

Russell S Richardson

List of Publications by Year in descending order

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Version: 2024-02-01

221
papers

7,881
citations

43973

48
h-index

64668

79
g-index

222
all docs

222
docs citations

222
times ranked

7011
citing authors

#	ARTICLE	IF	CITATIONS
1	Activating P2Y1 receptors improves function in arteries with repressed autophagy. Cardiovascular Research, 2023, 119, 252-267.	1.8	10
2	No effect of acute tetrahydrobiopterin (BH ₄) supplementation on vascular dysfunction in the old. Journal of Applied Physiology, 2022, 132, 773-784.	1.2	2
3	Reliability of the passive leg movement assessment of vascular function in men. Experimental Physiology, 2022, 107, 541-552.	0.9	2
4	Passive leg movement-induced vasodilation and exercise-induced sympathetic vasoconstriction. Autonomic Neuroscience: Basic and Clinical, 2022, 239, 102969.	1.4	3
5	Pre-fatiguing Isometric Quadriceps Exercise Impairs Contralateral Quadriceps W [™] During All-out and Not Target Torque Time to Task Failure Exercise. FASEB Journal, 2022, 36, .	0.2	0
6	Impact of O ₂ Availability on Convective and Diffusive O ₂ Transport and Skeletal Muscle Intracellular PO ₂ at VO ₂ max. FASEB Journal, 2022, 36, .	0.2	0
7	Targeting Endogenous Antioxidant Capacity to Prevent Vascular Dysfunction Induced by Limb Immobilization. FASEB Journal, 2022, 36, .	0.2	0
8	Short-term L-citrulline supplementation and macro- and microvascular function in old adults. FASEB Journal, 2022, 36, .	0.2	0
9	Persistent vascular dysfunction following an acute nonpharmacological reduction in blood pressure in hypertensive patients. Journal of Hypertension, 2022, 40, 1115-1125.	0.3	1
10	Ascorbate attenuates cycling exercise-induced neuromuscular fatigue but fails to improve exertional dyspnea and exercise tolerance in COPD. Journal of Applied Physiology, 2021, 130, 69-79.	1.2	8
11	Spinal cord injury and vascular function: evidence from diameter-matched vessels. Journal of Applied Physiology, 2021, 130, 562-570.	1.2	5
12	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.	1.2	13
13	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.	0.7	6
14	The role of the endothelium in the hyperemic response to passive leg movement: looking beyond nitric oxide. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H668-H678.	1.5	9
15	Vascular function in continuous-flow left ventricular assist device recipients: effect of a single pulsatility treatment session. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R425-R437.	0.9	2
16	The dynamic adjustment of mean arterial pressure during exercise: a potential tool for discerning cardiovascular health status. Journal of Applied Physiology, 2021, 130, 1544-1554.	1.2	4
17	Skeletal muscle mitochondrial adaptations induced by long-term cigarette smoke exposure. American Journal of Physiology - Endocrinology and Metabolism, 2021, 321, E80-E89.	1.8	15
18	The passive leg movement technique for assessing vascular function: the impact of baseline blood flow. Experimental Physiology, 2021, 106, 2133-2147.	0.9	4

