

John R Halliwill

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Influence of the menstrual cycle on sympathetic activity, baroreflex sensitivity, and vascular transduction in young women. <i>Circulation</i> , 2000 , 101, 862-8	16.7	375
89	Mechanisms and clinical implications of post-exercise hypotension in humans. <i>Exercise and Sport Sciences Reviews</i> , 2001 , 29, 65-70	6.7	222
88	Postexercise hypotension and sustained postexercise vasodilatation: what happens after we exercise?. <i>Experimental Physiology</i> , 2013 , 98, 7-18	2.4	208
87	Contribution of nitric oxide and prostaglandins to reactive hyperemia in human forearm. <i>Journal of Applied Physiology</i> , 1996 , 81, 1807-14	3.7	208
86	Human sympathetic and vagal baroreflex responses to sequential nitroprusside and phenylephrine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 276, H1691-8	5.2	180
85	Effect of systemic nitric oxide synthase inhibition on postexercise hypotension in humans. <i>Journal of Applied Physiology</i> , 2000 , 89, 1830-6	3.7	125
84	Effect of hypoxia on arterial baroreflex control of heart rate and muscle sympathetic nerve activity in humans. <i>Journal of Applied Physiology</i> , 2002 , 93, 857-64	3.7	112
83	Influence of endurance exercise training status and gender on postexercise hypotension. <i>Journal of Applied Physiology</i> , 2002 , 92, 2368-74	3.7	111
82	Effects of regional phentolamine on hypoxic vasodilatation in healthy humans. <i>Journal of Physiology</i> , 2001 , 537, 613-21	3.9	106
81	Forearm sympathetic withdrawal and vasodilatation during mental stress in humans. <i>Journal of Physiology</i> , 1997 , 504 (Pt 1), 211-20	3.9	100
80	Sympathetic activity and baroreflex sensitivity in young women taking oral contraceptives. <i>Circulation</i> , 2000 , 102, 1473-6	16.7	98
79	Influence of age and gender on cardiac output-VO ₂ relationships during submaximal cycle ergometry. <i>Journal of Applied Physiology</i> , 1998 , 84, 599-605	3.7	98
78	Measurement of limb venous compliance in humans: technical considerations and physiological findings. <i>Journal of Applied Physiology</i> , 1999 , 87, 1555-63	3.7	90
77	Peripheral chemoreflex and baroreflex interactions in cardiovascular regulation in humans. <i>Journal of Physiology</i> , 2003 , 552, 295-302	3.9	82
76	Segregated signal averaging of sympathetic baroreflex responses in humans. <i>Journal of Applied Physiology</i> , 2000 , 88, 767-73	3.7	77
75	Influences of hydration on post-exercise cardiovascular control in humans. <i>Journal of Physiology</i> , 2003 , 552, 635-44	3.9	74
74	Mechanisms and Clinical Implications of Post-exercise Hypotension in Humans. <i>Exercise and Sport Sciences Reviews</i> , 2001 , 29, 65-70	6.7	74

73	The cardiovascular system after exercise. <i>Journal of Applied Physiology</i> , 2017 , 122, 925-932	3.7	69
72	H1 receptor-mediated vasodilatation contributes to postexercise hypotension. <i>Journal of Physiology</i> , 2005 , 563, 633-42	3.9	69
71	H1 and H2 receptors mediate postexercise hyperemia in sedentary and endurance exercise-trained men and women. <i>Journal of Applied Physiology</i> , 2006 , 101, 1693-701	3.7	65
70	H2-receptor-mediated vasodilation contributes to postexercise hypotension. <i>Journal of Applied Physiology</i> , 2006 , 100, 67-75	3.7	62
69	Smaller age-associated reductions in leg venous compliance in endurance exercise-trained men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H1267-73	5.2	61
68	Menstrual cycle and sex affect hemodynamic responses to combined orthostatic and heat stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 289, H631-42	5.2	57
67	Regional hemodynamics during postexercise hypotension. II. Cutaneous circulation. <i>Journal of Applied Physiology</i> , 2004 , 97, 2071-6	3.7	56
66	Blood pressure regulation X: what happens when the muscle pump is lost? Post-exercise hypotension and syncope. <i>European Journal of Applied Physiology</i> , 2014 , 114, 561-78	3.4	54
65	Alpha-adrenergic vascular responsiveness during postexercise hypotension in humans. <i>Journal of Physiology</i> , 2003 , 550, 279-86	3.9	53
64	Skeletal muscle vasodilatation during sympathoexcitation is not neurally mediated in humans. <i>Journal of Physiology</i> , 2000 , 525 Pt 1, 253-62	3.9	53
63	Failure of systemic hypoxia to blunt alpha-adrenergic vasoconstriction in the human forearm. <i>Journal of Physiology</i> , 2003 , 549, 985-94	3.9	48
62	Recovery from exercise: vulnerable state, window of opportunity, or crystal ball?. <i>Frontiers in Physiology</i> , 2015 , 6, 204	4.6	43
61	beta-Receptor agonist activity of phenylephrine in the human forearm. <i>Journal of Applied Physiology</i> , 2001 , 90, 1855-9	3.7	41
60	Postexercise hypotension as a clinical tool: a "single brick" in the wall. <i>Journal of the American Society of Hypertension</i> , 2018 , 12, e59-e64		39
59	Regional hemodynamics during postexercise hypotension. I. Splanchnic and renal circulations. <i>Journal of Applied Physiology</i> , 2004 , 97, 2065-70	3.7	37
58	Fluid replacement and heat stress during exercise alter post-exercise cardiac haemodynamics in endurance exercise-trained men. <i>Journal of Physiology</i> , 2009 , 587, 3605-17	3.9	31
57	Increased cardiac output, not pulmonary artery systolic pressure, increases intrapulmonary shunt in healthy humans breathing room air and 40% O ₂ . <i>Journal of Physiology</i> , 2014 , 592, 4537-53	3.9	30
56	Exercise related syncope, when it's not the heart. <i>Clinical Autonomic Research</i> , 2004 , 14 Suppl 1, 25-36	4.3	30

