

Michael J Joyner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5810692/publications.pdf>

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	Filling in the Spaces in Cardiovascular Epidemiology. <i>Epidemiology</i> , 2022, 33, 34-36.	1.2	0
2	Vax-Plasma in Patients With Refractory COVID-19. <i>Mayo Clinic Proceedings</i> , 2022, 97, 186-189.	1.4	15
3	Concerns about estimating relative risk of death associated with convalescent plasma for COVID-19. <i>Nature Medicine</i> , 2022, 28, 51-52.	15.2	4
4	Convalescent plasma for COVID-19. TSUNAMI is not the final word. <i>European Journal of Internal Medicine</i> , 2022, 97, 116-118.	1.0	4
5	Coagulation profile of human COVID-19 convalescent plasma. <i>Scientific Reports</i> , 2022, 12, 637.	1.6	4
6	Are convalescent plasma stocks collected during former COVID-19 waves still effective against current SARS-CoV-2 variants?. <i>Vox Sanguinis</i> , 2022, 117, 641-646.	0.7	8
7	WHO covid-19 drugs guideline: reconsider using convalescent plasma. <i>BMJ, The</i> , 2022, 376, o295.	3.0	6
8	Convalescent plasma to deliver therapeutic antibodies against COVID-19. <i>Trends in Molecular Medicine</i> , 2022, 28, 435-436.	3.5	3
9	The fossilization of randomized clinical trials. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	8
10	AI-Enabled Advanced Development for Assessing Low Circulating Blood Volume for Emergency Medical Care: Comparison of Compensatory Reserve Machine-Learning Algorithms. <i>Sensors</i> , 2022, 22, 2642.	2.1	5
11	COVID-19 Convalescent Plasma and Clinical Trials: Understanding Conflicting Outcomes. <i>Clinical Microbiology Reviews</i> , 2022, 35, e0020021.	5.7	64
12	Early administration of COVID-19 convalescent plasma with high titer antibody content by live viral neutralization assay is associated with modest clinical efficacy. <i>American Journal of Hematology</i> , 2022, 97, 770-779.	2.0	9
13	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
14	Finding evidence for treatment decisions in a pandemic. <i>Trends in Molecular Medicine</i> , 2022, 28, 536-541.	3.5	3
15	Central hemodynamic response during submaximal and exhaustive exercise in humans with high affinity hemoglobin and compensatory polycythemia. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
16	Embracing a curiosity-driven approach in the microneurographic exploration of the human vagus nerves. <i>Journal of Physiology</i> , 2022, 600, 3009-3010.	1.3	0
17	Muscle oxygenation during normoxic and hypoxic cycling exercise in humans with high-affinity haemoglobin. <i>Experimental Physiology</i> , 2022, 107, 854-863.	0.9	2
18	Limited Correlation between SARS-CoV-2 Serologic Assays for Identification of High-Titer COVID-19 Convalescent Plasma Using FDA Thresholds. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	7

#	ARTICLE	IF	CITATIONS
19	Central cardiovascular system limits to aerobic capacity. <i>Experimental Physiology</i> , 2021, 106, 2299-2303.	0.9	11
20	Body position does not influence muscle oxygenation during submaximal cycling. <i>Translational Sports Medicine</i> , 2021, 4, 193-203.	0.5	1
21	Experiments of nature and within species comparative physiology. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 253, 110864.	0.8	6
22	In Reply "Micro-Thrombosis, Perfusion Defects, and Worsening Oxygenation in COVID-19 Patients: A Word of Caution on the Use of Convalescent Plasma. <i>Mayo Clinic Proceedings</i> , 2021, 96, 259-261.	1.4	3
23	Sex-related differences in rapid-onset vasodilation: impact of aging. <i>Journal of Applied Physiology</i> , 2021, 130, 206-214.	1.2	6
24	Mimicking exercise: what matters most and where to next?. <i>Journal of Physiology</i> , 2021, 599, 791-802.	1.3	41
25	The use of observational research to inform clinical practice. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	4
26	Convalescent Plasma for Infectious Diseases: Historical Framework and Use in COVID-19. <i>Clinical Microbiology Newsletter</i> , 2021, 43, 23-32.	0.4	29
27	A systematic review of adherence to physical activity interventions in individuals with type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3444.	1.7	23
28	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
29	SARS-CoV-2 Seroprevalence and Symptom Onset in Culturally Linked Orthodox Jewish Communities Across Multiple Regions in the United States. <i>JAMA Network Open</i> , 2021, 4, e212816.	2.8	28
30	COVID-19 convalescent plasma: Interim recommendations from the AABB. <i>Transfusion</i> , 2021, 61, 1313-1323.	0.8	40
31	The Oxygen Cascade During Exercise in Health and Disease. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1017-1032.	1.4	16
32	Sex-based limits to running speed in the human, horse and dog: The role of sexual dimorphisms. <i>FASEB Journal</i> , 2021, 35, e21562.	0.2	6
33	The Principles of Antibody Therapy for Infectious Diseases with Relevance for COVID-19. <i>MBio</i> , 2021, 12, .	1.8	62
34	SARS-CoV-2 variants and convalescent plasma: reality, fallacies, and opportunities. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	47
35	Liver transplantation for acute liver failure in a SARS-CoV-2 PCR-positive patient. <i>American Journal of Transplantation</i> , 2021, 21, 2890-2894.	2.6	23
36	Technological advances in elite marathon performance. <i>Journal of Applied Physiology</i> , 2021, 130, 2002-2008.	1.2	39

#	ARTICLE	IF	CITATIONS
37	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
38	Use of convalescent plasma in COVID-19 patients with immunosuppression. <i>Transfusion</i> , 2021, 61, 2503-2511.	0.8	70
39	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. <i>Frontiers in Medicine</i> , 2021, 8, 684151.	1.2	50
40	Convalescent plasma use in the USA was inversely correlated with COVID-19 mortality. <i>ELife</i> , 2021, 10, .	2.8	38
41	Take a Deep, Resisted, Breath. <i>Journal of the American Heart Association</i> , 2021, 10, e022203.	1.6	2
42	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
43	COVID-19 Convalescent Plasma Is More than Neutralizing Antibodies: A Narrative Review of Potential Beneficial and Detrimental Co-Factors. <i>Viruses</i> , 2021, 13, 1594.	1.5	31
44	In Reply "How Safe Is COVID-19 Convalescent Plasma?". <i>Mayo Clinic Proceedings</i> , 2021, 96, 2281-2282.	1.4	5
45	The impact of ageing and sex on sympathetic neurocirculatory regulation. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 72-81.	2.3	15
46	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
47	Association of Varying Clinical Manifestations and Positive Anti-SARS-CoV-2 IgG Antibodies: A Cross-Sectional Observational Study. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 3331-3338.e2.	2.0	9
48	Impact of Pharmacologically Left Shifting the Oxygen-Hemoglobin Dissociation Curve on Arterial Blood Gases and Pulmonary Gas Exchange During Maximal Exercise in Hypoxia. <i>High Altitude Medicine and Biology</i> , 2021, 22, 249-262.	0.5	8
49	HLA Antibody Rates Are Not Increased in a Regional Group of Male COVID-19 Convalescent Plasma Donors. <i>Mayo Clinic Proceedings</i> , 2021, 96, 2727-2728.	1.4	3
50	Measurement of muscle blood flow and O2 uptake via near-infrared spectroscopy using a novel occlusion protocol. <i>Scientific Reports</i> , 2021, 11, 918.	1.6	11
51	Neutralizing Antibody LY-CoV555 for Outpatient Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 189-189.	13.9	12
52	Simple Bodyweight Training Improves Cardiorespiratory Fitness with Minimal Time Commitment: A Contemporary Application of the 5BX Approach. <i>International Journal of Exercise Science</i> , 2021, 14, 93-100.	0.5	1
53	Influence of High Hemoglobin-Oxygen Affinity on Humans During Hypoxia. <i>Frontiers in Physiology</i> , 2021, 12, 763933.	1.3	19
54	The Role of Disease Severity and Demographics in the Clinical Course of COVID-19 Patients Treated With Convalescent Plasma. <i>Frontiers in Medicine</i> , 2021, 8, 707895.	1.2	3

#	ARTICLE	IF	CITATIONS
55	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
56	Human papillomavirus (HPV) vaccine and autonomic disorders: a position statement from the American Autonomic Society. <i>Clinical Autonomic Research</i> , 2020, 30, 13-18.	1.4	15
57	Cardiorespiratory Fitness and Brain Volumes. <i>Mayo Clinic Proceedings</i> , 2020, 95, 6-8.	1.4	5
58	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
59	Influence of high affinity haemoglobin on the response to normoxic and hypoxic exercise. <i>Journal of Physiology</i> , 2020, 598, 1475-1490.	1.3	31
60	Lifelong Endurance Exercise as a Countermeasure Against Age-Related \dot{V}_{O_2} Decline: Physiological Overview and Insights from Masters Athletes. <i>Sports Medicine</i> , 2020, 50, 703-716.	3.1	35
61	Response to: Human papillomavirus (HPV) vaccine safety concerning POTS, CRPS and related conditions. <i>Clinical Autonomic Research</i> , 2020, 30, 183-184.	1.4	1
62	Efficacy of Electrical Baroreflex Activation Is Independent of Peripheral Chemoreceptor Modulation. <i>Hypertension</i> , 2020, 75, 257-264.	1.3	16
63	Rapid-onset vasodilator responses to exercise in humans: Effect of increased baseline blood flow. <i>Experimental Physiology</i> , 2020, 105, 88-95.	0.9	2
64	Role of the carotid chemoreceptors in insulin-mediated sympathoexcitation in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R173-R181.	0.9	12
65	Bronchopulmonary dysplasia patients have preserved CT-measured central airway luminal area. <i>Respiratory Medicine</i> , 2020, 170, 106071.	1.3	1
66	Recruitment Strategy for Potential COVID-19 Convalescent Plasma Donors. <i>Mayo Clinic Proceedings</i> , 2020, 95, 2343-2349.	1.4	4
67	The Assessment of Convalescent Plasma Efficacy against COVID-19. <i>Med</i> , 2020, 1, 66-77.	2.2	17
68	Respiratory muscle work influences locomotor convective and diffusive oxygen transport in human heart failure during exercise. <i>Physiological Reports</i> , 2020, 8, e14484.	0.7	8
69	Safety Update. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1888-1897.	1.4	364
70	Divergence in Timing and Magnitude of Testosterone Levels Between Male and Female Youths. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 99.	3.8	18
71	Locomotor muscle group III/IV afferents constrain stroke volume and contribute to exercise intolerance in human heart failure. <i>Journal of Physiology</i> , 2020, 598, 5379-5390.	1.3	24
72	Implications of Coronavirus Disease 2019 (COVID-19) Antibody Dynamics for Immunity and Convalescent Plasma Therapy. <i>Clinical Infectious Diseases</i> , 2020, 73, e540-e542.	2.9	5

