

Michael J Joyner

List of Publications by Year in descending order

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Version: 2024-02-01

552
papers

23,677
citations

7551

77
h-index

12910

131
g-index

571
all docs

571
docs citations

571
times ranked

22695
citing authors

#	ARTICLE	IF	CITATIONS
1	Endurance exercise performance: the physiology of champions. <i>Journal of Physiology</i> , 2008, 586, 35-44.	1.3	759
2	Integrative Biology of Exercise. <i>Cell</i> , 2014, 159, 738-749.	13.5	753
3	Deployment of convalescent plasma for the prevention and treatment of COVID-19. <i>Journal of Clinical Investigation</i> , 2020, 130, 2757-2765.	3.9	649
4	Nitric oxide and neurally mediated regulation of skin blood flow during local heating. <i>Journal of Applied Physiology</i> , 2001, 91, 1619-1626.	1.2	586
5	Endurance Exercise as a Countermeasure for Aging. <i>Diabetes</i> , 2008, 57, 2933-2942.	0.3	493
6	Regulation of Increased Blood Flow (Hyperemia) to Muscles During Exercise: A Hierarchy of Competing Physiological Needs. <i>Physiological Reviews</i> , 2015, 95, 549-601.	13.1	493
7	Exercise benefits in cardiovascular disease: beyond attenuation of traditional risk factors. <i>Nature Reviews Cardiology</i> , 2018, 15, 731-743.	6.1	449
8	Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 1015-1027.	13.9	438
9	Influence of the Menstrual Cycle on Sympathetic Activity, Baroreflex Sensitivity, and Vascular Transduction in Young Women. <i>Circulation</i> , 2000, 101, 862-868.	1.6	424
10	Early safety indicators of COVID-19 convalescent plasma in 5000 patients. <i>Journal of Clinical Investigation</i> , 2020, 130, 4791-4797.	3.9	386
11	Exercise protects the cardiovascular system: effects beyond traditional risk factors. <i>Journal of Physiology</i> , 2009, 587, 5551-5558.	1.3	367
12	Safety Update. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1888-1897.	1.4	364
13	Exercise Attenuates the Major Hallmarks of Aging. <i>Rejuvenation Research</i> , 2015, 18, 57-89.	0.9	275
14	Postural Tachycardia Syndrome (POTS). <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 352-358.	0.8	272
15	Sex Differences in Sympathetic Neural-Hemodynamic Balance. <i>Hypertension</i> , 2009, 53, 571-576.	1.3	264
16	Sex and ageing differences in resting arterial pressure regulation: the role of the β_2 -adrenergic receptors. <i>Journal of Physiology</i> , 2011, 589, 5285-5297.	1.3	258
17	Contribution of nitric oxide and prostaglandins to reactive hyperemia in the human forearm. <i>Journal of Applied Physiology</i> , 1996, 81, 1807-1814.	1.2	231
18	Exercise and cardiovascular risk reduction: Time to update the rationale for exercise?. <i>Journal of Applied Physiology</i> , 2008, 105, 766-768.	1.2	222