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19	Acute high-intensity exercise and skeletal muscle mitochondrial respiratory function: role of metabolic perturbation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R687-R698.	0.9	3
20	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.	1.4	7
21	Exercise training in COPD: muscle O ₂ transport plasticity. <i>European Respiratory Journal</i> , 2021, 58, 2004146.	3.1	6
22	On the implication of dietary nitrate supplementation for the hemodynamic and fatigue response to cycling exercise. <i>Journal of Applied Physiology</i> , 2021, 131, 1691-1700.	1.2	8
23	Locomotor Muscle Microvascular Dysfunction in Heart Failure With Preserved Ejection Fraction. <i>Hypertension</i> , 2021, 78, 1750-1759.	1.3	5
24	The "double whammy" of a continuous-flow left ventricular assist device on von Willebrand factor. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 910-915.	0.4	4
25	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.	1.3	3
26	Determinants of the diminished exercise capacity in patients with chronic obstructive pulmonary disease: looking beyond the lungs. <i>Journal of Physiology</i> , 2020, 598, 599-610.	1.3	26
27	Nitric oxide synthase inhibition with N(G)-monomethyl-L-arginine: Determining the window of effect in the human vasculature. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 104-105, 51-60.	1.2	3
28	The muscle reflex and chemoreflex interaction: ventilatory implications for the exercising human. <i>Journal of Applied Physiology</i> , 2020, 129, 691-700.	1.2	9
29	Imaging transcranial Doppler ultrasound to measure middle cerebral artery blood flow: the importance of measuring vessel diameter. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R33-R42.	0.9	18
30	Chronic antioxidant administration restores macrovascular function in patients with heart failure with reduced ejection fraction. <i>Experimental Physiology</i> , 2020, 105, 1384-1395.	0.9	4
31	Vasodilatory and vascular mitochondrial respiratory function with advancing age: evidence of a free radically mediated link in the human vasculature. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R701-R711.	0.9	13
32	Skeletal Muscle Mitochondrial Adaptations to Maximal Strength Training in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 2269-2277.	1.7	10
33	Passive leg movement in chronic obstructive pulmonary disease: evidence of locomotor muscle vascular dysfunction. <i>Journal of Applied Physiology</i> , 2020, 128, 1402-1411.	1.2	5
34	Exercise Capacity in Mechanically Supported Advanced Heart Failure Patients: It Is All About the Beat. <i>ASAIO Journal</i> , 2020, 66, 339-342.	0.9	6
35	The female menstrual cycle: impact on cardiovascular, ventilatory and neuromuscular responses to whole body exercise. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	1
36	The passive leg movement technique for assessing vascular function: defining the distribution of blood flow and the impact of occluding the lower leg. <i>Experimental Physiology</i> , 2019, 104, 1575-1584.	0.9	5

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37	Influence of dietary inorganic nitrate on blood pressure and vascular function in hypertension: prospective implications for adjunctive treatment. <i>Journal of Applied Physiology</i> , 2019, 127, 1085-1094.	1.2	20
38	Physiological Impact and Clinical Relevance of Passive Exercise/Movement. <i>Sports Medicine</i> , 2019, 49, 1365-1381.	3.1	27
39	Exercise Pressor Reflex Contributes to the Cardiovascular Abnormalities Characterizing Hypertension, 2019, 74, 1468-1475.	1.3	15
40	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.	0.9	14
41	Pharmacological attenuation of group III/IV muscle afferents improves endurance performance when oxygen delivery to locomotor muscles is preserved. <i>Journal of Applied Physiology</i> , 2019, 127, 1257-1266.	1.2	31
42	Reply to Drouin and Tschakovsky. <i>Journal of Applied Physiology</i> , 2019, 126, 797-797.	1.2	0
43	Strong Relationship Between Vascular Function in the Coronary and Brachial Arteries. <i>Hypertension</i> , 2019, 74, 208-215.	1.3	63
44	Delineating the age-related attenuation of vascular function: Evidence supporting the efficacy of the single passive leg movement as a screening tool. <i>Journal of Applied Physiology</i> , 2019, 126, 1525-1532.	1.2	8
45	Skeletal Muscle Fiber Size and Gene Expression in the Oldest-Old With Differing Degrees of Mobility. <i>Frontiers in Physiology</i> , 2019, 10, 313.	1.3	18
46	Vasodilatory function in human skeletal muscle feed arteries with advancing age: the role of adropin. <i>Journal of Physiology</i> , 2019, 597, 1791-1804.	1.3	19
47	Elevated arterial shear rate increases indexes of endothelial cell autophagy and nitric oxide synthase activation in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H106-H112.	1.5	36
48	Induced Trf2 deletion leads to aging vascular phenotype in mice associated with arterial telomere uncapping, senescence signaling, and oxidative stress. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 127, 74-82.	0.9	24
49	Vascular Dysfunction in Chronic Obstructive Pulmonary Disease (COPD): The Role of Mitochondrial-derived Oxidative Stress. <i>FASEB Journal</i> , 2019, 33, 527.10.	0.2	3
50	Impact of Acute Dietary Nitrate Supplementation on Exercise Blood Flow in Hypertension: Does Medication Status Matter?. <i>FASEB Journal</i> , 2019, 33, 696.17.	0.2	0
51	The role of enzyme and substrate dependence in NO-mediated vascular dysfunction with aging. <i>FASEB Journal</i> , 2019, 33, 683.4.	0.2	0
52	Evidence for an Age-associated Impairment of Exercise-induced Autophagy and eNOS Activation in Primary Arterial Endothelial Cells from Humans. <i>FASEB Journal</i> , 2019, 33, 696.2.	0.2	0
53	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.	0.2	0
54	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.	0.2	0

