# Stephen M Ratchford

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Carotid stiffness, intimaâ€“media thickness and aortic augmentation index among adults with SARSâ€CoVâ€2. Experimental Physiology, 2022, 107, 694-707. | 2.0 | 51 |
| 2 | Altered central and peripheral haemodynamics during rhythmic handgrip exercise in young adults with SARSâ€CoVâ€2. Experimental Physiology, 2022, 107, 708-721. | 2.0 | 13 |
| 3 | No effect of acute tetrahydrobiopterin (BH<sub>4</sub>) supplementation on vascular dysfunction in the old. Journal of Applied Physiology, 2022, 132, 773-784. | 2.5 | 2 |
| 4 | Six-month longitudinal tracking of arterial stiffness and blood pressure in young adults following SARS-CoV-2 infection. Journal of Applied Physiology, 2022, 132, 1297-1309. | 2.5 | 17 |
| 5 | The impact of obesity on the regulation of muscle blood flow during exercise in patients with heart failure with a preserved ejection fraction. Journal of Applied Physiology, 2022, 132, 1240-1249. | 2.5 | 8 |
| 6 | Sacubitril-valsartan improves conduit vessel function and functional capacity and reduces inflammation in heart failure with reduced ejection fraction. Journal of Applied Physiology, 2021, 130, 256-268. | 2.5 | 13 |
| 7 | Vascular alterations among young adults with SARS-CoV-2. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H404-H410. | 3.2 | 121 |
| 8 | Direct Assessment of Muscle Sympathetic Nerve Activity During Exercise in Heart Failure With Preserved Ejection Fraction: A Case Report. Journal of Cardiac Failure, 2021, 27, 114-116. | 1.7 | 6 |
| 9 | Reply to Vaz. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H254-H255. | 3.2 | 0 |
| 10 | COVIDâ€19 is getting on our nerves: sympathetic neural activity and haemodynamics in young adults recovering from SARSâ€CoVâ€2. Journal of Physiology, 2021, 599, 4269-4285. | 2.9 | 59 |
| 11 | Arterial stiffness and carotid distensibility following acute formaldehyde exposure in female adults. Toxicology and Industrial Health, 2021, 37, 535-546. | 1.4 | 2 |
| 12 | Sympathoinhibitory effect of sacubitril-valsartan in heart failure with reduced ejection fraction: A pilot study. Autonomic Neuroscience: Basic and Clinical, 2021, 235, 102834. | 2.8 | 7 |
| 13 | Locomotor Muscle Microvascular Dysfunction in Heart Failure With Preserved Ejection Fraction. Hypertension, 2021, 78, 1750-1759. | 2.7 | 5 |
| 14 | The role of endothelin A receptors in peripheral vascular control at rest and during exercise in patients with hypertension. Journal of Physiology, 2020, 598, 71-84. | 2.9 | 3 |
| 15 | Vascular dysfunction and oxidative stress caused by acute formaldehyde exposure in female adults. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H1369-H1379. | 3.2 | 13 |
| 16 | Cardiovascular responses to rhythmic handgrip exercise in heart failure with preserved ejection fraction. Journal of Applied Physiology, 2020, 129, 1267-1276. | 2.5 | 17 |
| 17 | Effect of histamine-receptor antagonism on leg blood flow during exercise. Journal of Applied Physiology, 2020, 128, 1626-1634. | 2.5 | 4 |
| 18 | Chronic antioxidant administration restores macrovascular function in patients with heart failure with reduced ejection fraction. Experimental Physiology, 2020, 105, 1384-1395. | 2.0 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Self-reported sleep quality is associated with central hemodynamics in healthy individuals. Sleep and Breathing, 2020, 24, 1083-1088. | 1.7 | 8 |
| 20 | Impact of acute antioxidant administration on inflammation and vascular function in heart failure with preserved ejection fraction. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 317, R607-R614. | 1.8 | 14 |
| 21 | Impact of Acute Antioxidant Administration on Inflammation and Vascular Function in Heart Failure with Preserved Ejection Fraction. FASEB Journal, 2019, 33, 829.9. | 0.5 | 0 |
| 22 | The Impact of Chronic Antioxidant Administration on Sympathetic Nervous System Activity and Vascular Function in Heart Failure Patients with a Reduced Ejection Fraction. FASEB Journal, 2019, 33, 564.4. | 0.5 | 0 |
| 23 | Vascular Function in Heart Failure Patients Implanted with a Continuousâ€Flow Left Ventricular Assist Device: Impact of Increasing Peripheral Vascular Pulsatility. FASEB Journal, 2019, 33, 532.16. | 0.5 | 0 |
| 24 | The Role of Endothelinâ€1 in Exercising Blood Flow and Blood Pressure Regulation in Patients with Hypertension. FASEB Journal, 2019, 33, 696.11. | 0.5 | 0 |
| 25 | Impact of Salt Restriction on Central and Peripheral Hemodynamics During Exercise in Essential Hypertension: A Systematic Investigation. FASEB Journal, 2019, 33, 835.10. | 0.5 | 0 |
| 26 | Role of Alphaâ€1 Adrenergic Vasoconstriction in Regulating Skeletal Muscle Blood Flow during Single Leg Knee Extension Exercise with Advancing Age. FASEB Journal, 2018, 32, 594.5. | 0.5 | 0 |
| 27 | Sex Differences in the Sympathetic Restraint of Skeletal Muscle Blood Flow in the Human Leg Vasculature. FASEB Journal, 2018, 32, 594.4. | 0.5 | 0 |
| 28 | Cardiovascular Responses to Dynamic Handgrip Exercise in Patients with Heart Failure with Preserved Ejection Fraction. FASEB Journal, 2018, 32, 726.1. | 0.5 | 0 |
| 29 | Blood Pressure and Vascular Function in Hypertensive Individuals: Partitioning cause and effect. FASEB Journal, 2018, 32, 847.11. | 0.5 | 0 |
| 30 | Aspirin as a COX inhibitor and anti-inflammatory drug in human skeletal muscle. Journal of Applied Physiology, 2017, 123, 1610-1616. | 2.5 | 14 |
| 31 | Effect Of Total Knee Replacement Surgery On Skeletal Muscle Cell Signaling And Gene Expression. Medicine and Science in Sports and Exercise, 2011, 43, 419. | 0.4 | 0 |
| 32 | Mechanisms Of Ischemic-Preconditioning In Human Skeletal Muscle. Medicine and Science in Sports and Exercise, 2011, 43, 752-753. | 0.4 | 2 |