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19	Clinical neurocardiology defining the value of neuroscience-based cardiovascular therapeutics. <i>Journal of Physiology</i> , 2016, 594, 3911-3954.	1.3	222
20	VO2max Trainability and High Intensity Interval Training in Humans: A Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e73182.	1.1	216
21	Reduced leg blood flow during dynamic exercise in older endurance-trained men. <i>Journal of Applied Physiology</i> , 1998, 85, 68-75.	1.2	197
22	The Effects of the Alveolar Recruitment Maneuver and Positive End-Expiratory Pressure on Arterial Oxygenation During Laparoscopic Bariatric Surgery. <i>Anesthesia and Analgesia</i> , 2006, 102, 298-305.	1.1	191
23	Beneficial effects of GLP-1 on endothelial function in humans: dampening by glyburide but not by glimepiride. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1289-E1295.	1.8	190
24	Seven Questions for Personalized Medicine. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 999.	3.8	188
25	Skeletal muscle mass and the reduction of $\dot{V}E_{\text{max}}$ in trained older subjects. <i>Journal of Applied Physiology</i> , 1997, 82, 1411-1415.	1.2	163
26	Aging and Forearm Postjunctional α_1 -Adrenergic Vasoconstriction in Healthy Men. <i>Circulation</i> , 2002, 106, 1349-1354.	1.6	157
27	Sympathetic Nervous System and Blood Pressure in Humans. <i>Hypertension</i> , 2010, 56, 10-16.	1.3	157
28	Local inhibition of nitric oxide and prostaglandins independently reduces forearm exercise hyperaemia in humans. <i>Journal of Physiology</i> , 2004, 557, 599-611.	1.3	155
29	Is sympathetic neural vasoconstriction blunted in the vascular bed of exercising human muscle?. <i>Journal of Physiology</i> , 2002, 541, 623-635.	1.3	152
30	Sex differences and blood pressure regulation in humans. <i>Experimental Physiology</i> , 2016, 101, 349-355.	0.9	150
31	Association of Convalescent Plasma Therapy With Survival in Patients With Hematologic Cancers and COVID-19. <i>JAMA Oncology</i> , 2021, 7, 1167.	3.4	149
32	Nitric oxide and vasodilation in human limbs. <i>Journal of Applied Physiology</i> , 1997, 83, 1785-1796.	1.2	147
33	From Belfast to Mayo and beyond: the use and future of plethysmography to study blood flow in human limbs. <i>Journal of Applied Physiology</i> , 2001, 91, 2431-2441.	1.2	146
34	Effects of nitric oxide synthase inhibition on cutaneous vasodilation during body heating in humans. <i>Journal of Applied Physiology</i> , 1998, 85, 830-834.	1.2	144
35	Effect of systemic nitric oxide synthase inhibition on postexercise hypotension in humans. <i>Journal of Applied Physiology</i> , 2000, 89, 1830-1836.	1.2	140
36	Blunted Sympathetic Vasoconstriction in Contracting Skeletal Muscle of Healthy Humans: is Nitric Oxide Obligatory?. <i>Journal of Physiology</i> , 2003, 553, 281-292.	1.3	135

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37	Sex, ageing and resting blood pressure: gaining insights from the integrated balance of neural and haemodynamic factors. <i>Journal of Physiology</i> , 2012, 590, 2069-2079.	1.3	135
38	Effects of Pioglitazone Versus Glipizide on Body Fat Distribution, Body Water Content, and Hemodynamics in Type 2 Diabetes. <i>Diabetes Care</i> , 2006, 29, 510-514.	4.3	133
39	An Obligation for Primary Care Physicians to Prescribe Physical Activity to Sedentary Patients to Reduce the Risk of Chronic Health Conditions. <i>Mayo Clinic Proceedings</i> , 2002, 77, 165-173.	1.4	129
40	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1262-1275.	1.4	129
41	Men Are More Likely than Women to Slow in the Marathon. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 607-616.	0.2	124
42	Energy Expenditure and Activity of Transfemoral Amputees Using Mechanical and Microprocessor-Controlled Prosthetic Knees. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1380-1385.	0.5	121
43	Physiological Limiting Factors and Distance Running. <i>Exercise and Sport Sciences Reviews</i> , 1993, 21, 103-114.	1.6	118
44	A sympathetic view of the sympathetic nervous system and human blood pressure regulation. <i>Experimental Physiology</i> , 2008, 93, 715-724.	0.9	118
45	Regulation of blood pressure by the arterial baroreflex and autonomic nervous system. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 117, 89-102.	1.0	116
46	Effects of regional phentolamine on hypoxic vasodilatation in healthy humans. <i>Journal of Physiology</i> , 2001, 537, 613-621.	1.3	115
47	Forearm sympathetic withdrawal and vasodilatation during mental stress in humans. <i>Journal of Physiology</i> , 1997, 504, 211-220.	1.3	114
48	Sympathetic Activity and Baroreflex Sensitivity in Young Women Taking Oral Contraceptives. <i>Circulation</i> , 2000, 102, 1473-1476.	1.6	113
49	Measurement of limb venous compliance in humans: technical considerations and physiological findings. <i>Journal of Applied Physiology</i> , 1999, 87, 1555-1563.	1.2	110
50	Ageing reduces nitric-oxide- and prostaglandin-mediated vasodilatation in exercising humans. <i>Journal of Physiology</i> , 2007, 579, 227-236.	1.3	110
51	Compensatory vasodilatation during hypoxic exercise: mechanisms responsible for matching oxygen supply to demand. <i>Journal of Physiology</i> , 2012, 590, 6321-6326.	1.3	110
52	Influence of age and gender on cardiac output- \dot{V}_{E2} relationships during submaximal cycle ergometry. <i>Journal of Applied Physiology</i> , 1998, 84, 599-605.	1.2	105
53	Effects of atropine and α -NAME on cutaneous blood flow during body heating in humans. <i>Journal of Applied Physiology</i> , 2000, 88, 467-472.	1.2	105
54	Nitric oxide contributes to the augmented vasodilatation during hypoxic exercise. <i>Journal of Physiology</i> , 2010, 588, 373-385.	1.3	105