55	Effects of the menstrual cycle and sex on postexercise hemodynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 292, R1260-70	3.2	29
54	Postexercise hypotension is not explained by a prostaglandin-dependent peripheral vasodilation. <i>Journal of Applied Physiology</i> , 2005 , 98, 447-53	3.7	29
53	Evidence of a broad histamine footprint on the human exercise transcriptome. <i>Journal of Physiology</i> , 2016 , 594, 5009-23	3.9	29
52	Sustained postexercise vasodilatation and histamine receptor activation following small muscle-mass exercise in humans. <i>Experimental Physiology</i> , 2013 , 98, 268-77	2.4	27
51	Hypoxic Regulation of Blood Flow in Humans. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 223-236	3.6	22
50	Postexercise syncope: Wingate syncope test and effective countermeasure. <i>Experimental Physiology</i> , 2014 , 99, 172-86	2.4	21
49	Local histamine H(1-) and H(2)-receptor blockade reduces postexercise skeletal muscle interstitial glucose concentrations in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2010 , 35, 617-26	3	21
48	Cardiovascular regulation during combined hypoxic and orthostatic stress: fainters vs. nonfainters. <i>Journal of Applied Physiology</i> , 2005 , 98, 1050-6	3.7	20
47	Mast cell degranulation and de novo histamine formation contribute to sustained postexercise vasodilation in humans. <i>Journal of Applied Physiology</i> , 2017 , 122, 603-610	3.7	19
46	Heat therapy reduces sympathetic activity and improves cardiovascular risk profile in women who are obese with polycystic ovary syndrome. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R630-R640	3.2	19
45	Thin-beam ultrasound overestimation of blood flow: how wide is your beam?. <i>Journal of Applied Physiology</i> , 2014 , 116, 1096-104	3.7	19
44	Morning versus Evening Aerobic Training Effects on Blood Pressure in Treated Hypertension. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 653-662	1.2	19
43	Effect of antioxidants on histamine receptor activation and sustained postexercise vasodilatation in humans. <i>Experimental Physiology</i> , 2015 , 100, 435-49	2.4	18
42	Histamine-receptor blockade reduces blood flow but not muscle glucose uptake during postexercise recovery in humans. <i>Experimental Physiology</i> , 2011 , 96, 664-73	2.4	17
41	Is postexercise hypotension related to excess postexercise oxygen consumption through changes in leg blood flow?. <i>Journal of Applied Physiology</i> , 2005 , 98, 1463-8	3.7	17
40	A single dose of histamine-receptor antagonists before downhill running alters markers of muscle damage and delayed-onset muscle soreness. <i>Journal of Applied Physiology</i> , 2017 , 122, 631-641	3.7	15
39	Hypoxic cutaneous vasodilation is sustained during brief cold stress and is not affected by changes in CO ₂ . <i>Journal of Applied Physiology</i> , 2010 , 108, 788-92	3.7	15
38	Post-exercise syncope: Wingate syncope test and visual-cognitive function. <i>Physiological Reports</i> , 2016 , 4, e12883	2.6	11