#	ARTICLE	IF	CITATIONS
73	In Reply "Limitations of Safety Update on Convalescent Plasma Transfusion in COVID-19 Patients. Mayo Clinic Proceedings, 2020, 95, 2802-2803.	1.4	18
74	Effects of an allosteric hemoglobin affinity modulator on arterial blood gases and cardiopulmonary responses during normoxic and hypoxic low-intensity exercise. Journal of Applied Physiology, 2020, 128, 1467-1476.	1.2	10
75	Greater Influence of Aerobic Fitness on Autonomic Support of Blood Pressure in Young Women Than in Older Women. Hypertension, 2020, 75, 1497-1504.	1.3	8
76	Aortic Hemodynamics and Cognitive Performance in Postmenopausal Women: Impact of Pregnancy History. American Journal of Hypertension, 2020, 33, 756-764.	1.0	7
77	Physical activity is associated with accelerated gastric emptying and increased ghrelin in obesity. Neurogastroenterology and Motility, 2020, 32, e13879.	1.6	10
78	Ergogenic Effect of Nitrate Supplementation: A Systematic Review and Meta-analysis. Medicine and Science in Sports and Exercise, 2020, 52, 2250-2261.	0.2	66
79	A Randomized Trial of Convalescent Plasma for COVID-19 "Potentially Hopeful Signals. JAMA - Journal of the American Medical Association, 2020, 324, 455.	3.8	90
80	Reply from P. Dominelli, C. Wiggins, S. E. Baker, J. R. A. Shepherd, S. Roberts, T. K. Roy, T. Curry, J. Hoyer, J. L. Oliveira and M. J. Joyner. Journal of Physiology, 2020, 598, 3533-3534.	1.3	1
81	Strength-Endurance Training Classes. Mayo Clinic Proceedings, 2020, 95, 437-439.	1.4	3
82	Forearm vasodilatation to a β_2 adrenergic receptor agonist in premenopausal and postmenopausal women. Experimental Physiology, 2020, 105, 886-892.	0.9	12
83	Metabolic and mechanoreceptor expression in human heart failure: Relationships with the locomotor muscle afferent influence on exercise responses. Experimental Physiology, 2020, 105, 809-818.	0.9	16
84	Warm-up exercise in human type 2 diabetes: is high-intensity exercise required?. Journal of Applied Physiology, 2020, 128, 225-226.	1.2	1
85	Physiology and fast marathons. Journal of Applied Physiology, 2020, 128, 1065-1068.	1.2	35
86	Human papillomavirus (HPV) vaccine and autonomic disorders: a position statement from the American Autonomic Society. Autonomic Neuroscience: Basic and Clinical, 2020, 223, 102550.	1.4	6
87	Sex differences in paediatric airway anatomy. Experimental Physiology, 2020, 105, 721-731.	0.9	21
88	Last Word on Viewpoint: Physiology and fast marathons. Journal of Applied Physiology, 2020, 128, 1086-1087.	1.2	4
89	Deployment of convalescent plasma for the prevention and treatment of COVID-19. Journal of Clinical Investigation, 2020, 130, 2757-2765.	3.9	649
90	SARS-CoV-2 viral load and antibody responses: the case for convalescent plasma therapy. Journal of Clinical Investigation, 2020, 130, 5112-5114.	3.9	56

#	ARTICLE	IF	CITATIONS
91	Early safety indicators of COVID-19 convalescent plasma in 5000 patients. <i>Journal of Clinical Investigation</i> , 2020, 130, 4791-4797.	3.9	386
92	A Novel Method to Measure Transient Impairments in Cognitive Function During Acute Bouts of Hypoxia. <i>Aerospace Medicine and Human Performance</i> , 2020, 91, 839-844.	0.2	5
93	Comment on: "Sex Dimorphism of $V_{O_{2\max}}$ Trainability: A Systematic Review and Meta-analysis". <i>Sports Medicine</i> , 2020, 50, 1047-1048.	3.1	2
94	Skeletal Muscle Endurance And Oxygen Uptake Kinetics During Cycling In Patients With High Affinity Hemoglobin. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 207-207.	0.2	0
95	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
96	Comment on "polygenic scores: A public health hazard?". <i>Progress in Biophysics and Molecular Biology</i> , 2019, 149, 9.	1.4	1
97	Can microbes increase exercise performance in athletes?. <i>Nature Reviews Endocrinology</i> , 2019, 15, 629-630.	4.3	2
98	Asynchronous action potential discharge in human muscle sympathetic nerve activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H754-H764.	1.5	10
99	Modelling the relationships between haemoglobin oxygen affinity and the oxygen cascade in humans. <i>Journal of Physiology</i> , 2019, 597, 4193-4202.	1.3	22
100	Genetic Approaches for Sports Performance: How Far Away Are We?. <i>Sports Medicine</i> , 2019, 49, 199-204.	3.1	20
101	Dissociating the effects of oxygen pressure and content on the control of breathing and acute hypoxic response. <i>Journal of Applied Physiology</i> , 2019, 127, 1622-1631.	1.2	14
102	Hypertrophic cardiomyopathy and exercise: a need for more information. <i>Journal of Physiology</i> , 2019, 597, 1225-1226.	1.3	0
103	Effective Lowering of Cholesterol With Portfolio Diet in a Highly Trained Young Man. <i>Mayo Clinic Proceedings</i> , 2019, 94, 363-364.	1.4	0
104	Case Studies in Physiology: Temporal changes in determinants of aerobic performance in individual going from alpine skier to world junior champion time trial cyclist. <i>Journal of Applied Physiology</i> , 2019, 127, 306-311.	1.2	16
105	Physiological comparison of hemorrhagic shock and $\dot{V}O_{2\max}$: A conceptual framework for defining the limitation of oxygen delivery. <i>Experimental Biology and Medicine</i> , 2019, 244, 690-701.	1.1	11
106	Record-Breaking Performance in a 70-Year-Old Marathoner. <i>New England Journal of Medicine</i> , 2019, 380, 1485-1486.	13.9	14
107	Active compression garment prevents tilt-induced orthostatic tachycardia in humans. <i>Physiological Reports</i> , 2019, 7, e14050.	0.7	9
108	Depression Depresses Vasodilation. <i>Circulation Research</i> , 2019, 124, 465-466.	2.0	1

#	ARTICLE	IF	CITATIONS
109	The historical context and scientific legacy of John O. Holloszy. <i>Journal of Applied Physiology</i> , 2019, 127, 277-305.	1.2	9
110	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
111	Sustained exercise hyperemia during prolonged adenosine infusion in humans. <i>Physiological Reports</i> , 2019, 7, e14009.	0.7	1
112	Sex differences in youth elite swimming. <i>PLoS ONE</i> , 2019, 14, e0225724.	1.1	26
113	Augmented cerebral blood velocity in response to isometric handgrip exercise in women with a history of preeclampsia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R834-R839.	0.9	3
114	Cardiovascular Disease Prevention at a Crossroads. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2281.	3.8	9
115	Limits to the Evidence that DNA Sequence Differences Contribute to Variability in Fitness and Trainability. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1786-1789.	0.2	13
116	Walking in the Fast Lane: High-Intensity Walking for Improved Fitness and Health Outcomes. <i>Mayo Clinic Proceedings</i> , 2019, 94, 2378-2380.	1.4	0
117	Out-running "bad" diets: beyond weight loss there is clear evidence of the benefits of physical activity. <i>British Journal of Sports Medicine</i> , 2019, 53, 854-855.	3.1	7
118	Promises, promises, and precision medicine. <i>Journal of Clinical Investigation</i> , 2019, 129, 946-948.	3.9	89
119	The Effects of Age and Cyclooxygenase Inhibition on the Cerebrovascular Response to a Metabolic Stimulus. <i>FASEB Journal</i> , 2019, 33, 528.9.	0.2	0
120	Breaking3: Performance Characteristics Of A Sub-three-hour Septuagenarian Marathoner. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 311-311.	0.2	0
121	Effect of acute hypoxemia on cerebral blood flow velocity control during lower body negative pressure. <i>Physiological Reports</i> , 2018, 6, e13594.	0.7	8
122	Caffeine: A Not So Stiff Drink. <i>Mayo Clinic Proceedings</i> , 2018, 93, 558-559.	1.4	1
123	Role of the carotid body chemoreceptors in glucose homeostasis and thermoregulation in humans. <i>Journal of Physiology</i> , 2018, 596, 3079-3085.	1.3	28
124	What's in a name: are menopausal "hot flashes" a symptom of menopause or a manifestation of neurovascular dysregulation?. <i>Menopause</i> , 2018, 25, 700-703.	0.8	21
125	Physiological Redundancy and the Integrative Responses to Exercise. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a029660.	2.9	9
126	Phosphodiesterase-5 inhibition preserves exercise-onset vasodilator kinetics when NOS activity is reduced. <i>Journal of Applied Physiology</i> , 2018, 124, 276-282.	1.2	6