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55	Evolution evolves: physiology returns to centre stage. <i>Journal of Physiology</i> , 2014, 592, 2237-2244.	1.3	102
56	Impaired modulation of sympathetic \hat{I} -adrenergic vasoconstriction in contracting forearm muscle of ageing men. <i>Journal of Physiology</i> , 2005, 567, 311-321.	1.3	100
57	Cardiovascular Regulation During Apnea in Elite Divers. <i>Hypertension</i> , 2009, 53, 719-724.	1.3	99
58	Physiologic considerations for exercise performance in women. <i>Clinics in Chest Medicine</i> , 2004, 25, 247-255.	0.8	97
59	Autonomic control of body temperature and blood pressure: influences of female sex hormones. <i>Clinical Autonomic Research</i> , 2017, 27, 149-155.	1.4	96
60	Physiological limits to endurance exercise performance: influence of sex. <i>Journal of Physiology</i> , 2017, 595, 2949-2954.	1.3	95
61	Effects of respiratory muscle work on blood flow distribution during exercise in heart failure. <i>Journal of Physiology</i> , 2010, 588, 2487-2501.	1.3	92
62	Influence of age and sex on the pressor response following a spontaneous burst of muscle sympathetic nerve activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2419-H2427.	1.5	92
63	Deconditioning in patients with orthostatic intolerance. <i>Neurology</i> , 2012, 79, 1435-1439.	1.5	92
64	Cerebrovascular reactivity is associated with maximal aerobic capacity in healthy older adults. <i>Journal of Applied Physiology</i> , 2013, 114, 1383-1387.	1.2	90
65	A Randomized Trial of Convalescent Plasma for COVID-19â€”Potentially Hopeful Signals. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 455.	3.8	90
66	Ageing Enhances Autonomic Support of Blood Pressure in Women. <i>Hypertension</i> , 2014, 63, 303-308.	1.3	89
67	What Happens When Underperforming Big Ideas in Research Become Entrenched?. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1355.	3.8	89
68	Promises, promises, and precision medicine. <i>Journal of Clinical Investigation</i> , 2019, 129, 946-948.	3.9	89
69	Angiotensin-Converting Enzyme Genotype Modulates Pulmonary Function and Exercise Capacity in Treated Patients With Congestive Stable Heart Failure. <i>Circulation</i> , 2002, 106, 1794-1799.	1.6	88
70	Blood Substitutes. <i>Anesthesia and Analgesia</i> , 1996, 82, 390-405.	1.1	87
71	Baroreceptor function during exercise: resetting the record. <i>Experimental Physiology</i> , 2006, 91, 27-36.	0.9	85
72	Quantifying sympathetic neuroâ€œhaemodynamic transduction at rest in humans: insights into sex, ageing and blood pressure control. <i>Journal of Physiology</i> , 2016, 594, 4753-4768.	1.3	85