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55	Vascular Function in Heart Failure Patients Implanted with a Continuous-Flow Left Ventricular Assist Device: Impact of Increasing Peripheral Vascular Pulsatility. <i>FASEB Journal</i> , 2019, 33, 532.16.	0.2	0
56	The Role of Endothelin-1 in Exercising Blood Flow and Blood Pressure Regulation in Patients with Hypertension. <i>FASEB Journal</i> , 2019, 33, 696.11.	0.2	0
57	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.	0.2	0
58	Determinants of Peak Oxygen Uptake in Patients with Chronic Obstructive Pulmonary Disease: Looking Beyond the Lungs. <i>FASEB Journal</i> , 2019, 33, 696.9.	0.2	0
59	Skeletal Muscle Function in the Oldest-Old: The Role of Intrinsic and Extrinsic Factors. <i>Exercise and Sport Sciences Reviews</i> , 2018, 46, 188-194.	1.6	31
60	Identifying the role of group III/IV muscle afferents in the carotid baroreflex control of mean arterial pressure and heart rate during exercise. <i>Journal of Physiology</i> , 2018, 596, 1373-1384.	1.3	27
61	Increased skeletal muscle mitochondrial free radical production in peripheral arterial disease despite preserved mitochondrial respiratory capacity. <i>Experimental Physiology</i> , 2018, 103, 838-850.	0.9	29
62	Impaired Muscle Efficiency but Preserved Peripheral Hemodynamics and Mitochondrial Function With Advancing Age: Evidence From Exercise in the Young, Old, and Oldest-Old. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1303-1312.	1.7	16
63	Sex-specific impact of aging on the blood pressure response to exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H95-H104.	1.5	27
64	Acute High-Intensity Exercise Impairs Skeletal Muscle Respiratory Capacity. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2409-2417.	0.2	34
65	Acute and chronic exercise in patients with heart failure with reduced ejection fraction: evidence of structural and functional plasticity and intact angiogenic signalling in skeletal muscle. <i>Journal of Physiology</i> , 2018, 596, 5149-5161.	1.3	26
66	Vascular mitochondrial respiratory function: the impact of advancing age. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1660-H1669.	1.5	17
67	Attenuated nitric oxide bioavailability in systemic sclerosis: Evidence from the novel assessment of passive leg movement. <i>Experimental Physiology</i> , 2018, 103, 1412-1424.	0.9	4
68	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.	0.9	14
69	Altered skeletal muscle mitochondrial phenotype in COPD: disease vs. disuse. <i>Journal of Applied Physiology</i> , 2018, 124, 1045-1053.	1.2	24
70	Oxygen availability and skeletal muscle oxidative capacity in patients with peripheral artery disease: implications from in vivo and in vitro assessments. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H897-H909.	1.5	32
71	Fatigue-related group III/IV muscle afferent feedback facilitates intracortical inhibition during locomotor exercise. <i>Journal of Physiology</i> , 2018, 596, 4789-4801.	1.3	64
72	Sex Differences in the Sympathetic Restraint of Skeletal Muscle Blood Flow in the Human Leg Vasculature. <i>FASEB Journal</i> , 2018, 32, 594.4.	0.2	0

