James M Hagberg

List of Publications by Year
in descending order

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54 papers	2,433 citations	257450 24 h-index	233421 45 g-index
55 all docs	55 docs citations	55 times ranked	3005 citing authors

#	Article	IF	Citations
1	The Human Gene Map for Performance and Health-Related Fitness Phenotypes. Medicine and Science in Sports and Exercise, 2009, 41, 34-72.	0.4	409
2	The Role of Exercise Training in the Treatment of Hypertension. Sports Medicine, 2000, 30, 193-206.	6.5	350
3	Endurance exercise training raises high-density lipoprotein cholesterol and lowers small low-density lipoprotein and very low-density lipoprotein independent of body fat phenotypes in older men and women. Metabolism: Clinical and Experimental, 2007, 56, 444-450.	3.4	178
4	VË™o 2 max is associated with ACE genotype in postmenopausal women. Journal of Applied Physiology, 1998, 85, 1842-1846.	2.5	113
5	Advances in Exercise, Fitness, and Performance Genomics. Medicine and Science in Sports and Exercise, 2010, 42, 835-846.	0.4	111
6	The independent and combined effects of weight loss and aerobic exercise on blood pressure and oral glucose tolerance in older menâ˜†. American Journal of Hypertension, 1998, 11, 1405-1412.	2.0	100
7	Exercise Training-Induced Blood Pressure and Plasma Lipid Improvements in Hypertensives May Be Genotype Dependent. Hypertension, 1999, 34, 18-23.	2.7	83
8	Circulating microRNAs in acute and chronic exercise: more than mere biomarkers. Journal of Applied Physiology, 2017, 122, 702-717.	2.5	80
9	Apolipoprotein E genotype and exercise trainingâ€"induced increases in plasma high-density lipoprotein (HDL)- and HDL2-cholesterol levels in overweight men. Metabolism: Clinical and Experimental, 1999, 48, 943-945.	3.4	73
10	Changes in high-density lipoprotein-cholesterol subfractions with exercise training may be dependent on cholesteryl ester transfer protein (CETP) genotype. Metabolism: Clinical and Experimental, 2002, 51, 774-778.	3.4	72
11	The effects of exercise on the lipoprotein subclass profile: A meta-analysis of 10 interventions. Atherosclerosis, 2015, 243, 364-372.	0.8	72
12	Advances in Exercise, Fitness, and Performance Genomics in 2010. Medicine and Science in Sports and Exercise, 2011, 43, 743-752.	0.4	64
13	Weight Loss, Not Aerobic Exercise, Improves Pulmonary Function in Older Obese Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2000, 55, M453-M457.	3.6	57
14	Predictors of age-associated decline in maximal aerobic capacity: a comparison of four statistical models. Journal of Applied Physiology, 1998, 84, 2163-2170.	2.5	54
15	Moderate Physical Activity is Associated with Higher Bone Mineral Density in Postmenopausal Women. Journal of the American Geriatrics Society, 2001, 49, 1411-1417.	2.6	48
16	Seven Consecutive Days of Exercise Lowers Plasma Insulin Responses to an Oral Glucose Challenge in Sedentary Elderly. Journal of the American Geriatrics Society, 1994, 42, 394-398.	2.6	47
17	Association Between Body Fat Response to Exercise Training and Multilocus ADR Genotypes. Obesity, 2004, 12, 807-815.	4.0	44
18	Hippocampal and Cerebral Blood Flow after Exercise Cessation in Master Athletes. Frontiers in Aging Neuroscience, 2016, 8, 184.	3.4	44