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73	Excessive heart rate response to orthostatic stress in postural tachycardia syndrome is not caused by anxiety. <i>Journal of Applied Physiology</i> , 2007, 102, 896-903.	1.2	83
74	β_2 -Adrenergic receptor polymorphism and nitric oxide-dependent forearm blood flow responses to isoproterenol in humans. <i>Journal of Physiology</i> , 2003, 546, 583-589.	1.3	82
75	Influences of hydration on post-exercise cardiovascular control in humans. <i>Journal of Physiology</i> , 2003, 552, 635-644.	1.3	82
76	Exercise hyperaemia: is anything obligatory but the hyperaemia?. <i>Journal of Physiology</i> , 2007, 583, 855-860.	1.3	82
77	Reductions in central venous pressure by lower body negative pressure or blood loss elicit similar hemodynamic responses. <i>Journal of Applied Physiology</i> , 2014, 117, 131-141.	1.2	80
78	α_1 - and α_2 -adrenergic vasoconstriction is blunted in contracting human muscle. <i>Journal of Physiology</i> , 2003, 547, 971-976.	1.3	80
79	Combined NO and PG inhibition augments β -adrenergic vasoconstriction in contracting human skeletal muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H2576-H2584.	1.5	79
80	Age-Related Differences in the Sympathetic-Hemodynamic Balance in Men. <i>Hypertension</i> , 2009, 54, 127-133.	1.3	78
81	Ovarian Cycle and Sympathoexcitation in Premenopausal Women. <i>Hypertension</i> , 2013, 61, 395-399.	1.3	78
82	Assessment of resistance vessel function in human skeletal muscle: guidelines for experimental design, Doppler ultrasound, and pharmacology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H301-H325.	1.5	78
83	POTS versus deconditioning: the same or different?. <i>Clinical Autonomic Research</i> , 2008, 18, 300-307.	1.4	76
84	Ten questions about systems biology. <i>Journal of Physiology</i> , 2011, 589, 1017-1030.	1.3	76
85	Local control of skeletal muscle blood flow during exercise: influence of available oxygen. <i>Journal of Applied Physiology</i> , 2011, 111, 1527-1538.	1.2	75
86	Sex differences in large conducting airway anatomy. <i>Journal of Applied Physiology</i> , 2018, 125, 960-965.	1.2	75
87	Neural Control of the Circulation: How Sex and Age Differences Interact in Humans. , 2015, 5, 193-215.		74
88	Aging Is Associated With Reduced Prostacyclin-Mediated Dilation in the Human Forearm. <i>Hypertension</i> , 2009, 53, 973-978.	1.3	71
89	Sympathetic β_1 -adrenergic signaling contributes to regulation of human bone metabolism. <i>Journal of Clinical Investigation</i> , 2018, 128, 4832-4842.	3.9	71
90	Arg16Gly polymorphism of the β_2 -adrenergic receptor is associated with differences in cardiovascular function at rest and during exercise in humans. <i>Journal of Physiology</i> , 2006, 571, 121-130.	1.3	70