#	ARTICLE	IF	CITATIONS
127	Effects of intravenous low-dose dopamine infusion on glucose regulation during prolonged aerobic exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 314, R49-R57.	0.9	8
128	Cerebrovascular Reactivity and Vascular Activation in Postmenopausal Women With Histories of Preeclampsia. <i>Hypertension</i> , 2018, 71, 110-117.	1.3	24
129	Editors' Introduction to the Special Issue. <i>Perspectives in Biology and Medicine</i> , 2018, 61, 467-471.	0.3	0
130	Stockwell Transform Detector For Photoplethysmography Signal Segmentation. , 2018, , .		2
131	Biological Reductionism versus Redundancy in a Degenerate World. <i>Perspectives in Biology and Medicine</i> , 2018, 61, 517-526.	0.3	2
132	Blood pressure reactivity at onset of mental stress determines sympathetic vascular response in young adults. <i>Physiological Reports</i> , 2018, 6, e13944.	0.7	11
133	The role of the paravertebral ganglia in human sympathetic neural discharge patterns. <i>Journal of Physiology</i> , 2018, 596, 4497-4510.	1.3	11
134	Ageing 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
135	Elevated extracellular potassium prior to muscle contraction reduces onset and steady-state exercise hyperemia in humans. <i>Journal of Applied Physiology</i> , 2018, 125, 615-623.	1.2	7
136	Nitric Oxide, Normal Science, and Lessons Learned by a Marginally Prepared Mind. <i>Perspectives in Biology and Medicine</i> , 2018, 61, 191-200.	0.3	0
137	Sex differences in large conducting airway anatomy. <i>Journal of Applied Physiology</i> , 2018, 125, 960-965.	1.2	75
138	Insulin increases ventilation during euglycemia in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R84-R89.	0.9	17
139	Pharmacological assessment of the contribution of the arterial baroreflex to sympathetic discharge patterns in healthy humans. <i>Journal of Neurophysiology</i> , 2018, 119, 2166-2175.	0.9	13
140	Exercise benefits in cardiovascular disease: beyond attenuation of traditional risk factors. <i>Nature Reviews Cardiology</i> , 2018, 15, 731-743.	6.1	449
141	Early blood pressure response to isometric exercise is attenuated in obese individuals who have undergone bariatric surgery. <i>Journal of Applied Physiology</i> , 2018, 124, 960-969.	1.2	5
142	Concepts About $\dot{V}E^{\text{TM}}O_2\text{max}$ and Trainability Are Context Dependent. <i>Exercise and Sport Sciences Reviews</i> , 2018, 46, 138-143.	1.6	42
143	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
144	Cerebrovascular Reactivity in Habitually Exercising Healthy Adults. <i>FASEB Journal</i> , 2018, 32, 722.29.	0.2	0

#	ARTICLE	IF	CITATIONS
145	The Efficacy of Electrical Baroreflex Activation Therapy is Independent of Peripheral Chemoreceptor Modulation. <i>FASEB Journal</i> , 2018, 32, 884.6.	0.2	0
146	Sympathetic Neurohemodynamic Transduction at Rest in Subjects with Low and High Tolerance to Simulated Blood Loss. <i>FASEB Journal</i> , 2018, 32, lb266.	0.2	0
147	Underperforming Big Ideas in Biomedical Research—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 322.	3.8	2
148	Three hours of intermittent hypoxia increases circulating glucose levels in healthy adults. <i>Physiological Reports</i> , 2017, 5, e13106.	0.7	42
149	Exercise medicine education should be expanded. <i>British Journal of Sports Medicine</i> , 2017, 51, 625-626.	3.1	8
150	Direct-to-Consumer Testing. <i>Clinical Chemistry</i> , 2017, 63, 635-641.	1.5	10
151	Exercise and trainability: contexts and consequences. <i>Journal of Physiology</i> , 2017, 595, 3239-3240.	1.3	8
152	V_{O_2} kinetics associated with moderate-intensity exercise in heart failure: impact of intrathecal fentanyl inhibition of group III/IV locomotor muscle afferents. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H114-H124.	1.5	11
153	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
154	Neural control of blood pressure in women: differences according to age. <i>Clinical Autonomic Research</i> , 2017, 27, 157-165.	1.4	10
155	Comparison of the vasodilatory effects of sodium nitroprusside vs. nitroglycerin. <i>Journal of Applied Physiology</i> , 2017, 123, 402-406.	1.2	16
156	Sympatholytic effect of intravascular ATP is independent of nitric oxide, prostaglandins, Na^+/K^+ -ATPase and K^+ channels in humans. <i>Journal of Physiology</i> , 2017, 595, 5175-5190.	1.3	35
157	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
158	Aortic hemodynamics and white matter hyperintensities in normotensive postmenopausal women. <i>Journal of Neurology</i> , 2017, 264, 938-945.	1.8	24
159	Physiological limits to endurance exercise performance: influence of sex. <i>Journal of Physiology</i> , 2017, 595, 2949-2954.	1.3	95
160	Potential of the NO-cGMP pathway and blood flow responses during dynamic exercise in healthy humans. <i>European Journal of Applied Physiology</i> , 2017, 117, 237-246.	1.2	6
161	Erythropoietin on cycling performance. <i>Lancet Haematology</i> , 2017, 4, e459-e460.	2.2	2
162	The 2-hour marathon: what do students think?. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2017, 41, 522-525.	0.8	2

#	ARTICLE	IF	CITATIONS
163	Resting sympathetic activity is associated with the sympathetically mediated component of energy expenditure following a meal. <i>Physiological Reports</i> , 2017, 5, e13389.	0.7	6
164	Sympathetic responsiveness is not increased in women with a history of hypertensive pregnancy. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 312, R49-R54.	0.9	9
165	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
166	Impact of sleep disordered breathing on carotid body size. <i>Respiratory Physiology and Neurobiology</i> , 2017, 236, 5-10.	0.7	6
167	Acute cyclooxygenase inhibition and baroreflex sensitivity in lean and obese adults. <i>Clinical Autonomic Research</i> , 2017, 27, 17-23.	1.4	10
168	Bengt Saltin and exercise physiology: a perspective. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 101-103.	0.9	2
169	Aortic hemodynamics in postmenopausal women following cessation of hormone therapy. <i>Physiological Reports</i> , 2017, 5, e13535.	0.7	5
170	Physiological Mechanisms Mediating the Coupling between Heart Period and Arterial Pressure in Response to Postural Changes in Humans. <i>Frontiers in Physiology</i> , 2017, 8, 163.	1.3	34
171	The effects of slow-paced versus mechanically assisted breathing on autonomic function in fibromyalgia patients. <i>Journal of Pain Research</i> , 2017, Volume 10, 2761-2768.	0.8	3
172	Intact blood pressure, but not sympathetic, responsiveness to sympathoexcitatory stimuli in a patient with unilateral carotid body resection. <i>Physiological Reports</i> , 2017, 5, e13212.	0.7	5
173	Enhanced Coupling Within Gonadotropic and Adrenocorticotrophic Axes by Moderate Exercise in Healthy Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2482-2490.	1.8	6
174	Epinephrine Does Not Influence Baroreflex Sensitivity During Lower Body Negative Pressure to Physiological Tolerance. <i>FASEB Journal</i> , 2017, 31, .	0.2	0
175	Long Term Effects of Menopausal Hormone Therapy on Cerebral Pulsatility Index. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 342-343.	0.2	2
176	Fast men slow more than fast women in a 10 kilometer road race. <i>PeerJ</i> , 2016, 4, e2235.	0.9	29
177	Sex differences and blood pressure regulation in humans. <i>Experimental Physiology</i> , 2016, 101, 349-355.	0.9	150
178	Preclinical and clinical evaluation of autonomic function in humans. <i>Journal of Physiology</i> , 2016, 594, 4009-4013.	1.3	23
179	Instrument to detect syncope and the onset of shock. <i>Proceedings of SPIE</i> , 2016, 9708, .	0.8	5
180	Reductions in carotid chemoreceptor activity with low-dose dopamine improves baroreflex control of heart rate during hypoxia in humans. <i>Physiological Reports</i> , 2016, 4, e12859.	0.7	11

#	ARTICLE	IF	CITATIONS
181	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
182	Fatigue. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2224-2227.	0.2	5
183	White blood cell concentrations during lower body negative pressure and blood loss in humans. <i>Experimental Physiology</i> , 2016, 101, 1265-1275.	0.9	15
184	Rate of rise in diastolic blood pressure influences vascular sympathetic response to mental stress. <i>Journal of Physiology</i> , 2016, 594, 7465-7482.	1.3	30
185	Confounders in the Evaluation of Cardiac Fibrosis by Late Gadolinium Enhancement. <i>Sports Medicine</i> , 2016, 46, 1193-1194.	3.1	2
186	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
187	An Ecosystem to Support Traditional Clinical Investigation. <i>Hypertension</i> , 2016, 68, 855-856.	1.3	0
188	Prolonged adenosine triphosphate infusion and exercise hyperemia in humans. <i>Journal of Applied Physiology</i> , 2016, 121, 629-635.	1.2	9
189	Incidence of sudden cardiac death in professional cycling. <i>International Journal of Cardiology</i> , 2016, 223, 222-223.	0.8	5
190	Reply. <i>Experimental Physiology</i> , 2016, 101, 449-450.	0.9	1
191	Clinical neurocardiology defining the value of neuroscience-based cardiovascular therapeutics. <i>Journal of Physiology</i> , 2016, 594, 3911-3954.	1.3	222
192	Quantifying sympathetic neuro-haemodynamic 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
193	Blood Pressure: Return of the Sympathetics?. <i>Current Hypertension Reports</i> , 2016, 18, 7.	1.5	9
194	A disposable flexible skin patch for clinical optical perfusion monitoring at multiple depths. , 2016, 9715, .		7
195	Interindividual variability in the dose-specific effect of dopamine on carotid chemoreceptor sensitivity to hypoxia. <i>Journal of Applied Physiology</i> , 2016, 120, 138-147.	1.2	28
196	Value of Personalized Medicine—Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 613.	3.8	4
197	Precision Medicine, Cardiovascular Disease and Hunting Elephants. <i>Progress in Cardiovascular Diseases</i> , 2016, 58, 651-660.	1.6	34
198	Endurance Exercise and the Heart: Friend or Foe?. <i>Sports Medicine</i> , 2016, 46, 459-466.	3.1	24

