

# Ryan S Garten

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

919  
citations

623734

14  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1493  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exercise Intolerance in Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2209-2225.	2.8	236
2	Cardiac, skeletal, and smooth muscle mitochondrial respiration: are all mitochondria created equal?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H346-H352.	3.2	97
3	Evidence of microvascular dysfunction in heart failure with preserved ejection fraction. <i>Heart</i> , 2016, 102, 278-284.	2.9	90
4	Vascular Dysfunction and Chronic Obstructive Pulmonary Disease. <i>Hypertension</i> , 2014, 63, 459-467.	2.7	70
5	The role of active muscle mass in determining the magnitude of peripheral fatigue during dynamic exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R934-R940.	1.8	61
6	Impaired skeletal muscle vasodilation during exercise in heart failure with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2016, 211, 14-21.	1.7	52
7	Quadriceps exercise intolerance in patients with chronic obstructive pulmonary disease: the potential role of altered skeletal muscle mitochondrial respiration. <i>Journal of Applied Physiology</i> , 2015, 119, 882-888.	2.5	33
8	Exercise intolerance in kidney diseases: physiological contributors and therapeutic strategies. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F161-F173.	2.7	32
9	The Effect of Physical Activity on Passive Leg Movement-Induced Vasodilation with Age. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1548-1557.	0.4	29
10	Vascular function assessed by passive leg movement and flow-mediated dilation: initial evidence of construct validity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1277-H1286.	3.2	25
11	Accuracy and precision of quantitative <sup>31</sup> P-MRS measurements of human skeletal muscle mitochondrial function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E358-E366.	3.5	23
12	Oral antioxidants improve leg blood flow during exercise in patients with chronic obstructive pulmonary disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H977-H985.	3.2	20
13	Nitric oxide-mediated vascular function in sepsis using passive leg movement as a novel assessment: a cross-sectional study. <i>Journal of Applied Physiology</i> , 2016, 120, 991-999.	2.5	19
14	Determinants of Cardiorespiratory Fitness Following Thoracic Radiotherapy in Lung or Breast Cancer Survivors. <i>American Journal of Cardiology</i> , 2020, 125, 988-996.	1.6	17
15	Aerobic training status does not attenuate prolonged sitting-induced lower limb vascular dysfunction. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 425-433.	1.9	15
16	Examining sex differences in sitting-induced microvascular dysfunction: Insight from acute vitamin C supplementation. <i>Microvascular Research</i> , 2021, 135, 104147.	2.5	15
17	Impact of age on the development of fatigue during large and small muscle mass exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R741-R750.	1.8	14
18	Increased C-reactive protein is associated with the severity of thoracic radiotherapy-induced cardiomyopathy. <i>Cardio-Oncology</i> , 2020, 6, 2.	1.7	13

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19	A Prior High-Intensity Exercise Bout Attenuates the Vascular Dysfunction Resulting From a Prolonged Sedentary Bout. <i>Journal of Physical Activity and Health</i> , 2019, 16, 916-924.	2.0	13
20	Exercise-induced brachial artery blood flow and vascular function is impaired in systemic sclerosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1375-H1381.	3.2	11
21	Impact of acute antioxidant supplementation on vascular function and autonomic nervous system modulation in young adults with PTSD. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R49-R61.	1.8	5
22	Influence of extracellular volume fraction on peak exercise oxygen pulse following thoracic radiotherapy. <i>Cardio-Oncology</i> , 2022, 8, 1.	1.7	5
23	Aerobic training and vascular protection: Insight from altered blood flow patterns. <i>Experimental Physiology</i> , 2019, 104, 1420-1431.	2.0	4
24	Impact of acute high-intensity interval exercise on plasma pentraxin 3 and endothelial function in obese individuals—a pilot study. <i>European Journal of Applied Physiology</i> , 2021, 121, 1567-1577.	2.5	4
25	Diastolic Dysfunction Contributes to Impaired Cardiorespiratory Fitness in Patients with Lung Cancer and Reduced Lung Function Following Chest Radiation. <i>Lung</i> , 2021, 199, 403-407.	3.3	4
26	Visceral Adiposity, Inflammation, and Testosterone Predict Skeletal Muscle Mitochondrial Mass and Activity in Chronic Spinal Cord Injury. <i>Frontiers in Physiology</i> , 2022, 13, 809845.	2.8	4
27	Examining Arm Vascular Function and Blood Flow Regulation in Row-trained Males. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2058-2066.	0.4	3
28	Low sleep efficiency does not impact upper or lower limb vascular function in young adults. <i>Experimental Physiology</i> , 2020, 105, 1373-1383.	2.0	3
29	Reliability of the passive leg movement assessment of vascular function in men. <i>Experimental Physiology</i> , 2022, 107, 541-552.	2.0	2
30	Examining Vascular Responses to Passive Movement in Premenopausal Females: Comparisons Across Sex and Menstrual Cycle Phase. <i>FASEB Journal</i> , 2022, 36, .	0.5	0