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73	Mitochondrial respiratory function in the vasculature with advancing age: Examining the link to vasodilatory dysfunction.. FASEB Journal, 2018, 32, 578.2.	0.2	0
74	Cardiovascular Responses to Dynamic Handgrip Exercise in Patients with Heart Failure with Preserved Ejection Fraction. FASEB Journal, 2018, 32, 726.1.	0.2	0
75	Blood Pressure and Vascular Function in Hypertensive Individuals: Partitioning cause and effect. FASEB Journal, 2018, 32, 847.11.	0.2	0
76	Mechanisms of Age-Related Compensatory Vasodilation: Insight from Passive Leg Movement. FASEB Journal, 2018, 32, 726.7.	0.2	0
77	Delineating the age-related attenuation of vascular function: evidence supporting the efficacy of single passive leg movement.. FASEB Journal, 2018, 32, 578.6.	0.2	0
78	Aging and Endothelial Dysfunction: The Role of NADPH Oxidase and the Insufficient Inhibition by PKG. FASEB Journal, 2018, 32, 703.6.	0.2	0
79	Influence of altered physical activity on vascular function in older adults: A divergent impact on the conduit and microvascular systems. FASEB Journal, 2018, 32, 713.1.	0.2	0
80	Decline in conduit artery function across the healthy human adult lifespan: influence of successful aging. FASEB Journal, 2018, 32, 578.5.	0.2	0
81	The Impact of Acute Tetrahydrobiopterin Administration on Plasma Adropin Concentration in Patients with Systemic Sclerosis. FASEB Journal, 2018, 32, 902.20.	0.2	0
82	Peripheral vascular function, oxygen delivery and utilization: the impact of oxidative stress in aging and heart failure with reduced ejection fraction. Heart Failure Reviews, 2017, 22, 149-166.	1.7	28
83	Impact of maximal strength training on work efficiency and muscle fiber type in the elderly: Implications for physical function and fall prevention. Experimental Gerontology, 2017, 91, 64-71.	1.2	42
84	Vascular function and endothelin-1: tipping the balance between vasodilation and vasoconstriction. Journal of Applied Physiology, 2017, 122, 354-360.	1.2	55
85	Oxygen delivery and the restoration of the muscle energetic balance following exercise: implications for delayed muscle recovery in patients with COPD. American Journal of Physiology - Endocrinology and Metabolism, 2017, 313, E94-E104.	1.8	9
86	CORP: Ultrasound assessment of vascular function with the passive leg movement technique. Journal of Applied Physiology, 2017, 123, 1708-1720.	1.2	66
87	TRPV ₁ channels in human skeletal muscle feed arteries: implications for vascular function. Experimental Physiology, 2017, 102, 1245-1258.	0.9	21
88	Bioenergetics and ATP Synthesis during Exercise. Medicine and Science in Sports and Exercise, 2017, 49, 2404-2413.	0.2	23
89	Group III/IV locomotor muscle afferents alter motor cortical and corticospinal excitability and promote central fatigue during cycling exercise. Clinical Neurophysiology, 2017, 128, 44-55.	0.7	92
90	Age-Associated ALU Element Instability in White Blood Cells Is Linked to Lower Survival in Elderly Adults: A Preliminary Cohort Study. PLoS ONE, 2017, 12, e0169628.	1.1	5