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91	Baroreflex Sensitivity Inversely Correlates With Ambulatory Blood Pressure in Healthy Normotensive Humans. <i>Hypertension</i> , 2007, 50, 41-46.	1.3	70
92	Use of convalescent plasma in COVID-19 patients with immunosuppression. <i>Transfusion</i> , 2021, 61, 2503-2511.	0.8	70
93	Relationship Between Muscle Sympathetic Nerve Activity and Aortic Wave Reflection Characteristics in Young Men and Women. <i>Hypertension</i> , 2011, 57, 421-427.	1.3	69
94	Influence of locomotor muscle afferent inhibition on the ventilatory response to exercise in heart failure. <i>Experimental Physiology</i> , 2014, 99, 414-426.	0.9	68
95	Ergogenic Effect of Nitrate Supplementation: A Systematic Review and Meta-analysis. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2250-2261.	0.2	66
96	Hyperoxia blunts counterregulation during hypoglycaemia in humans: possible role for the carotid bodies?. <i>Journal of Physiology</i> , 2010, 588, 4593-4601.	1.3	65
97	Muscle blood flow, hypoxia, and hypoperfusion. <i>Journal of Applied Physiology</i> , 2014, 116, 852-857.	1.2	64
98	Neurovascular control of blood pressure is influenced by aging, sex, and sex hormones. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1271-R1275.	0.9	64
99	COVID-19 Convalescent Plasma and Clinical Trials: Understanding Conflicting Outcomes. <i>Clinical Microbiology Reviews</i> , 2022, 35, e0020021.	5.7	64
100	Sympathetic withdrawal and forearm vasodilation during vasovagal syncope in humans. <i>Journal of Applied Physiology</i> , 1997, 82, 1785-1793.	1.2	63
101	Effects of chronic sympathectomy on vascular function in the human forearm. <i>Journal of Applied Physiology</i> , 2002, 92, 2019-2025.	1.2	63
102	β_1 -Adrenergic Control of Skeletal Muscle Circulation at Rest and During Exercise in Aging Humans. <i>Microcirculation</i> , 2006, 13, 329-341.	1.0	62
103	The Principles of Antibody Therapy for Infectious Diseases with Relevance for COVID-19. <i>MBio</i> , 2021, 12, .	1.8	62
104	Postjunctional α_1 -Adrenoceptors and basal limb vascular tone in healthy men. <i>Journal of Physiology</i> , 2002, 540, 1103-1110.	1.3	59
105	Nitric oxide and muscle blood flow in exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 151-160.	0.9	59
106	Cardiac Baroreflex Sensitivity Is Not Correlated to Sympathetic Baroreflex Sensitivity Within Healthy, Young Humans. <i>Hypertension</i> , 2010, 56, 1118-1123.	1.3	59
107	Relationship of Sympathetic Activity to Bone Microstructure, Turnover, and Plasma Osteopontin Levels in Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4219-4227.	1.8	59
108	Skeletal muscle vasodilatation during sympathoexcitation is not neurally mediated in humans. <i>Journal of Physiology</i> , 2000, 525, 253-262.	1.3	58