#	ARTICLE	IF	CITATIONS
199	Improved Ventilatory Efficiency with Locomotor Muscle Afferent Inhibition is Strongly Associated with Leg Composition in Heart Failure. <i>International Journal of Cardiology</i> , 2016, 202, 159-166.	0.8	15
200	Patients With Fibromyalgia Have Significant Autonomic Symptoms But Modest Autonomic Dysfunction. <i>PM and R</i> , 2016, 8, 425-435.	0.9	22
201	Hemodynamic responses to simulated hemorrhage: Role for the carotid bodies. <i>FASEB Journal</i> , 2016, 30, 1241.4.	0.2	0
202	White Blood Cell Counts during Lower Body Negative Pressure vs. Blood Loss in Humans. <i>FASEB Journal</i> , 2016, 30, 1241.1.	0.2	0
203	Neural Control of the Circulation: How Sex and Age Differences Interact in Humans. , 2015, 5, 193-215.		74
204	Attenuating Ventilation by Inhibiting the Carotid Body Chemoreceptors during Hyperthermia Modulates Thermal Sensation. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 492.	0.2	2
205	Cerebral blood velocity regulation during progressive blood loss compared with lower body negative pressure in humans. <i>Journal of Applied Physiology</i> , 2015, 119, 677-685.	1.2	32
206	Effect of bilateral carotid body resection on the counterregulatory response to hypoglycaemia in humans. <i>Experimental Physiology</i> , 2015, 100, 69-78.	0.9	22
207	Last Word on Viewpoint: The two-hour marathon: What's the equivalent for women?. <i>Journal of Applied Physiology</i> , 2015, 118, 1329-1329.	1.2	3
208	Aging is associated with altered vasodilator kinetics in dynamically contracting muscle: role of nitric oxide. <i>Journal of Applied Physiology</i> , 2015, 119, 232-241.	1.2	26
209	Use of FEV1 as a measure of lung health in the UK BiLEVE study. <i>Lancet Respiratory Medicine</i> , 2015, 3, e42.	5.2	0
210	Intrathecal fentanyl blockade of afferent neural feedback from skeletal muscle during exercise in heart failure patients: Influence on circulatory power and pulmonary vascular capacitance. <i>International Journal of Cardiology</i> , 2015, 201, 384-393.	0.8	7
211	Effect of hypoxia on heart rate variability and baroreflex sensitivity during hypoglycemia in type 1 diabetes mellitus. <i>Clinical Autonomic Research</i> , 2015, 25, 243-250.	1.4	14
212	Seven Questions for Personalized Medicine. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 999.	3.8	188
213	My patient wants to perform strenuous endurance exercise. What's the right advice?. <i>International Journal of Cardiology</i> , 2015, 197, 248-253.	0.8	14
214	Oral Contraceptive Use, Muscle Sympathetic Nerve Activity, and Systemic Hemodynamics in Young Women. <i>Hypertension</i> , 2015, 66, 590-597.	1.3	51
215	Is precision medicine the route to a healthy world?. <i>Lancet, The</i> , 2015, 385, 1617.	6.3	35
216	Effect of Bilateral Carotid Body Resection on Cardiac Baroreflex Control of Blood Pressure During Hypoglycemia. <i>Hypertension</i> , 2015, 65, 1365-1371.	1.3	28

#	ARTICLE	IF	CITATIONS
217	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
218	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
219	Letter by Sanchis-Gomar et al Regarding Article, "Cardiac Remodeling in Response to 1 Year of Intensive Endurance Training". <i>Circulation</i> , 2015, 132, e146.	1.6	2
220	Multipathway modulation of exercise and glucose stress effects upon GH secretion in healthy men. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1022-1030.	1.5	7
221	Coagulation changes during lower body negative pressure and blood loss in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1591-H1597.	1.5	30
222	Exercise Attenuates the Major Hallmarks of Aging. <i>Rejuvenation Research</i> , 2015, 18, 57-89.	0.9	275
223	The two-hour marathon: What's the equivalent for women?. <i>Journal of Applied Physiology</i> , 2015, 118, 1321-1323.	1.2	27
224	Has Neo-Darwinism failed clinical medicine: Does systems biology have to?. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 117, 107-112.	1.4	13
225	Impact of Aging on Aortic Wave Reflection during Lower Body Negative Pressure. <i>FASEB Journal</i> , 2015, 29, 649.11.	0.2	0
226	Cerebral Blood Flow Velocity Responses to an Acute Cognitive Challenge in Healthy Adults. <i>FASEB Journal</i> , 2015, 29, 949.3.	0.2	0
227	Blood Pressure Responses to Isometric Handgrip in Women With and Without a History of Hypertensive Pregnancy. <i>FASEB Journal</i> , 2015, 29, 675.19.	0.2	0
228	Carotid Chemoreceptor Desensitization Improves Baroreflex Control of Blood Pressure During Hypoxia in Humans. <i>FASEB Journal</i> , 2015, 29, 1060.4.	0.2	0
229	Endothelium-Dependent and -Independent Vasodilation in Women at Risk of Hypertension. <i>FASEB Journal</i> , 2015, 29, 647.6.	0.2	0
230	Effect of Carotid Body Chemoreceptor Inhibition on Cardiac Baroreflex Sensitivity in Resting Humans. <i>FASEB Journal</i> , 2015, 29, 648.6.	0.2	0
231	Effect of Carotid Body Resection on Baroreflex Control of Blood Pressure During Hypoglycemia. <i>FASEB Journal</i> , 2015, 29, 652.3.	0.2	0
232	Speed Trends in Male Distance Running. <i>PLoS ONE</i> , 2014, 9, e112978.	1.1	10
233	Buying into healthy blood vessels: exercise and aging. <i>Journal of Applied Physiology</i> , 2014, 117, 421-422.	1.2	4
234	Applications of Complex Systems Science in Obesity and Noncommunicable Chronic Disease Research. <i>Advances in Nutrition</i> , 2014, 5, 574-577.	2.9	12

#	ARTICLE	IF	CITATIONS
235	Renal Denervation. Hypertension, 2014, 64, 19-20.	1.3	6
236	Autonomic control during acute hypoglycemia in type 1 diabetes mellitus. Clinical Autonomic Research, 2014, 24, 275-283.	1.4	22
237	Reductions in central venous pressure by lower body negative pressure or blood loss elicit similar hemodynamic responses. Journal of Applied Physiology, 2014, 117, 131-141.	1.2	80
238	Interactions between beta α 2 adrenoceptor gene variation, cardiovascular control and dietary sodium in healthy young adults. Journal of Physiology, 2014, 592, 5221-5233.	1.3	8
239	The effect of liraglutide on endothelial function in patients with type 2 diabetes. Diabetes and Vascular Disease Research, 2014, 11, 419-430.	0.9	43
240	Influence of locomotor muscle afferent inhibition on the ventilatory response to exercise in heart failure. Experimental Physiology, 2014, 99, 414-426.	0.9	68
241	Forearm vasodilator responses to a α 2-adrenergic receptor agonist in premenopausal and postmenopausal women. Physiological Reports, 2014, 2, e12032.	0.7	27
242	Role of the carotid body chemoreceptors in baroreflex control of blood pressure during hypoglycaemia in humans. Experimental Physiology, 2014, 99, 640-650.	0.9	18
243	Acute cyclooxygenase inhibition does not alter muscle sympathetic nerve activity or forearm vasodilator responsiveness in lean and obese adults. Physiological Reports, 2014, 2, e12079.	0.7	7
244	Acute Effects of a Mixed Meal on Arterial Stiffness and Central Hemodynamics in Healthy Adults. American Journal of Hypertension, 2014, 27, 331-337.	1.0	29
245	Blood pressure regulation: every adaptation is an integration?. European Journal of Applied Physiology, 2014, 114, 445-450.	1.2	22
246	Relationship of muscle sympathetic nerve activity to insulin sensitivity. Clinical Autonomic Research, 2014, 24, 77-85.	1.4	6
247	Endovascular procedures for the treatment of autonomic dysfunction. Clinical Autonomic Research, 2014, 24, 1-2.	1.4	2
248	Should we be "Doping" the peripheral chemoreceptors?. Journal of Physiology, 2014, 592, 1177-1177.	1.3	2
249	Sex and vasodilator responses to hypoxia at rest and during exercise. Journal of Applied Physiology, 2014, 116, 927-936.	1.2	41
250	Muscle blood flow, hypoxia, and hypoperfusion. Journal of Applied Physiology, 2014, 116, 852-857.	1.2	64
251	Hitting the wall: glycogen, glucose and the carotid bodies. Journal of Physiology, 2014, 592, 4413-4414.	1.3	3
252	Integrative Biology of Exercise. Cell, 2014, 159, 738-749.	13.5	753

#	ARTICLE	IF	CITATIONS
253	Effect of α_2 -adrenergic receptor polymorphisms on epinephrine and exercise-stimulated lipolysis in humans. <i>Physiological Reports</i> , 2014, 2, e12017.	0.7	2
254	Rethinking Animal Models and Human Obesity. <i>Physiology</i> , 2014, 29, 384-385.	1.6	0
255	Effect of vitamin C on hyperoxia-induced vasoconstriction in exercising skeletal muscle. <i>Journal of Applied Physiology</i> , 2014, 117, 1207-1211.	1.2	13
256	Aging Enhances Autonomic Support of Blood Pressure in Women. <i>Hypertension</i> , 2014, 63, 303-308.	1.3	89
257	The effect of ageing and indomethacin on forearm reactive hyperaemia in healthy adults. <i>Experimental Physiology</i> , 2014, 99, 859-867.	0.9	4
258	Evolution evolves: physiology returns to centre stage. <i>Journal of Physiology</i> , 2014, 592, 2237-2244.	1.3	102
259	Influence of the metaboreflex on arterial blood pressure in heart failure patients. <i>American Heart Journal</i> , 2014, 167, 521-528.	1.2	15
260	Chasing Mendel: five questions for personalized medicine. <i>Journal of Physiology</i> , 2014, 592, 2381-2388.	1.3	30
261	Sympathetic nerve activity and peripheral vasodilator capacity in young and older men. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H904-H909.	1.5	20
262	Exercise Biology and Medicine: Innovative Research to Improve Global Health. <i>Mayo Clinic Proceedings</i> , 2014, 89, 148-153.	1.4	31
263	Is insulin the new intermittent hypoxia?. <i>Medical Hypotheses</i> , 2014, 82, 730-735.	0.8	21
264	Self-Reported and Objective Physical Activity in Postgastric Bypass Surgery, Obese and Lean Adults: Association With Body Composition and Cardiorespiratory Fitness. <i>Journal of Physical Activity and Health</i> , 2014, 11, 145-151.	1.0	20
265	Point-of-care optical tool to detect early stage of hemorrhage and shock. , 2014, , .		0
266	Tasting arterial blood: what do the carotid chemoreceptors sense?. <i>Frontiers in Physiology</i> , 2014, 5, 524.	1.3	25
267	Effect of Vitamin C on Hyperoxia Induced Vasoconstriction in Exercising Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 13.	0.2	0
268	Metabolic syndrome in relation to cardiorespiratory fitness, active and sedentary behavior in HIV+ Hispanics with and without lipodystrophy. <i>Puerto Rico Health Sciences Journal</i> , 2014, 33, 163-9.	0.2	7
269	Predicted vs. Actual Resting Energy Expenditure and Activity Coefficients: Post-Gastric Bypass, Lean and Obese Women. <i>Obesity & Control Therapies: Open Access</i> , 2014, 1, 1-7.	0.3	5
270	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