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91	Single passive leg movement-induced hyperemia: a simple vascular function assessment without a chronotropic response. <i>Journal of Applied Physiology</i> , 2017, 122, 28-37.	1.2	28
92	Single passive leg movement assessment of vascular function: contribution of nitric oxide. <i>Journal of Applied Physiology</i> , 2017, 123, 1468-1476.	1.2	33
93	Acute oral tetrahydrobiopterin administration ameliorates endothelial dysfunction in systemic sclerosis. <i>Clinical and Experimental Rheumatology</i> , 2017, 35 Suppl 106, 167-172.	0.4	6
94	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.	0.2	29
95	The Mechanoreflex and Hemodynamic Response to Passive Leg Movement in Heart Failure. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 368-376.	0.2	44
96	Group III/IV muscle afferents limit the intramuscular metabolic perturbation during whole body exercise in humans. <i>Journal of Physiology</i> , 2016, 594, 5303-5315.	1.3	127
97	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.	1.5	11
98	Age-related changes in skeletal muscle function: the sum of the parts could be greater than the whole. <i>Journal of Applied Physiology</i> , 2016, 121, 1234-1234.	1.2	2
99	Evidence of Glycolysis Up-Regulation and Pyruvate Mitochondrial Oxidation Mismatch During Mechanical Unloading of the Failing Human Heart. <i>JACC Basic To Translational Science</i> , 2016, 1, 432-444.	1.9	105
100	Fatigue diminishes motoneuronal excitability during cycling exercise. <i>Journal of Neurophysiology</i> , 2016, 116, 1743-1751.	0.9	39
101	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.	1.2	19
102	Exercise training improves vascular mitochondrial function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H821-H829.	1.5	35
103	Accuracy and precision of quantitative ³¹ P-MRS measurements of human skeletal muscle mitochondrial function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E358-E366.	1.8	23
104	Experimental reduction of miR-92a mimics arterial aging. <i>Experimental Gerontology</i> , 2016, 83, 165-170.	1.2	23
105	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.	1.5	25
106	Mitochondrial function in heart failure: The impact of ischemic and non-ischemic etiology. <i>International Journal of Cardiology</i> , 2016, 220, 711-717.	0.8	15
107	Impact of age on the vasodilatory function of human skeletal muscle feed arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H217-H225.	1.5	32
108	Evidence of microvascular dysfunction in heart failure with preserved ejection fraction. <i>Heart</i> , 2016, 102, 278-284.	1.2	90

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109	Ascorbic acid improves brachial artery vasodilation during progressive handgrip exercise in the elderly through a nitric oxide-mediated mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H765-H774.	1.5	24
110	Regulation of exercise blood flow: Role of free radicals. <i>Free Radical Biology and Medicine</i> , 2016, 98, 90-102.	1.3	57
111	Impaired skeletal muscle vasodilation during exercise in heart failure with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2016, 211, 14-21.	0.8	52
112	Age-related arterial telomere uncapping and senescence is greater in women compared with men. <i>Experimental Gerontology</i> , 2016, 73, 65-71.	1.2	12
113	Evidence of a metabolic reserve in the skeletal muscle of elderly people. <i>Aging</i> , 2016, 9, 52-67.	1.4	9
114	Passive leg movement-induced vasodilation in women: the impact of age. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H995-H1002.	1.5	15
115	Aging alters muscle reflex control of autonomic cardiovascular responses to rhythmic contractions in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1479-H1489.	1.5	30
116	Less peripheral fatigue after prior exercise is not evidence against the regulation of the critical peripheral fatigue threshold. <i>Journal of Applied Physiology</i> , 2015, 119, 1520-1520.	1.2	10
117	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.	1.5	20
118	The role of nitric oxide in passive leg movement-induced vasodilatation with age: insight from alterations in femoral perfusion pressure. <i>Journal of Physiology</i> , 2015, 593, 3917-3928.	1.3	43
119	MRS Evidence of Adequate O ₂ Supply in Human Skeletal Muscle at the Onset of Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2299-2307.	0.2	32
120	Response. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2481-2482.	0.2	0
121	Heart failure and movement-induced hemodynamics: Partitioning the impact of central and peripheral dysfunction. <i>International Journal of Cardiology</i> , 2015, 178, 232-238.	0.8	33
122	Passive leg movement and nitric oxide-mediated vascular function: the impact of age. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H672-H679.	1.5	61
123	Endothelin-A-Mediated Vasoconstriction During Exercise With Advancing Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 554-565.	1.7	40
124	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.	1.2	33
125	Impact of age on exercise-induced ATP supply during supramaximal plantar flexion in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R378-R388.	0.9	13
126	Further Peripheral Vascular Dysfunction in Heart Failure Patients With a Continuous-Flow Left Ventricular Assist Device. <i>JACC: Heart Failure</i> , 2015, 3, 703-711.	1.9	83