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109	Selective α_2 -adrenergic properties of dexmedetomidine over clonidine in the human forearm. <i>Journal of Applied Physiology</i> , 2005, 99, 587-592.	1.2	58
110	Effects of chronic sympathectomy on locally mediated cutaneous vasodilation in humans. <i>Journal of Applied Physiology</i> , 2002, 92, 685-690.	1.2	56
111	Impact of Aging on Conduit Artery Retrograde and Oscillatory Shear at Rest and During Exercise. <i>Hypertension</i> , 2011, 57, 484-489.	1.3	56
112	SARS-CoV-2 viral load and antibody responses: the case for convalescent plasma therapy. <i>Journal of Clinical Investigation</i> , 2020, 130, 5112-5114.	3.9	56
113	Failure of Systemic Hypoxia to Blunt α_2 -Adrenergic Vasoconstriction in the Human Forearm. <i>Journal of Physiology</i> , 2003, 549, 985-994.	1.3	54
114	Aging decreases expression and activity of glutathione peroxidase-1 in human endothelial progenitor cells. <i>Microvascular Research</i> , 2009, 78, 447-452.	1.1	54
115	Reflex responses to regional venous pooling during lower body negative pressure in humans. <i>Journal of Applied Physiology</i> , 1998, 84, 454-458.	1.2	53
116	Cyclooxygenase inhibition abolishes age-related differences in cerebral vasodilator responses to hypercapnia. <i>Journal of Applied Physiology</i> , 2012, 112, 1884-1890.	1.2	53
117	Reduced stroke volume during exercise in postural tachycardia syndrome. <i>Journal of Applied Physiology</i> , 2007, 103, 1128-1135.	1.2	52
118	Oral Contraceptive Use, Muscle Sympathetic Nerve Activity, and Systemic Hemodynamics in Young Women. <i>Hypertension</i> , 2015, 66, 590-597.	1.3	51
119	Effects of strict prolonged bed rest on cardiorespiratory fitness: systematic review and meta-analysis. <i>Journal of Applied Physiology</i> , 2017, 123, 790-799.	1.2	51
120	Contribution of nitric oxide in the contraction-induced rapid vasodilation in young and older adults. <i>Journal of Applied Physiology</i> , 2013, 115, 446-455.	1.2	50
121	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. <i>Frontiers in Medicine</i> , 2021, 8, 684151.	1.2	50
122	Muscle blood flow during exercise: the limits of reductionism. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 1036-1040.	0.2	50
123	Effect of Exercise on Arterial Compliance. <i>Circulation</i> , 2000, 102, 1214-1215.	1.6	49
124	Exercise intensity-dependent contribution of α_2 -adrenergic receptor-mediated vasodilatation in hypoxic humans. <i>Journal of Physiology</i> , 2008, 586, 1195-1205.	1.3	49
125	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors. <i>Nature Communications</i> , 2021, 12, 4864.	5.8	49
126	The Arg16/Gly α_2 -adrenergic receptor polymorphism is associated with altered cardiovascular responses to isometric exercise. <i>Physiological Genomics</i> , 2004, 16, 323-328.	1.0	48

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127	Arg16/Gly β 2-adrenergic receptor polymorphism alters the cardiac output response to isometric exercise. <i>Journal of Applied Physiology</i> , 2005, 99, 1776-1781.	1.2	48
128	Influence of Locomotor Muscle Metaboreceptor Stimulation on the Ventilatory Response to Exercise in Heart Failure. <i>Circulation: Heart Failure</i> , 2010, 3, 212-219.	1.6	47
129	Hysteresis in the sympathetic baroreflex: role of baseline nerve activity. <i>Journal of Physiology</i> , 2011, 589, 3395-3404.	1.3	47
130	Pharmacotherapy in Older Adults with Cardiovascular Disease: Report from an American College of Cardiology, American Geriatrics Society, and National Institute on Aging Workshop. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 371-380.	1.3	47
131	SARS-CoV-2 variants and convalescent plasma: reality, fallacies, and opportunities. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	47
132	β 2-Receptor agonist activity of phenylephrine in the human forearm. <i>Journal of Applied Physiology</i> , 2001, 90, 1855-1859.	1.2	46
133	β 1-Adrenergic Vasoconstriction Contributes to the Age-Related Increase in Conduit Artery Retrograde and Oscillatory Shear. <i>Hypertension</i> , 2012, 60, 1016-1022.	1.3	46
134	Influence of sympathetic nerve activity on aortic hemodynamics and pulse wave velocity in women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H340-H346.	1.5	46
135	Reduced submaximal leg blood flow after high-intensity aerobic training. <i>Journal of Applied Physiology</i> , 2001, 91, 2619-2627.	1.2	45
136	Influence of β 2 -Adrenergic Receptor Genotype on Airway Function During Exercise in Healthy Adults. <i>Chest</i> , 2006, 129, 762-770.	0.4	45
137	Systemic hypoxia and vasoconstrictor responsiveness in exercising human muscle. <i>Journal of Applied Physiology</i> , 2006, 101, 1343-1350.	1.2	44
138	The effect of liraglutide on endothelial function in patients with type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , 2014, 11, 419-430.	0.9	43
139	Access to and safety of COVID-19 convalescent plasma in the United States Expanded Access Program: A national registry study. <i>PLoS Medicine</i> , 2021, 18, e1003872.	3.9	43
140	Three hours of intermittent hypoxia increases circulating glucose levels in healthy adults. <i>Physiological Reports</i> , 2017, 5, e13106.	0.7	42
141	Concepts About $\dot{V}E$ ™O2max and Trainability Are Context Dependent. <i>Exercise and Sport Sciences Reviews</i> , 2018, 46, 138-143.	1.6	42
142	Convalescent plasma with a high level of virus-specific antibody effectively neutralizes SARS-CoV-2 variants of concern. <i>Blood Advances</i> , 2022, 6, 3678-3683.	2.5	42
143	Genetic variation of the β 2-adrenergic receptor is associated with differences in lung fluid accumulation in humans. <i>Journal of Applied Physiology</i> , 2007, 102, 2172-2178.	1.2	41
144	Sex and vasodilator responses to hypoxia at rest and during exercise. <i>Journal of Applied Physiology</i> , 2014, 116, 927-936.	1.2	41

