranolol on sympathetically mediated leg vasoconstriction in humans. *Journal of Physiology*, **2007**, 583, 797-809	3.9	11

37	Effects of the menstrual cycle and sex on postexercise hemodynamics. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2007**, 292, R1260-70	3.2	29
36	H1 and H2 receptors mediate postexercise hyperemia in sedentary and endurance exercise-trained men and women. *Journal of Applied Physiology*, **2006**, 101, 1693-701	3.7	65
35	H2-receptor-mediated vasodilation contributes to postexercise hypotension. *Journal of Applied Physiology*, **2006**, 100, 67-75	3.7	62
34	Postexercise hypotension is not explained by a prostaglandin-dependent peripheral vasodilation. *Journal of Applied Physiology*, **2005**, 98, 447-53	3.7	29
33	Is postexercise hypotension related to excess postexercise oxygen consumption through changes in leg blood flow?. *Journal of Applied Physiology*, **2005**, 98, 1463-8	3.7	17
32	H1 receptor-mediated vasodilatation contributes to postexercise hypotension. *Journal of Physiology*, **2005**, 563, 633-42	3.9	69
31	Syncope during exercise, documented with continuous blood pressure monitoring during ergometer testing. *Clinical Autonomic Research*, **2005**, 15, 59-62	4.3	9
30	Exercise related syncope: when it□s not the heart. *Clinical Autonomic Research*, **2005**, 15, 64-64	4.3	
29	Cardiovagal regulation during combined hypoxic and orthostatic stress: fainters vs. nonfainters. *Journal of Applied Physiology*, **2005**, 98, 1050-6	3.7	20
28	Menstrual cycle and sex affect hemodynamic responses to combined orthostatic and heat stress. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H631-42	5.2	57
27	Regional hemodynamics during postexercise hypotension. II. Cutaneous circulation. *Journal of Applied Physiology*, **2004**, 97, 2071-6	3.7	56
26	Regional hemodynamics during postexercise hypotension. I. Splanchnic and renal circulations. *Journal of Applied Physiology*, **2004**, 97, 2065-70	3.7	37
25	Exercise related syncope, when it's not the heart. *Clinical Autonomic Research*, **2004**, 14 Suppl 1, 25-36	4.3	30
24	Influences of hydration on post-exercise cardiovascular control in humans. *Journal of Physiology*, **2003**, 552, 635-44	3.9	74
23	Failure of systemic hypoxia to blunt alpha-adrenergic vasoconstriction in the human forearm. *Journal of Physiology*, **2003**, 549, 985-94	3.9	48
22	Alpha-adrenergic vascular responsiveness during postexercise hypotension in humans. *Journal of Physiology*, **2003**, 550, 279-86	3.9	53
21	Peripheral chemoreflex and baroreflex interactions in cardiovascular regulation in humans. *Journal of Physiology*, **2003**, 552, 295-302	3.9	82
20	Hypoxic Regulation of Blood Flow in Humans. *Advances in Experimental Medicine and Biology*, **2003**, 223-236	3.6	22

19	Hypoxic regulation of blood flow in humans. Skeletal muscle circulation and the role of epinephrine. *Advances in Experimental Medicine and Biology*, **2003**, 543, 223-36	3.6	11
18	Influence of endurance exercise training status and gender on postexercise hypotension. *Journal of Applied Physiology*, **2002**, 92, 2368-74	3.7	111
17	Effect of hypoxia on arterial baroreflex control of heart rate and muscle sympathetic nerve activity in humans. *Journal of Applied Physiology*, **2002**, 93, 857-64	3.7	112
16	Effects of regional phentolamine on hypoxic vasodilatation in healthy humans. *Journal of Physiology*, **2001**, 537, 613-21	3.9	106
15	Mechanisms and clinical implications of post-exercise hypotension in humans. *Exercise and Sport Sciences Reviews*, **2001**, 29, 65-70	6.7	222
14	beta-Receptor agonist activity of phenylephrine in the human forearm. *Journal of Applied Physiology*, **2001**, 90, 1855-9	3.7	41
13	Smaller age-associated reductions in leg venous compliance in endurance exercise-trained men. *American Journal of Physiology - Heart and Circulatory Physiology*, **2001**, 281, H1267-73	5.2	61
12	Mechanisms and Clinical Implications of Post-exercise Hypotension in Humans. *Exercise and Sport Sciences Reviews*, **2001**, 29, 65-70	6.7	74
11	Skeletal muscle vasodilatation during sympathoexcitation is not neurally mediated in humans. *Journal of Physiology*, **2000**, 525 Pt 1, 253-62	3.9	53
10	Effect of systemic nitric oxide synthase inhibition on postexercise hypotension in humans. *Journal of Applied Physiology*, **2000**, 89, 1830-6	3.7	125
9	Segregated signal averaging of sympathetic baroreflex responses in humans. *Journal of Applied Physiology*, **2000**, 88, 767-73	3.7	77
8	Sympathetic activity and baroreflex sensitivity in young women taking oral contraceptives. *Circulation*, **2000**, 102, 1473-6	16.7	98
7	Influence of the menstrual cycle on sympathetic activity, baroreflex sensitivity, and vascular transduction in young women. *Circulation*, **2000**, 101, 862-8	16.7	375
6	Human sympathetic and vagal baroreflex responses to sequential nitroprusside and phenylephrine. *American Journal of Physiology - Heart and Circulatory Physiology*, **1999**, 276, H1691-8	5.2	180
5	Measurement of limb venous compliance in humans: technical considerations and physiological findings. *Journal of Applied Physiology*, **1999**, 87, 1555-63	3.7	90
4	Influence of age and gender on cardiac output-VO2 relationships during submaximal cycle ergometry. *Journal of Applied Physiology*, **1998**, 84, 599-605	3.7	98
3	Forearm sympathetic withdrawal and vasodilatation during mental stress in humans. *Journal of Physiology*, **1997**, 504 (Pt 1), 211-20	3.9	100
2	Contribution of nitric oxide and prostaglandins to reactive hyperemia in human forearm. *Journal of Applied Physiology*, **1996**, 81, 1807-14	3.7	208

List of Publications

1