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127	Evidence of Preserved Oxidative Capacity and Oxygen Delivery in the Plantar Flexor Muscles With Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1067-1076.	1.7	18
128	The role of muscle mass in exercise-induced hyperemia. <i>Journal of Applied Physiology</i> , 2014, 116, 1204-1209.	1.2	22
129	Hemodynamic responses to small muscle mass exercise in heart failure patients with reduced ejection fraction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1512-H1520.	1.5	33
130	The validity of anthropometric leg muscle volume estimation across a wide spectrum: From able-bodied adults to individuals with a spinal cord injury. <i>Journal of Applied Physiology</i> , 2014, 116, 1142-1147.	1.2	44
131	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.	0.9	61
132	<i>In vivo</i> evidence of an age-related increase in ATP cost of contraction in the plantar flexor muscles. <i>Clinical Science</i> , 2014, 126, 581-592.	1.8	34
133	The skeletal muscle microcirculation: if this is the hippodrome for the chariots of vasoactivity, who is the charioteer?. <i>Experimental Physiology</i> , 2014, 99, 78-79.	0.9	0
134	Group III/IV muscle afferents impair limb blood in patients with chronic heart failure. <i>International Journal of Cardiology</i> , 2014, 174, 368-375.	0.8	75
135	Vascular Dysfunction and Chronic Obstructive Pulmonary Disease. <i>Hypertension</i> , 2014, 63, 459-467.	1.3	70
136	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.	1.5	97
137	Spinal μ -opioid receptor-sensitive lower limb muscle afferents determine corticospinal responsiveness and promote central fatigue in upper limb muscle. <i>Journal of Physiology</i> , 2014, 592, 5011-5024.	1.3	94
138	The impact of ageing on adipose structure, function and vasculature in the B6D2F1 mouse: evidence of significant multisystem dysfunction. <i>Journal of Physiology</i> , 2014, 592, 4083-4096.	1.3	54
139	Exercise-training-induced changes in metabolic capacity with age: the role of central cardiovascular plasticity. <i>Age</i> , 2014, 36, 665-676.	3.0	44
140	Nrf2 deficiency promotes apoptosis and impairs PAX7/MyoD expression in aging skeletal muscle cells. <i>Free Radical Biology and Medicine</i> , 2014, 71, 402-414.	1.3	66
141	Peripheral vascular function in heart failure patients with preserved ejection fraction (1156.4). <i>FASEB Journal</i> , 2014, 28, 1156.4.	0.2	0
142	Evidence of impaired vasodilation during exercise in heart failure with preserved ejection fraction (1156.3). <i>FASEB Journal</i> , 2014, 28, 1156.3.	0.2	1
143	Altered mitochondrial function in epididymal adipose tissue with advancing age (960.6). <i>FASEB Journal</i> , 2014, 28, 960.6.	0.2	0
144	Reduced muscle oxidative capacity is independent of O ₂ availability in elderly people. <i>Age</i> , 2013, 35, 1183-1192.	3.0	25

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145	Taming the "sleeping giant": the role of endothelin-1 in the regulation of skeletal muscle blood flow and arterial blood pressure during exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H162-H169.	1.5	32
146	Ascorbate infusion increases skeletal muscle fatigue resistance in patients with chronic obstructive pulmonary disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R1163-R1170.	0.9	29
147	Peripheral fatigue limits endurance exercise via a sensory feedback-mediated reduction in spinal motoneuronal output. <i>Journal of Applied Physiology</i> , 2013, 115, 355-364.	1.2	159
148	Contribution of nitric oxide to brachial artery vasodilation during progressive handgrip exercise in the elderly. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R893-R899.	0.9	21
149	Mitochondrial function and increased convective O ₂ transport: implications for the assessment of mitochondrial respiration in vivo. <i>Journal of Applied Physiology</i> , 2013, 115, 803-811.	1.2	21
150	Does Brachial Artery Flow-Mediated Vasodilation Provide a Bioassay for NO?. <i>Hypertension</i> , 2013, 62, 345-351.	1.3	56
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