#	ARTICLE	IF	CITATIONS
271	Carotid Body Denervation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 2431-2432.	1.2	15
272	Cardiac Autonomic Function Associated with Treatment Adherence After a Brief Intervention in Patients with Chronic Pain. <i>Applied Psychophysiology Biofeedback</i> , 2013, 38, 193-201.	1.0	8
273	Orthostatic intolerance without postural tachycardia: how much dysautonomia?. <i>Clinical Autonomic Research</i> , 2013, 23, 181-188.	1.4	16
274	Roles of nitric oxide and prostaglandins in the hyperemic response to a maximal metabolic stimulus: redundancy prevails. <i>European Journal of Applied Physiology</i> , 2013, 113, 1449-1456.	1.2	8
275	Rebuttal from Jonatan R. Ruiz, Michael Joyner and Alejandro Lucia. <i>Journal of Physiology</i> , 2013, 591, 4949-4949.	1.3	1
276	Role of nitric oxide and adenosine in the onset of vasodilation during dynamic forearm exercise. <i>European Journal of Applied Physiology</i> , 2013, 113, 295-303.	1.2	17
277	Physical Activity and Cardiovascular Risk: 10 Metabolic Equivalents or Bust. <i>Mayo Clinic Proceedings</i> , 2013, 88, 1353-1355.	1.4	10
278	The Syntax of Sin Taxes: Putting It Together to Improve Physical, Social, and Fiscal Health. <i>Mayo Clinic Proceedings</i> , 2013, 88, 536-539.	1.4	4
279	Insulin and Sympathoexcitation: It Is Not All in Your Head. <i>Diabetes</i> , 2013, 62, 2654-2655.	0.3	5
280	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
281	Vasoconstrictor responsiveness during hyperbaric hyperoxia in contracting human muscle. <i>Journal of Applied Physiology</i> , 2013, 114, 217-224.	1.2	18
282	Ovarian Cycle and Sympathoexcitation in Premenopausal Women. <i>Hypertension</i> , 2013, 61, 395-399.	1.3	78
283	The Effects of Acute Beta-Adrenergic Blockade on Aortic Wave Reflection in Postmenopausal Women. <i>American Journal of Hypertension</i> , 2013, 26, 503-510.	1.0	8
284	Food for thought – resveratrol vs exercise training. <i>Journal of Physiology</i> , 2013, 591, 4953-4953.	1.3	2
285	Response to Roles of Sex Steroid Hormones and Nitric Oxide in the Regulation of Sympathetic Nerve Activity in Women. <i>Hypertension</i> , 2013, 61, e37.	1.3	2
286	CrossTalk opposing view: Prolonged intense exercise does not lead to cardiac damage. <i>Journal of Physiology</i> , 2013, 591, 4943-4945.	1.3	18
287	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
288	Physiology's Impact: Discovering Life. <i>Physiology</i> , 2013, 28, 138-139.	1.6	0

#	ARTICLE	IF	CITATIONS
289	Physiology and Redundancy. <i>Physiology</i> , 2013, 28, 136-137.	1.6	11
290	I am 80 going on 18: exercise and the fountain of youth. <i>Journal of Applied Physiology</i> , 2013, 114, 1-2.	1.2	15
291	Reply to Pancheva, Panchev, and Pancheva. <i>Journal of Applied Physiology</i> , 2013, 114, 1761-1761.	1.2	0
292	VO2max Trainability and High Intensity Interval Training in Humans: A Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e73182.	1.1	216
293	Forearm vasodilator response to isoproterenol in premenopausal and postmenopausal women. <i>FASEB Journal</i> , 2013, 27, 927.4.	0.2	0
294	Role of carotid body chemoreceptors in glucoregulation during prolonged exercise in humans. <i>FASEB Journal</i> , 2013, 27, 1b752.	0.2	0
295	The medicalization of inactivity. , 2013, , 18-21.		0
296	Influence of the metaboreflex on arterial blood pressure in heart failure patients. <i>FASEB Journal</i> , 2013, 27, 712.2.	0.2	0
297	Contribution of nitric oxide in the contraction-induced rapid vasodilation in young and older adults. <i>FASEB Journal</i> , 2013, 27, 1136.7.	0.2	0
298	The relationship of muscle sympathetic nerve activity to the sympathetically-mediated thermic effect of food in young healthy subjects. <i>FASEB Journal</i> , 2013, 27, 1153.7.	0.2	0
299	β -Adrenergic Blockade Unmasks a Greater Compensatory Vasodilation in Hypoperfused Contracting Muscle. <i>Frontiers in Physiology</i> , 2012, 3, 271.	1.3	6
300	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
301	Cyclooxygenase inhibition augments central blood pressure and aortic wave reflection in aging humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2629-H2634.	1.5	12
302	Association of Cardiac Baroreflex Sensitivity with Blood Pressure Transients: Influence of Sex and Menopausal Status. <i>Frontiers in Physiology</i> , 2012, 3, 187.	1.3	20
303	β -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
304	Can Physiology Zap Therapeutic Sweet Spots in Hypertension?. <i>Hypertension</i> , 2012, 60, 1385-1386.	1.3	4
305	Acute β -Adrenergic Blockade Increases Aortic Wave Reflection in Young Men and Women. <i>Hypertension</i> , 2012, 59, 145-150.	1.3	24
306	Psychological and Physiological Correlates of a Brief Intervention to Enhance Self-Regulation in Patients with Fibromyalgia. <i>Journal of Musculoskeletal Pain</i> , 2012, 20, 211-221.	0.3	8

#	ARTICLE	IF	CITATIONS
307	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
308	Sex differences in salt sensitivity to nitric oxide dependent vasodilation in healthy young adults. <i>Journal of Applied Physiology</i> , 2012, 112, 1049-1053.	1.2	30
309	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
310	Deconditioning in patients with orthostatic intolerance. <i>Neurology</i> , 2012, 79, 1435-1439.	1.5	92
311	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
312	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
313	The Limits of Acceptable Biological Variation in Elite Athletes: Should Sex Ambiguity Be Treated Differently From Other Advantageous Genetic Traits?. <i>Mayo Clinic Proceedings</i> , 2012, 87, 508-513.	1.4	6
314	Changes in red blood cell transfusion practice during the past quarter century: a retrospective analysis of pediatric patients undergoing elective scoliosis surgery using the Mayo database. <i>Spine Journal</i> , 2012, 12, 455-462.	0.6	22
315	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
316	Commentaries on Viewpoint: Sacrificing economy to improve running performanceâ€”a reality in the ultramarathon?. <i>Journal of Applied Physiology</i> , 2012, 113, 510-512.	1.2	5
317	Sugar highs and lows: the impact of diet on cognitive function. <i>Journal of Physiology</i> , 2012, 590, 2831-2831.	1.3	11
318	Ischemic exercise hyperemia in the human forearm: reproducibility and roles of adenosine and nitric oxide. <i>European Journal of Applied Physiology</i> , 2012, 112, 2065-2072.	1.2	7
319	Standing up for exercise: should deconditioning be medicalized?. <i>Journal of Physiology</i> , 2012, 590, 3413-3414.	1.3	12
320	Do the Carotid Bodies Modulate Hypoglycemic Counterregulation and Baroreflex Control of Blood Pressure In Humans?. <i>Advances in Experimental Medicine and Biology</i> , 2012, 758, 129-135.	0.8	5
321	Menstrual cycle and sympathetic neural activity in humans: A retrospective study. <i>FASEB Journal</i> , 2012, 26, 1091.41.	0.2	0
322	Dietary sodium alters betaâ€”adrenergic receptor mediated vasodilation in men but not women. <i>FASEB Journal</i> , 2012, 26, 880.4.	0.2	0
323	Contribution of group III and IV muscle afferents to ventilatory control during submaximal exercise in heart failure. <i>FASEB Journal</i> , 2012, 26, 1146.1.	0.2	0
324	Greater autonomic support of blood pressure in older women. <i>FASEB Journal</i> , 2012, 26, 893.11.	0.2	0

#	ARTICLE	IF	CITATIONS
325	Higher aortic wave reflection is mediated in part by greater autonomic support in older women. <i>FASEB Journal</i> , 2012, 26, 864-11.	0.2	0
326	The effects of acute β -adrenergic blockade on aortic wave reflection in postmenopausal women. <i>FASEB Journal</i> , 2012, 26, .	0.2	0
327	Aging and the effect of autonomic blockade on central and peripheral pulse wave velocity. <i>FASEB Journal</i> , 2012, 26, 1092.1.	0.2	0
328	Giant sucking sound: can physiology fill the intellectual void left by the reductionists?. <i>Journal of Applied Physiology</i> , 2011, 111, 335-342.	1.2	34
329	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
330	Exercise testing and disease risk: individualized medicine without the "omics". <i>Journal of Applied Physiology</i> , 2011, 111, 1539-1539.	1.2	0
331	Nitric oxide-mediated vasodilation becomes independent of β -adrenergic receptor activation with increased intensity of hypoxic exercise. <i>Journal of Applied Physiology</i> , 2011, 110, 687-694.	1.2	31
332	Contribution of adenosine to compensatory dilation in hypoperfused contracting human muscles is independent of nitric oxide. <i>Journal of Applied Physiology</i> , 2011, 110, 1181-1189.	1.2	21
333	Ten questions about systems biology. <i>Journal of Physiology</i> , 2011, 589, 1017-1030.	1.3	76
334	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
335	Physiology: alone at the bottom, alone at the top. <i>Journal of Physiology</i> , 2011, 589, 1005-1005.	1.3	13
336	Reply from Erica A. Wehrwein, Rita Basu, Ananda Basu, Timothy B. Curry, Robert A. Rizza and Michael J. Joyner. <i>Journal of Physiology</i> , 2011, 589, 1237-1238.	1.3	0
337	Hysteresis in the sympathetic baroreflex: role of baseline nerve activity. <i>Journal of Physiology</i> , 2011, 589, 3395-3404.	1.3	47
338	Sex and ageing differences in resting arterial pressure regulation: the role of the β -adrenergic receptors. <i>Journal of Physiology</i> , 2011, 589, 5285-5297.	1.3	258
339	Attack of the catabolic pathways: muscle wasting in the ICU. <i>Journal of Physiology</i> , 2011, 589, 3905-3906.	1.3	0
340	Response to the Letter to the Editor from Professor James Timmons. <i>Journal of Physiology</i> , 2011, 589, 4803-4803.	1.3	0
341	John T. Shepherd (1919-2011). <i>Journal of Physiology</i> , 2011, 589, 5927-5928.	1.3	2
342	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