37	Effect of H1- and H2-histamine receptor blockade on postexercise insulin sensitivity. <i>Physiological Reports</i> , 2013 , 1, e00033	2.6	11
36	Potential benefit from an H1-receptor antagonist on postexercise syncope in the heat. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1953-61	1.2	11
35	Effect of propranolol on sympathetically mediated leg vasoconstriction in humans. <i>Journal of Physiology</i> , 2007 , 583, 797-809	3.9	11
34	Hypoxic regulation of blood flow in humans. Skeletal muscle circulation and the role of epinephrine. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 543, 223-36	3.6	11
33	The Intriguing Role of Histamine in Exercise Responses. <i>Exercise and Sport Sciences Reviews</i> , 2017 , 45, 16-23	6.7	9
32	Neurovascular control following small muscle-mass exercise in humans. <i>Physiological Reports</i> , 2015 , 3, e12289	2.6	9
31	Mild central chemoreflex activation does not alter arterial baroreflex function in healthy humans. <i>Journal of Physiology</i> , 2007 , 583, 1155-63	3.9	9
30	Syncope during exercise, documented with continuous blood pressure monitoring during ergometer testing. <i>Clinical Autonomic Research</i> , 2005 , 15, 59-62	4.3	9
29	Effects of ACEi and ARB on post-exercise hypotension induced by exercises conducted at different times of day in hypertensive men. <i>Clinical and Experimental Hypertension</i> , 2020 , 42, 722-727	2.2	6
28	Hemodynamics of post-exercise vs. post hot water immersion recovery. <i>Journal of Applied Physiology</i> , 2021 ,	3.7	6
27	Differential Post-Exercise Blood Pressure Responses between Blacks and Caucasians. <i>PLoS ONE</i> , 2016 , 11, e0153445	3.7	6
26	Effect of acute aerobic exercise and histamine receptor blockade on arterial stiffness in African Americans and Caucasians. <i>Journal of Applied Physiology</i> , 2017 , 122, 386-395	3.7	5
25	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	3.7	4
24	Effect of Time of Day on Sustained Postexercise Vasodilation Following Small Muscle-Mass Exercise in Humans. <i>Frontiers in Physiology</i> , 2019 , 10, 762	4.6	3
23	Effect of histamine-receptor antagonism on leg blood flow during exercise. <i>Journal of Applied Physiology</i> , 2020 , 128, 1626-1634	3.7	2
22	Update: evidence of a broad histamine footprint on the human exercise transcriptome. <i>Journal of Physiology</i> , 2018 , 596, 1103	3.9	2
21	Histamine-Receptor Antagonists Slow 10-km Cycling Performance in Competitive Cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1487-1497	1.2	2
20	A modified device for continuous non-invasive blood pressure measurements in humans under hyperbaric and/or oxygen-enriched conditions. <i>Diving and Hyperbaric Medicine</i> , 2016 , 46, 38-42	1	2

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18	Comparison of morning versus evening aerobic-exercise training on heart rate recovery in treated hypertensive men: a randomized controlled trial. <i>Blood Pressure Monitoring</i> , 2021 , 26, 388-392	1.3	1
17	Brachial and carotid hemodynamic response to hot water immersion in men and women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R823-R832	3.2	0
16	Exercise related syncope: when it's not the heart. <i>Clinical Autonomic Research</i> , 2005 , 15, 64-64	4.3	
15	The impact of elevated body core temperature on critical power as determined by a 3-min all-out test. <i>Journal of Applied Physiology</i> , 2021 , 131, 1543-1551	3.7	
14	Local H1-and H2-receptor blockade blunts postexercise blood flow in the vastus lateralis. <i>FASEB Journal</i> , 2008 , 22, 957.22	0.9	
13	POTENTIAL BENEFIT FROM A H1- RECEPTOR ANTAGONIST ON POSTEXERCISE SYNCOPE IN THE HEAT. <i>FASEB Journal</i> , 2008 , 22, 957.6	0.9	
12	Postexercise cardiac hemodynamics in endurance-trained men. <i>FASEB Journal</i> , 2008 , 22, 957.21	0.9	
11	The effect of isocapnic hypoxia on reflex cutaneous vasoconstriction. <i>FASEB Journal</i> , 2008 , 22, 956.13	0.9	
10	Sustained Skeletal Muscle Blood Flow Elevations Following Prolonged Passive Leg Movement. <i>FASEB Journal</i> , 2018 , 32, 726.6	0.9	
9	Histamine-Receptor Antagonists Affect Endurance Exercise Performance in Highly Competitive Cyclists. <i>FASEB Journal</i> , 2018 , 32, 723.2	0.9	
8	Blood Pressure and Brachial Shear Patterns During Recovery from Exercise versus Passive Heat Stress. <i>FASEB Journal</i> , 2019 , 33, 541.12	0.9	
7	Influence of progesterone and estradiol on cardiovagal baroreflex sensitivity in young healthy women. <i>FASEB Journal</i> , 2010 , 24, 1020.3	0.9	
6	Progesterone administration antagonizes the effect of estradiol on endothelium-dependent vasodilation in young healthy women. <i>FASEB Journal</i> , 2010 , 24, 1041.22	0.9	
5	Heat acclimation improves central cardiac function and performance variables in cool environments. <i>FASEB Journal</i> , 2010 , 24, 991.11	0.9	
4	Thin-beam ultrasound overestimation of blood flow: How wide is your beam?. <i>FASEB Journal</i> , 2012 , 26, 1087.13	0.9	
3	Postexercise histamine-receptor activation contributes to VEGF expression in human skeletal muscle. <i>FASEB Journal</i> , 2012 , 26, 1138.26	0.9	
2	Countermeasures against post-exercise syncope. <i>FASEB Journal</i> , 2013 , 27, 1203.15	0.9	

- 1 Ascorbic acid inhibits histamine-receptor mediated sustained post-exercise vasodilation in humans. *FASEB Journal*, **2013**, 27, 1136.3 0.9