

# Stephen M Ratchford

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

383  
citations

1040056

9  
h-index

839539

18  
g-index

32  
all docs

32  
docs citations

32  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular alterations among young adults with SARS-CoV-2. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H404-H410.	3.2	121
2	COVID-19 is getting on our nerves: sympathetic neural activity and haemodynamics in young adults recovering from SARS-CoV-2. <i>Journal of Physiology</i> , 2021, 599, 4269-4285.	2.9	59
3	Carotid stiffness, intima-media thickness and aortic augmentation index among adults with SARS-CoV-2. <i>Experimental Physiology</i> , 2022, 107, 694-707.	2.0	51
4	Cardiovascular responses to rhythmic handgrip exercise in heart failure with preserved ejection fraction. <i>Journal of Applied Physiology</i> , 2020, 129, 1267-1276.	2.5	17
5	Six-month longitudinal tracking of arterial stiffness and blood pressure in young adults following SARS-CoV-2 infection. <i>Journal of Applied Physiology</i> , 2022, 132, 1297-1309.	2.5	17
6	Aspirin as a COX inhibitor and anti-inflammatory drug in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2017, 123, 1610-1616.	2.5	14
7	Impact of acute antioxidant administration on inflammation and vascular function in heart failure with preserved ejection fraction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R607-R614.	1.8	14
8	Vascular dysfunction and oxidative stress caused by acute formaldehyde exposure in female adults. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1369-H1379.	3.2	13
9	Sacubitril-valsartan improves conduit vessel function and functional capacity and reduces inflammation in heart failure with reduced ejection fraction. <i>Journal of Applied Physiology</i> , 2021, 130, 256-268.	2.5	13
10	Altered central and peripheral haemodynamics during rhythmic handgrip exercise in young adults with SARS-CoV-2. <i>Experimental Physiology</i> , 2022, 107, 708-721.	2.0	13
11	Self-reported sleep quality is associated with central hemodynamics in healthy individuals. <i>Sleep and Breathing</i> , 2020, 24, 1083-1088.	1.7	8
12	The impact of obesity on the regulation of muscle blood flow during exercise in patients with heart failure with a preserved ejection fraction. <i>Journal of Applied Physiology</i> , 2022, 132, 1240-1249.	2.5	8
13	Sympathoinhibitory effect of sacubitril-valsartan in heart failure with reduced ejection fraction: A pilot study. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 235, 102834.	2.8	7
14	Direct Assessment of Muscle Sympathetic Nerve Activity During Exercise in Heart Failure With Preserved Ejection Fraction: A Case Report. <i>Journal of Cardiac Failure</i> , 2021, 27, 114-116.	1.7	6
15	Locomotor Muscle Microvascular Dysfunction in Heart Failure With Preserved Ejection Fraction. <i>Hypertension</i> , 2021, 78, 1750-1759.	2.7	5
16	Effect of histamine-receptor antagonism on leg blood flow during exercise. <i>Journal of Applied Physiology</i> , 2020, 128, 1626-1634.	2.5	4
17	Chronic antioxidant administration restores macrovascular function in patients with heart failure with reduced ejection fraction. <i>Experimental Physiology</i> , 2020, 105, 1384-1395.	2.0	4
18	The role of endothelin A receptors in peripheral vascular control at rest and during exercise in patients with hypertension. <i>Journal of Physiology</i> , 2020, 598, 71-84.	2.9	3

#	ARTICLE	IF	CITATIONS
19	Mechanisms Of Ischemic-Preconditioning In Human Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 752-753.	0.4	2
20	Arterial stiffness and carotid distensibility following acute formaldehyde exposure in female adults. <i>Toxicology and Industrial Health</i> , 2021, 37, 535-546.	1.4	2
21	No effect of acute tetrahydrobiopterin (BH <sub>4</sub> ) supplementation on vascular dysfunction in the old. <i>Journal of Applied Physiology</i> , 2022, 132, 773-784.	2.5	2
22	Effect Of Total Knee Replacement Surgery On Skeletal Muscle Cell Signaling And Gene Expression. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 419.	0.4	0
23	Reply to Vaz. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H254-H255.	3.2	0
24	Role of Alpha $\alpha$ 1 Adrenergic Vasoconstriction in Regulating Skeletal Muscle Blood Flow during Single Leg Knee Extension Exercise with Advancing Age. <i>FASEB Journal</i> , 2018, 32, 594.5.	0.5	0
25	Sex Differences in the Sympathetic Restraint of Skeletal Muscle Blood Flow in the Human Leg Vasculature. <i>FASEB Journal</i> , 2018, 32, 594.4.	0.5	0
26	Cardiovascular Responses to Dynamic Handgrip Exercise in Patients with Heart Failure with Preserved Ejection Fraction. <i>FASEB Journal</i> , 2018, 32, 726.1.	0.5	0
27	Blood Pressure and Vascular Function in Hypertensive Individuals: Partitioning cause and effect. <i>FASEB Journal</i> , 2018, 32, 847.11.	0.5	0
28	Impact of Acute Antioxidant Administration on Inflammation and Vascular Function in Heart Failure with Preserved Ejection Fraction. <i>FASEB Journal</i> , 2019, 33, 829.9.	0.5	0
29	The Impact of Chronic Antioxidant Administration on Sympathetic Nervous System Activity and Vascular Function in Heart Failure Patients with a Reduced Ejection Fraction. <i>FASEB Journal</i> , 2019, 33, 564.4.	0.5	0
30	Vascular Function in Heart Failure Patients Implanted with a Continuous $\alpha$ Flow Left Ventricular Assist Device: Impact of Increasing Peripheral Vascular Pulsatility. <i>FASEB Journal</i> , 2019, 33, 532.16.	0.5	0
31	The Role of Endothelin $\alpha$ 1 in Exercising Blood Flow and Blood Pressure Regulation in Patients with Hypertension. <i>FASEB Journal</i> , 2019, 33, 696.11.	0.5	0
32	Impact of Salt Restriction on Central and Peripheral Hemodynamics During Exercise in Essential Hypertension: A Systematic Investigation. <i>FASEB Journal</i> , 2019, 33, 835.10.	0.5	0