#	ARTICLE	IF	CITATIONS
343	Impact of Aging on Conduit Artery Retrograde and Oscillatory Shear at Rest and During Exercise. Hypertension, 2011, 57, 484-489.	1.3	56
344	What we talk about when we talk with medical students. American Journal of Physiology - Advances in Physiology Education, 2011, 35, 16-21.	0.8	3
345	Cerebrovascular Challenges in Diabetic Patients. Hypertension, 2011, 57, 674-675.	1.3	2
346	Exercise Training in Postural Orthostatic Tachycardia Syndrome. Hypertension, 2011, 58, 136-137.	1.3	6
347	Activation of Peroxisome Proliferator-Activated Receptor α Enhances Regenerative Capacity of Human Endothelial Progenitor Cells by Stimulating Biosynthesis of Tetrahydrobiopterin. Hypertension, 2011, 58, 287-294.	1.3	32
348	Why Physiology Matters in Medicine. Physiology, 2011, 26, 72-75.	1.6	28
349	Into the Real World. Medicine and Science in Sports and Exercise, 2011, 43, 655.	0.2	4
350	Aging reduces the compensatory vasodilation during hypoxic exercise: The role of nitric oxide. FASEB Journal, 2011, 25, 1110.3.	0.2	0
351	Nitric oxide but not prostaglandins is obligatory to the blood flow response during recovery following forearm exercise in humans. FASEB Journal, 2011, 25, 1108.11.	0.2	0
352	Impact of aging on conduit artery retrograde and oscillatory shear at rest and during exercise: Role of nitric oxide. FASEB Journal, 2011, 25, 1056.18.	0.2	0
353	Roles of Nitric Oxide and Prostaglandins in the Hyperemic Response to a Maximal Metabolic Stimulus: Redundancy Prevails. FASEB Journal, 2011, 25, .	0.2	0
354	Age-related differences in cerebrovascular reactivity in response to COX inhibition. FASEB Journal, 2011, 25, 1024.9.	0.2	0
355	Do peripheral chemoreceptors in the carotid body serve as sites of glucose sensing?. , 2011, , 13-14.		0
356	Sex differences in β -adrenergic support of blood pressure. Clinical Autonomic Research, 2010, 20, 271-275.	1.4	38
357	Nitric oxide contributes to the augmented vasodilatation during hypoxic exercise. Journal of Physiology, 2010, 588, 373-385.	1.3	105
358	Effects of respiratory muscle work on blood flow distribution during exercise in heart failure. Journal of Physiology, 2010, 588, 2487-2501.	1.3	92
359	β -Adrenoceptor gene variation and systemic vasodilatation during ganglionic blockade. Journal of Physiology, 2010, 588, 2669-2678.	1.3	11
360	Hyperoxia blunts counterregulation during hypoglycaemia in humans: possible role for the carotid bodies?. Journal of Physiology, 2010, 588, 4593-4601.	1.3	65

#	ARTICLE	IF	CITATIONS
361	Wasting away in Mars-Aritaville. <i>Journal of Physiology</i> , 2010, 588, 4071-4071.	1.3	2
362	Response to Sympathetic Activity, Blood Volume, and Smoking. <i>Hypertension</i> , 2010, 56, .	1.3	0
363	Cardiac Baroreflex Sensitivity Is Not Correlated to Sympathetic Baroreflex Sensitivity Within Healthy, Young Humans. <i>Hypertension</i> , 2010, 56, 1118-1123.	1.3	59
364	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
365	Sympathetic Nervous System and Blood Pressure in Humans. <i>Hypertension</i> , 2010, 56, 10-16.	1.3	157
366	Blood Pressure Regulation in Humans. <i>Hypertension</i> , 2010, 55, 264-269.	1.3	28
367	Effects of Interval Walking on Physical Fitness in Middle-Aged Individuals. <i>Journal of Primary Care and Community Health</i> , 2010, 1, 104-110.	1.0	10
368	Roles of nitric oxide synthase and cyclooxygenase in leg vasodilation and oxygen consumption during prolonged low-intensity exercise in untrained humans. <i>Journal of Applied Physiology</i> , 2010, 109, 768-777.	1.2	34
369	Changes in Red Blood Cell Transfusion Practice during the Turn of the Millennium: A Retrospective Analysis of Adult Patients Undergoing Elective Open Abdominal Aortic Aneurysm Repair Using the Mayo Database. <i>Annals of Vascular Surgery</i> , 2010, 24, 447-454.	0.4	9
370	Simulation of metabolismâ€perfusion matching in a heterogeneous microvascular network. <i>FASEB Journal</i> , 2010, 24, 973.6.	0.2	0
371	High sodium intake alters the hemodynamic response to mental stress in normotensive subjects after systemic beta adrenergic blockade. <i>FASEB Journal</i> , 2010, 24, 1020.10.	0.2	0
372	Effect of combined inhibition of adenosine and nitric oxide on compensatory vasodilation during exercise with acute hypoperfusion. <i>FASEB Journal</i> , 2010, 24, .	0.2	0
373	Intraâ€individual Reproducibility of Hyperemic Responses to Ischemic Exercise. <i>FASEB Journal</i> , 2010, 24, 804.9.	0.2	0
374	Restoration of blood flow to hypoperfused contracting muscle is related to changes in vascular resistance. <i>FASEB Journal</i> , 2010, 24, 1039.4.	0.2	0
375	Prevalence of cardiometabolic risk factors in Hispanics living with HIV. <i>Ethnicity and Disease</i> , 2010, 20, 423-8.	1.0	11
376	NOS inhibition blunts and delays the compensatory dilation in hypoperfused contracting human muscles. <i>Journal of Applied Physiology</i> , 2009, 107, 1685-1692.	1.2	28
377	Age-Related Differences in the Sympathetic-Hemodynamic Balance in Men. <i>Hypertension</i> , 2009, 54, 127-133.	1.3	78
378	Skeletal muscle blood flow responses to hypoperfusion at rest and during rhythmic exercise in humans. <i>Journal of Applied Physiology</i> , 2009, 107, 429-437.	1.2	23

#	ARTICLE	IF	CITATIONS
379	Adenosine receptor antagonist and augmented vasodilation during hypoxic exercise. <i>Journal of Applied Physiology</i> , 2009, 107, 1128-1137.	1.2	30
380	Aging Is Associated With Reduced Prostacyclin-Mediated Dilation in the Human Forearm. <i>Hypertension</i> , 2009, 53, 973-978.	1.3	71
381	Sex Differences in Sympathetic Neural-Hemodynamic Balance. <i>Hypertension</i> , 2009, 53, 571-576.	1.3	264
382	Cardiovascular Regulation During Apnea in Elite Divers. <i>Hypertension</i> , 2009, 53, 719-724.	1.3	99
383	Effects of indomethacin on cerebrovascular response to hypercapnea and hypocapnea in breath-hold diving and obstructive sleep apnea. <i>Respiratory Physiology and Neurobiology</i> , 2009, 166, 152-158.	0.7	16
384	Drugs under pressure: the Valsalva maneuver. <i>Clinical Autonomic Research</i> , 2009, 19, 6-7.	1.4	0
385	Fast and furious: new ways to think about, study and treat cardiac arrhythmias. <i>Journal of Physiology</i> , 2009, 587, 1383-1384.	1.3	0
386	Keeping the juices flowing with age: vitamin C and exercise hyperaemia. <i>Journal of Physiology</i> , 2009, 587, 2423-2423.	1.3	1
387	Exercise protects the cardiovascular system: effects beyond traditional risk factors. <i>Journal of Physiology</i> , 2009, 587, 5551-5558.	1.3	367
388	Orthostatic stress, haemorrhage and a bankrupt cardiovascular system. <i>Journal of Physiology</i> , 2009, 587, 5015-5016.	1.3	8
389	Postural Tachycardia Syndrome (POTS). <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 352-358.	0.8	272
390	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
391	Ambulatory arterial stiffness index is not correlated with the pressor response to laboratory stressors in normotensive humans. <i>Journal of Hypertension</i> , 2009, 27, 763-768.	0.3	18
392	The Catecholamines Strike Back What NO Does Not Do. <i>Circulation Journal</i> , 2009, 73, 1783-1792.	0.7	19
393	Mathematical modeling of metabolism–perfusion matching in a microvascular network. <i>FASEB Journal</i> , 2009, 23, 948.9.	0.2	0
394	POTS versus deconditioning: the same or different?. <i>Clinical Autonomic Research</i> , 2008, 18, 300-307.	1.4	76
395	In response: all that shine is not gold. <i>Clinical Autonomic Research</i> , 2008, 18, 299-299.	1.4	0
396	A sympathetic view of the sympathetic nervous system and human blood pressure regulation. <i>Experimental Physiology</i> , 2008, 93, 715-724.	0.9	118