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145	Mimicking exercise: what matters most and where to next?. <i>Journal of Physiology</i> , 2021, 599, 791-802.	1.3	41
146	Exogenous NO administration and $\hat{1}\pm$ -adrenergic vasoconstriction in human limbs. <i>Journal of Applied Physiology</i> , 2003, 95, 2370-2374.	1.2	40
147	Genotype Related Differences in $\hat{1}2$ Adrenergic Receptor Density and Cardiac Function. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 882-886.	0.2	40
148	Aging Alters the Relative Contributions of the Sympathetic and Parasympathetic Nervous System to Blood Pressure Control in Women. <i>Hypertension</i> , 2018, 72, 1236-1242.	1.3	40
149	Polygenic Risk Scores That Predict Common Diseases Using Millions of Single Nucleotide Polymorphisms: Is More, Better?. <i>Clinical Chemistry</i> , 2019, 65, 609-611.	1.5	40
150	<scp>COVID</scp>-19 convalescent plasma: Interim recommendations from the <scp>AABB</scp>. <i>Transfusion</i> , 2021, 61, 1313-1323.	0.8	40
151	Cardiorespiratory effects of inelastic chest wall restriction. <i>Journal of Applied Physiology</i> , 2002, 92, 2419-2428.	1.2	39
152	Technological advances in elite marathon performance. <i>Journal of Applied Physiology</i> , 2021, 130, 2002-2008.	1.2	39
153	Agonist-dependent variability of contributions of nitric oxide and prostaglandins in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2005, 98, 1251-1257.	1.2	38
154	Sex differences in $\hat{1}\pm$ -adrenergic support of blood pressure. <i>Clinical Autonomic Research</i> , 2010, 20, 271-275.	1.4	38
155	Ageing reduces the compensatory vasodilatation during hypoxic exercise: the role of nitric oxide. <i>Journal of Physiology</i> , 2011, 589, 1477-1488.	1.3	38
156	Convalescent plasma use in the USA was inversely correlated with COVID-19 mortality. <i>ELife</i> , 2021, 10, .	2.8	38
157	Vasovagal Syncope and Skeletal Muscle Vasodilatation: The Continuing Conundrum. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1997, 20, 775-780.	0.5	36
158	Closer to the edge? Contractions, pressures, waterfalls and blood flow to contracting skeletal muscle. <i>Journal of Applied Physiology</i> , 2003, 94, 3-5.	1.2	36
159	Influence of $\hat{1}\pm$ -adrenergic vasoconstriction on the blunted skeletal muscle contraction-induced rapid vasodilation with aging. <i>Journal of Applied Physiology</i> , 2012, 113, 1201-1212.	1.2	36
160	Bimodal distribution of vasodilator responsiveness to adenosine due to difference in nitric oxide contribution: implications for exercise hyperemia. <i>Journal of Applied Physiology</i> , 2006, 101, 492-499.	1.2	35
161	Is precision medicine the route to a healthy world?. <i>Lancet, The</i> , 2015, 385, 1617.	6.3	35
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