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19	Effects of acute and chronic endurance exercise on intracellular nitric oxide in putative endothelial progenitor cells: role of NAPDH oxidase. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1798-H1805.	3.2	43
20	Relationship between circulating progenitor cells, vascular function and oxidative stress with long-term training and short-term detraining in older men. Clinical Science, 2010, 118, 303-311.	4.3	43
21	Prior endurance exercise prevents postprandial lipaemiaâ€induced increases in reactive oxygen species in circulating CD31⁺ cells. Journal of Physiology, 2011, 589, 5539-5553.	2.9	42
22	Endurance trainingâ€“induced changes in the insulin response to oral glucose are associated with the peroxisome proliferatorâ€“activated receptor-Î³2 Pro12Ala genotype in men but not in women. Metabolism: Clinical and Experimental, 2005, 54, 97-102.	3.4	36
23	Effects of acute and chronic endurance exercise on intracellular nitric oxide and superoxide in circulating CD34⁺ and CD34^{â^'} cells. Journal of Applied Physiology, 2011, 111, 929-937.	2.5	31
24	The effects of moderate and high-intensity exercise on circulating markers of endothelial integrity and activation in young, healthy men. Journal of Applied Physiology, 2019, 127, 1245-1256.	2.5	27
25	Chronic endurance exercise affects paracrine action of CD31⁺ and CD34⁺ cells on endothelial tube formation. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H407-H420.	3.2	24
26	Trends in aggressive play and refereeing among the top five European soccer leagues. Journal of Sports Sciences, 2018, 36, 1346-1354.	2.0	24
27	Short-term exercise training improves flow-mediated dilation and circulating angiogenic cell number in older sedentary adults. Applied Physiology, Nutrition and Metabolism, 2016, 41, 832-841.	1.9	22
28	Changes in circulating microRNA and arterial stiffness following highâ€intensity interval and moderate intensity continuous exercise. Physiological Reports, 2020, 8, e14431.	1.7	13
29	The unfortunately long life of some retracted biomedical research publications. Journal of Applied Physiology, 2020, 128, 1381-1391.	2.5	13
30	Do genetic variations alter the effects of exercise training on cardiovascular disease and can we identify the candidate variants now or in the future?. Journal of Applied Physiology, 2011, 111, 916-928.	2.5	12
31	Effects of regular endurance exercise on GlycA: Combined analysis of 14 exercise interventions. Atherosclerosis, 2018, 277, 1-6.	0.8	12
32	Investigating the extremes of the continuum of paracrine functions in CD34^{â^'}/CD31⁺ CACs across diverse populations. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 312, H162-H172.	3.2	11
33	Effect of exercise on metabolic syndrome in black women by family history and predicted risk of breast cancer: The <scp>FIERCE</scp> Study. Cancer, 2018, 124, 3355-3363.	4.1	11
34	Circulating microRNAs: advances in exercise physiology. Current Opinion in Physiology, 2019, 10, 1-9.	1.8	10
35	Exercise and Cardiovascular Progenitor Cells. , 2019, 9, 767-797.		9
36	The historical context and scientific legacy of John O. Holloszy. Journal of Applied Physiology, 2019, 127, 277-305.	2.5	9

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37	Circulating microparticle concentrations across acute and chronic cardiovascular disease conditions. Physiological Reports, 2020, 8, e14534.	1.7	8
38	CrossTalk opposing view: Acute exercise does not elicit damage to the endothelial layer of systemic blood vessels in healthy individuals. Journal of Physiology, 2018, 596, 541-544.	2.9	7
39	Circulating microRNAs and endothelial cell migration rate are associated with metabolic syndrome and fitness level in postmenopausal African American women. Physiological Reports, 2019, 7, e14173.	1.7	7
40	Race-specific changes in endothelial inflammation and microRNA in response to an acute inflammatory stimulus. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H2371-H2384.	3.2	6
41	Sex-specific alterations in blood-borne factors in physically inactive individuals are detrimental to endothelial cell functions. Journal of Applied Physiology, 2020, 129, 664-674.	2.5	4
42	Effects of Exercise Training on the Paracrine Function of Circulating Angiogenic Cells. International Journal of Sports Medicine, 2020, 42, 1047-1057.	1.7	3
43	Markers of aggressive play are similar among the top four divisions of English soccer over 17 seasons. Science and Medicine in Football, 2019, 3, 125-130.	2.0	2
44	A Personal Biography of a Physiological Misnomer: The Anaerobic Threshold. International Journal of Sports Medicine, 2022, 43, 391-400.	1.7	2
45	John O. Holloszy: An Enduring Legacy in Exercise Physiology, Aging, and Muscle Research. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 588-589.	3.6	1
46	Circulating MicroRNA Responses to Postprandial Lipemia with or without Prior Exercise. International Journal of Sports Medicine, 2021, , .	1.7	1
47	Impaired glucose tolerance and insulin resistance are associated with hemostatic imbalance. FASEB Journal, 2007, 21, A831.	0.5	1
48	Rebuttal from Ryan M. Sapp and James M. Hagberg. Journal of Physiology, 2018, 596, 547-547.	2.9	0
49	Reply to Teixeira da Silva. Journal of Applied Physiology, 2020, 129, 4-4.	2.5	0
50	Acute and chronic endurance exercise effects on nitric oxide, superoxide, and redoxâ€related gene expression in circulating CD34+ cells. FASEB Journal, 2011, 25, 1107.16.	0.5	0
51	KLOTHO KLâ€VS Genotype is Associated with Cardiovascular Disease Risk Factors and Adaptations to Exercise Training. FASEB Journal, 2011, 25, 1057.9.	0.5	0
52	Effects of prior endurance exercise on postprandial lipemiaâ€induced changes in circulating angiogenic cytokines in young men. FASEB Journal, 2012, 26, 1138.31.	0.5	0
53	Effects of training status on circulating angiogenic cell paracrine activity in young men and women. FASEB Journal, 2013, 27, lb673.	0.5	0
54	Re: Letter to the Editor on: â€œEffects of Exercise Training on the Paracrine Function of Circulating Angiogenic Cells.â€• International Journal of Sports Medicine, 2021, 42, 1139-1139.	1.7	0