#	ARTICLE	IF	CITATIONS
397	Endurance exercise performance: the physiology of champions. <i>Journal of Physiology</i> , 2008, 586, 35-44.	1.3	759
398	Exercise intensity-dependent contribution of β_2 -adrenergic receptor-mediated vasodilatation in hypoxic humans. <i>Journal of Physiology</i> , 2008, 586, 1195-1205.	1.3	49
399	Exercise physiology and human performance: systems biology before systems biology!. <i>Journal of Physiology</i> , 2008, 586, 9-9.	1.3	10
400	All the King's horses and all the King's men: maybe Physiology can put Humpty Dumpty back together again. <i>Journal of Physiology</i> , 2008, 586, 4577-4577.	1.3	2
401	Endothelial dysfunction starting <i>in utero</i> : you are what your mother eats?. <i>Journal of Physiology</i> , 2008, 586, 4579-4579.	1.3	2
402	Iron lung? New ideas about hypoxic pulmonary vasoconstriction. <i>Journal of Physiology</i> , 2008, 586, 5837-5838.	1.3	8
403	Nitric oxide and muscle blood flow in exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 151-160.	0.9	59
404	Endurance Exercise as a Countermeasure for Aging. <i>Diabetes</i> , 2008, 57, 2933-2942.	0.3	493
405	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
406	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
407	Genetics of β_2 -Adrenergic Receptors and the Cardiopulmonary Response to Exercise. <i>Exercise and Sport Sciences Reviews</i> , 2008, 36, 98-105.	1.6	31
408	Human phenylethanolamine N-methyltransferase genetic polymorphisms and exercise-induced epinephrine release. <i>Physiological Genomics</i> , 2008, 33, 323-332.	1.0	11
409	Not so fast: intrinsic heart rate vs. β_2 -adrenergic responsiveness in the aging human heart. <i>Journal of Applied Physiology</i> , 2008, 105, 3-4.	1.2	6
410	Testing for recombinant human erythropoietin. <i>Journal of Applied Physiology</i> , 2008, 105, 395-396.	1.2	8
411	Central chemoreflex sensitivity and sympathetic neural outflow in elite breath-hold divers. <i>Journal of Applied Physiology</i> , 2008, 104, 205-211.	1.2	34
412	Measuring muscle blood flow: a key link between systemic and regional metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2008, 11, 580-586.	1.3	30
413	Cardiovascular dynamics in healthy subjects with differing heart rate responses to tilt. <i>Journal of Applied Physiology</i> , 2008, 105, 1448-1453.	1.2	15
414	Integrative mechanisms of blood pressure regulation in humans and rats: cross-species similarities. <i>FASEB Journal</i> , 2008, 22, 737.12.	0.2	0

#	ARTICLE	IF	CITATIONS
415	A novel pharmacologic alternative to ganglionic blockade: cardiovascular responses to systemic terbutaline. <i>FASEB Journal</i> , 2008, 22, 970.1.	0.2	0
416	Vascular Effects of Prostacyclin and L-arginine in Aging. <i>FASEB Journal</i> , 2008, 22, 967.15.	0.2	0
417	Renal Tissue Oxygenation with Renal Arterial Stenosis. <i>FASEB Journal</i> , 2008, 22, 969.6.	0.2	0
418	The Impact of Long-Term Physical Activity on Age-Related Changes in Protein and Gene Expression. <i>FASEB Journal</i> , 2008, 22, 1163.21.	0.2	0
419	Effect of Adenosine Receptor Antagonists on Augmented Vasodilation During Hypoxic Exercise. <i>FASEB Journal</i> , 2008, 22, 1173.9.	0.2	0
420	History of Measures of Vascular Structure and Function in Humans. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 61.	0.2	2
421	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
422	Baroreflex Sensitivity Inversely Correlates With Ambulatory Blood Pressure in Healthy Normotensive Humans. <i>Hypertension</i> , 2007, 50, 41-46.	1.3	70
423	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
424	Arterial baroreflex control of heart rate during exercise in postural tachycardia syndrome. <i>Journal of Applied Physiology</i> , 2007, 103, 1136-1142.	1.2	22
425	Commentary on Viewpoint "Human experimentation: No accurate, quantitative data". <i>Journal of Applied Physiology</i> , 2007, 102, 1295-1295.	1.2	0
426	Preserved reflex cutaneous vasodilation in cystic fibrosis does not include an enhanced nitric oxide-dependent mechanism. <i>Journal of Applied Physiology</i> , 2007, 102, 2301-2306.	1.2	15
427	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
428	Reduced stroke volume during exercise in postural tachycardia syndrome. <i>Journal of Applied Physiology</i> , 2007, 103, 1128-1135.	1.2	52
429	Adenosine transporter antagonism in humans augments vasodilator responsiveness to adenosine, but not exercise, in both adenosine responders and non-responders. <i>Journal of Physiology</i> , 2007, 579, 237-245.	1.3	12
430	Ageing reduces nitric-oxide- and prostaglandin-mediated vasodilatation in exercising humans. <i>Journal of Physiology</i> , 2007, 579, 227-236.	1.3	110
431	Cerebrovascular reactivity to hypercapnia is unimpaired in breath-hold divers. <i>Journal of Physiology</i> , 2007, 582, 723-730.	1.3	28
432	Exercise hyperaemia: is anything obligatory but the hyperaemia?. <i>Journal of Physiology</i> , 2007, 583, 855-860.	1.3	82

#	ARTICLE	IF	CITATIONS
433	Alternative to ganglionic blockade with anticholinergic and alpha-2 receptor agents. <i>Clinical Autonomic Research</i> , 2007, 17, 77-84.	1.4	15
434	Forearm vascular conductance during mental stress is predicted by the hemodynamic response but not arterial catecholamines. <i>FASEB Journal</i> , 2007, 21, A877.	0.2	0
435	Ambulatory arterial stiffness index (AASI) does not predict baroreflex sensitivity or the pressor response to mental stress in normotensive humans. <i>FASEB Journal</i> , 2007, 21, A879.	0.2	1
436	Cerebral vascular reactivity to hypercapnia is unchanged in apnea divers. <i>FASEB Journal</i> , 2007, 21, A1360.	0.2	0
437	Does beta-1 receptor mediated vasodilation contribute to the augmented blood flow during hypoxic exercise?. <i>FASEB Journal</i> , 2007, 21, A571.	0.2	0
438	Relationship between spontaneous variations of muscle sympathetic nerve activity and subsequent hemodynamic changes. <i>FASEB Journal</i> , 2007, 21, A564.	0.2	0
439	Baroreflex sensitivity correlates with ambulatory average blood pressure and daytime heart rate variability in healthy normotensives. <i>FASEB Journal</i> , 2007, 21, A564.	0.2	0
440	Go with the flow: sympathetic control of blood flow during recovery from heart failure. <i>Journal of Applied Physiology</i> , 2006, 101, 3-4.	1.2	2
441	Reduced forearm β_1 -adrenergic vasoconstriction is associated with enhanced heart rate fluctuations in humans. <i>Journal of Applied Physiology</i> , 2006, 100, 792-799.	1.2	8
442	Influences of adenosine receptor antagonism on vasodilator responses to adenosine and exercise in adenosine responders and nonresponders. <i>Journal of Applied Physiology</i> , 2006, 101, 1678-1684.	1.2	34
443	Systemic hypoxia and vasoconstrictor responsiveness in exercising human muscle. <i>Journal of Applied Physiology</i> , 2006, 101, 1343-1350.	1.2	44
444	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
445	Effects of combined inhibition of ATP-sensitive potassium channels, nitric oxide, and prostaglandins on hyperemia during moderate exercise. <i>Journal of Applied Physiology</i> , 2006, 100, 1506-1512.	1.2	28
446	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
447	Genotype Related Differences in β_2 Adrenergic Receptor Density and Cardiac Function. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 882-886.	0.2	40
448	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
449	Baroreceptor function during exercise: resetting the record. <i>Experimental Physiology</i> , 2006, 91, 27-36.	0.9	85
450	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

#	ARTICLE	IF	CITATIONS
451	The Arg16Gly polymorphism of the β_2 -adrenergic receptor and the natriuretic response to rapid saline infusion in humans. <i>Journal of Physiology</i> , 2006, 574, 947-954.	1.3	21
452	Dietary sodium restriction and β_2 -adrenergic receptor polymorphism modulate cardiovascular function in humans. <i>Journal of Physiology</i> , 2006, 574, 955-965.	1.3	28
453	β_2 -Adrenergic Control of Skeletal Muscle Circulation at Rest and During Exercise in Aging Humans. <i>Microcirculation</i> , 2006, 13, 329-341.	1.0	62
454	Beta-2 adrenergic receptor polymorphisms and the forearm blood flow response to mental stress. <i>Clinical Autonomic Research</i> , 2006, 16, 105-112.	1.4	16
455	Exercise hyperemia: waiting for the reductionists?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H1032-H1033.	1.5	5
456	Too Much Is Not Enough. <i>Hypertension</i> , 2006, 48, 560-561.	1.3	1
457	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
458	Influences of Adenosine Transporter Antagonism on Vasodilator Responses to Adenosine and Exercise in Humans. <i>FASEB Journal</i> , 2006, 20, A814.	0.2	0
459	Effect of aging on resistance to oxidative stress in human endothelial progenitor cells (EPCs). <i>FASEB Journal</i> , 2006, 20, A747.	0.2	0
460	Altered vasodilatory mechanisms during exercise in aging humans. <i>FASEB Journal</i> , 2006, 20, A812.	0.2	0
461	Counterpoint: the muscle metaboreflex does restore blood flow to contracting muscles. <i>Journal of Applied Physiology</i> , 2006, 100, 358-60; discussion 360.	1.2	1
462	Exercise Science: More Questions Than Answers. <i>Exercise and Sport Sciences Reviews</i> , 2005, 33, 155-156.	1.6	1
463	Muscle Strength, Body Composition, Hormones, and Aging. <i>Exercise and Sport Sciences Reviews</i> , 2005, 33, 61-62.	1.6	5
464	Impaired modulation of sympathetic β_2 -adrenergic vasoconstriction in contracting forearm muscle of ageing men. <i>Journal of Physiology</i> , 2005, 567, 311-321.	1.3	100
465	Found in translation: neural feedback from exercising muscles. <i>Journal of Physiology</i> , 2005, 567, 362-363.	1.3	2
466	Reply from M. J. Joyner. <i>Journal of Physiology</i> , 2005, 569, 708-708.	1.3	0
467	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
468	Exercise hyperemia and vasoconstrictor responses in humans with cystic fibrosis. <i>Journal of Applied Physiology</i> , 2005, 99, 1866-1871.	1.2	32

#	ARTICLE	IF	CITATIONS
469	A retrospective perspective. <i>Journal of Applied Physiology</i> , 2005, 98, 762-763.	1.2	2
470	Treating Hypertension. <i>Hypertension</i> , 2005, 45, 487-488.	1.3	0
471	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
472	Arg16/Gly α_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
473	Glutamine and Arginine: Immunonutrients and Metabolic Modulators?. <i>Exercise and Sport Sciences Reviews</i> , 2005, 33, 105-106.	1.6	5
474	Blood pressure variation in healthy humans: A possible interaction with α_2 adrenergic receptor genotype and renal epithelial sodium channels. <i>Medical Hypotheses</i> , 2005, 65, 296-299.	0.8	7
475	Sympathetic Nerves and Control of Blood Vessels to Human Limbs. , 2005, , 323-337.		0
476	Skeletal and cardiac muscle blood flow. <i>Exercise and Sport Sciences Reviews</i> , 2005, 33, 1-2.	1.6	34
477	Combined NO and PG inhibition augments α_2 -adrenergic vasoconstriction in contracting human skeletal muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H2576-H2584.	1.5	79
478	Vascular Response to Angiotensin II in Upper Body Obesity. <i>Hypertension</i> , 2004, 44, 435-441.	1.3	30
479	Forearm vascular control during acute hyperglycemia in healthy humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E472-E480.	1.8	31
480	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
481	Nicotine increases initial blood flow responses to local heating of human non-glabrous skin. <i>Journal of Physiology</i> , 2004, 559, 975-984.	1.3	10
482	Feeding the sleeping giant: muscle blood flow during whole body exercise. <i>Journal of Physiology</i> , 2004, 558, 1-1.	1.3	8
483	Physiologic considerations for exercise performance in women. <i>Clinics in Chest Medicine</i> , 2004, 25, 247-255.	0.8	97
484	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
485	Designer Doping. <i>Exercise and Sport Sciences Reviews</i> , 2004, 32, 81-82.	1.6	2
486	Skeletal Muscle Hypertrophy. <i>Exercise and Sport Sciences Reviews</i> , 2004, 32, 127-128.	1.6	3

#	ARTICLE	IF	CITATIONS
487	Effects of midodrine on exercise-induced hypotension and blood pressure recovery in autonomic failure. <i>Journal of Applied Physiology</i> , 2004, 97, 1978-1984.	1.2	24
488	Î² 2 â€Adrenergic receptor polymorphism and nitric oxideâ€dependent forearm blood flow responses to isoproterenol in humans. <i>Journal of Physiology</i> , 2003, 546, 583-589.	1.3	82
489	Failure of Systemic Hypoxia to Blunt Î±â€Adrenergic Vasoconstriction in the Human Forearm. <i>Journal of Physiology</i> , 2003, 549, 985-994.	1.3	54
490	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
491	Rapid Report. <i>Journal of Physiology</i> , 2003, 547, 971-976.	1.3	29
492	Having it both ways? Vasoconstriction in contracting muscles. <i>Journal of Physiology</i> , 2003, 550, 333-333.	1.3	25
493	Nitric Oxide and Physiologic Vasodilation in Human Limbs: Where Do We Go From Here?. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2003, 28, 475-490.	1.7	31
494	VO2MAX, blood doping, and erythropoietin. <i>British Journal of Sports Medicine</i> , 2003, 37, 190-191.	3.1	20
495	Obesity Update. <i>Exercise and Sport Sciences Reviews</i> , 2003, 31, 1-2.	1.6	1
496	Before Automated Database Searches: Let??s Not Forget the Classics!!. <i>Exercise and Sport Sciences Reviews</i> , 2003, 31, 59-60.	1.6	0
497	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
498	Exogenous NO administration and Î±-adrenergic vasoconstriction in human limbs. <i>Journal of Applied Physiology</i> , 2003, 95, 2370-2374.	1.2	40
499	Influences of hydration on post-exercise cardiovascular control in humans. <i>Journal of Physiology</i> , 2003, 552, 635-644.	1.3	82
500	Î±1- and Î±2-adrenergic vasoconstriction is blunted in contracting human muscle. <i>Journal of Physiology</i> , 2003, 547, 971-976.	1.3	80
501	Sleep Apnea: A New ???Risk Factor??? for Cardiovascular Disease?. <i>Exercise and Sport Sciences Reviews</i> , 2002, 30, 145-146.	1.6	2
502	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
503	Ageing and Forearm Postjunctional Î±-Adrenergic Vasoconstriction in Healthy Men. <i>Circulation</i> , 2002, 106, 1349-1354.	1.6	157
504	Activity, Obesity, and Type II Diabetes. <i>Exercise and Sport Sciences Reviews</i> , 2002, 30, 51-52.	1.6	4

#	ARTICLE	IF	CITATIONS
505	Exercise-Induced Asthma: Diagnosis, Treatment, and Regulatory Issues. <i>Exercise and Sport Sciences Reviews</i> , 2002, 30, 1-3.	1.6	9
506	Altitude Training, Erythropoietin, and Blood Doping. <i>Exercise and Sport Sciences Reviews</i> , 2002, 30, 97-98.	1.6	0
507	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
508	Effects of chronic sympathectomy on vascular function in the human forearm. <i>Journal of Applied Physiology</i> , 2002, 92, 2019-2025.	1.2	63
509	Cardiorespiratory effects of inelastic chest wall restriction. <i>Journal of Applied Physiology</i> , 2002, 92, 2419-2428.	1.2	39
510	Effects of chronic sympathectomy on locally mediated cutaneous vasodilation in humans. <i>Journal of Applied Physiology</i> , 2002, 92, 685-690.	1.2	56
511	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
512	Postjunctional α_1 -adrenoceptors and basal limb vascular tone in healthy men. <i>Journal of Physiology</i> , 2002, 540, 1103-1110.	1.3	59
513	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
514	β_2 -Receptor agonist activity of phenylephrine in the human forearm. <i>Journal of Applied Physiology</i> , 2001, 90, 1855-1859.	1.2	46
515	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
516	Reduced submaximal leg blood flow after high-intensity aerobic training. <i>Journal of Applied Physiology</i> , 2001, 91, 2619-2627.	1.2	45
517	Physical Activity and Cardiovascular Disease in Humans. <i>Exercise and Sport Sciences Reviews</i> , 2001, 29, 1-2.	1.6	0
518	Public Health: What Does it Mean and Who Can Benefit?. <i>Exercise and Sport Sciences Reviews</i> , 2001, 29, 93-94.	1.6	1
519	Blood pressure and exercise: failing the acid test. <i>Journal of Physiology</i> , 2001, 537, 331-331.	1.3	4
520	Effects of regional phentolamine on hypoxic vasodilatation in healthy humans. <i>Journal of Physiology</i> , 2001, 537, 613-621.	1.3	115
521	β_2 -Adrenergic Receptors in Physiological Function. <i>Exercise and Sport Sciences Reviews</i> , 2001, 29, 139-140.	1.6	1
522	ACE Genetics and \dot{V}_{O2max} . <i>Exercise and Sport Sciences Reviews</i> , 2001, 29, 47-48.	1.6	1

#	ARTICLE	IF	CITATIONS
523	Skeletal muscle vasodilatation during sympathoexcitation is not neurally mediated in humans. <i>Journal of Physiology</i> , 2000, 525, 253-262.	1.3	58
524	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
525	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
526	Effect of Exercise on Arterial Compliance. <i>Circulation</i> , 2000, 102, 1214-1215.	1.6	49
527	Sympathetic Activity and Baroreflex Sensitivity in Young Women Taking Oral Contraceptives. <i>Circulation</i> , 2000, 102, 1473-1476.	1.6	113
528	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
529	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
530	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
531	CHANGING TRANSFLUSION PRACTICES IN CAROTID ENDARTERECTOMY DURING THE PAST TWO DECADES: AN ANALYSIS USING THE MAYO DATABASE. <i>Journal of Neurosurgical Anesthesiology</i> , 1998, 10, 258.	0.6	0
532	The Effect of Nitrous Oxide on Chest Wall Function in Humans and Dogs. <i>Anesthesia and Analgesia</i> , 1998, 86, 1058-1064.	1.1	12
533	Leg mass and lower body negative pressure tolerance in men and women. <i>Journal of Applied Physiology</i> , 1998, 85, 1471-1475.	1.2	14
534	Forearm blood flow responses to handgripping after local neuromuscular blockade. <i>Journal of Applied Physiology</i> , 1998, 84, 754-758.	1.2	23
535	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
536	Influence of age and gender on cardiac output- $\dot{V}_{E_{max}}$ relationships during submaximal cycle ergometry. <i>Journal of Applied Physiology</i> , 1998, 84, 599-605.	1.2	105
537	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
538	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
539	The Effects of Cross-Linked Hemoglobin on Regional Vascular Conductance in Dogs. <i>Anesthesia and Analgesia</i> , 1997, 85, 265-273.	1.1	24
540	Sympathetic withdrawal and forearm vasodilation during vasovagal syncope in humans. <i>Journal of Applied Physiology</i> , 1997, 82, 1785-1793.	1.2	63

#	ARTICLE	IF	CITATIONS
541	Invited Editorial on "Nitric oxide and thermoregulation during exercise in the horse" Journal of Applied Physiology, 1997, 82, 1033-1034.	1.2	4
542	Nitric oxide and vasodilation in human limbs. Journal of Applied Physiology, 1997, 83, 1785-1796.	1.2	147
543	Skeletal muscle mass and the reduction of $\dot{V}E_{\text{max}}^2$ in trained older subjects. Journal of Applied Physiology, 1997, 82, 1411-1415.	1.2	163
544	Vasovagal Syncope and Skeletal Muscle Vasodilatation: The Continuing Conundrum. PACE - Pacing and Clinical Electrophysiology, 1997, 20, 775-780.	0.5	36
545	Forearm sympathetic withdrawal and vasodilatation during mental stress in humans. Journal of Physiology, 1997, 504, 211-220.	1.3	114
546	Does sympathetic activation blunt nitric oxide-mediated hyperemia in the human forearm?. Clinical Autonomic Research, 1997, 7, 85-91.	1.4	18
547	Contribution of nitric oxide and prostaglandins to reactive hyperemia in the human forearm. Journal of Applied Physiology, 1996, 81, 1807-1814.	1.2	231
548	Blood Substitutes. Anesthesia and Analgesia, 1996, 82, 390-405.	1.1	87
549	Cardiovascular and peak $\dot{V}O_2$ responses to supine exercise: effects of age and training status. Medicine and Science in Sports and Exercise, 1996, 28, 892-899.	0.2	22
550	Physiological Limiting Factors and Distance Running. Exercise and Sport Sciences Reviews, 1993, 21, 103-114.	1.6	118
551	Muscle chemoreflexes and exercise in humans. Clinical Autonomic Research, 1992, 2, 201-208.	1.4	21
552	Response of upper limb blood flow to handgrip exercise after Blalock-Taussig operation (for transposition of the large arteries). Journal of Cardiology, 1989, 63, 1379-1384.	0.7	9