Michael J Joyner

List of Publications by Year in Descending Order

504 papers	18,187 citations	71 h-index	118 g-index
571 ext. papers	21,335 ext. citations	5.5 avg, IF	7.24 L-index

#	Paper	IF	Citations
504	Convalescent plasma for COVID-19. TSUNAMI is not the final word.. *European Journal of Internal Medicine*, **2022**,	3.9	1
503	Coagulation profile of human COVID-19 convalescent plasma.. *Scientific Reports*, **2022**, 12, 637	4.9	0
502	Are convalescent plasma stocks collected during former COVID-19 waves still effective against current SARS-CoV-2 variants?. *Vox Sanguinis*, **2022**,	3.1	1
501	WHO covid-19 drugs guideline: reconsider using convalescent plasma.. *BMJ, The*, **2022**, 376, o295	5.9	0
500	Filling in the Spaces in Cardiovascular Epidemiology. *Epidemiology*, **2022**, 33, 34-36	3.1	
499	Vax-Plasma in Patients With Refractory COVID-19.. *Mayo Clinic Proceedings*, **2022**, 97, 186-189	6.4	2
498	Concerns about estimating relative risk of death associated with convalescent plasma for COVID-19.. *Nature Medicine*, **2022**,	50.5	1
497	COVID-19 Convalescent Plasma and Clinical Trials: Understanding Conflicting Outcomes.. *Clinical Microbiology Reviews*, **2022**, e0020021	34	3
496	Early administration of COVID-19 convalescent plasma with high titer antibody content by live viral neutralization assay is associated with modest clinical efficacy.. *American Journal of Hematology*, **2022**,	7.1	1
495	Central cardiovascular system limits to aerobic capacity. *Experimental Physiology*, **2021**, 106, 2299-2303	2.4	0
494	Influence of High Hemoglobin-Oxygen Affinity on Humans During Hypoxia.. *Frontiers in Physiology*, **2021**, 12, 763933	4.6	3
493	The Role of Disease Severity and Demographics in the Clinical Course of COVID-19 Patients Treated With Convalescent Plasma.. *Frontiers in Medicine*, **2021**, 8, 707895	4.9	
492	Access to and safety of COVID-19 convalescent plasma in the United States Expanded Access Program: A national registry study.. *PLoS Medicine*, **2021**, 18, e1003872	11.6	5
491	Simple Bodyweight Training Improves Cardiorespiratory Fitness with Minimal Time Commitment: A Contemporary Application of the 5BX Approach. *International Journal of Exercise Science*, **2021**, 14, 93-100	1.3	1
490	The Effect of Convalescent Plasma Therapy on COVID-19 Patient Mortality: Systematic Review and Meta-analysis **2021**,		37
489	Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19. *New England Journal of Medicine*, **2021**, 384, 1015-1027	59.2	251
488	SARS-CoV-2 Seroprevalence and Symptom Onset in Culturally Linked Orthodox Jewish Communities Across Multiple Regions in the United States. *JAMA Network Open*, **2021**, 4, e212816	10.4	12

487	COVID-19 convalescent plasma: Interim recommendations from the AABB. *Transfusion*, **2021**, 61, 1313-1323	3.3	20
486	Program and patient characteristics for the United States Expanded Access Program to COVID-19 convalescent plasma **2021**,		5
485	The Oxygen Cascade During Exercise in Health and Disease. *Mayo Clinic Proceedings*, **2021**, 96, 1017-1032	6.4	2
484	Sex-based limits to running speed in the human, horse and dog: The role of sexual dimorphisms. *FASEB Journal*, **2021**, 35, e21562	0.9	1
483	Convalescent Plasma Use in the United States was inversely correlated with COVID-19 Mortality: Did Plasma Hesitancy cost lives? **2021**,		7
482	The Principles of Antibody Therapy for Infectious Diseases with Relevance for COVID-19. *MBio*, **2021**, 12,	7.8	26
481	SARS-CoV-2 variants and convalescent plasma: reality, fallacies, and opportunities. *Journal of Clinical Investigation*, **2021**, 131,	15.9	31
480	Liver transplantation for acute liver failure in a SARS-CoV-2 PCR-positive patient. *American Journal of Transplantation*, **2021**, 21, 2890-2894	8.7	11
479	Technological advances in elite marathon performance. *Journal of Applied Physiology*, **2021**, 130, 2002-2008	3.7	12
478	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. *Mayo Clinic Proceedings*, **2021**, 96, 1262-1275	6.4	64
477	Use of convalescent plasma in COVID-19 patients with immunosuppression. *Transfusion*, **2021**, 61, 2503-2511	3.3	22
476	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. *Frontiers in Medicine*, **2021**, 8, 684151	4.9	17
475	Convalescent plasma use in the USA was inversely correlated with COVID-19 mortality. *ELife*, **2021**, 10,	8.9	9
474	Body position does not influence muscle oxygenation during submaximal cycling. *Translational Sports Medicine*, **2021**, 4, 193-203	1.3	0
473	Experiments of nature and within species comparative physiology. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2021**, 253, 110864	2.6	1
472	In Reply - Micro-Thrombosis, Perfusion Defects, and Worsening Oxygenation in COVID-19 Patients: A Word of Caution on the Use of Convalescent Plasma. *Mayo Clinic Proceedings*, **2021**, 96, 259-261	6.4	1
471	Sex-related differences in rapid-onset vasodilation: impact of aging. *Journal of Applied Physiology*, **2021**, 130, 206-214	3.7	2
470	Mimicking exercise: what matters most and where to next?. *Journal of Physiology*, **2021**, 599, 791-802	3.9	16

469	The use of observational research to inform clinical practice. *Journal of Clinical Investigation*, **2021**, 131,	15.9	1
468	Convalescent Plasma for Infectious Diseases: Historical Framework and Use in COVID-19. *Clinical Microbiology Newsletter*, **2021**, 43, 23-32	1.1	16
467	A systematic review of adherence to physical activity interventions in individuals with type 2 diabetes. *Diabetes/Metabolism Research and Reviews*, **2021**, 37, e3444	7.5	4
466	Association of Convalescent Plasma Therapy With Survival in Patients With Hematologic Cancers and COVID-19. *JAMA Oncology*, **2021**,	13.4	47
465	COVID-19 Convalescent Plasma Is More than Neutralizing Antibodies: A Narrative Review of Potential Beneficial and Detrimental Co-Factors. *Viruses*, **2021**, 13,	6.2	10
464	In Reply-How Safe Is COVID-19 Convalescent Plasma?. *Mayo Clinic Proceedings*, **2021**, 96, 2281-2282	6.4	3
463	The impact of ageing and sex on sympathetic neurocirculatory regulation. *Seminars in Cell and Developmental Biology*, **2021**, 116, 72-81	7.5	4
462	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors. *Nature Communications*, **2021**, 12, 4864	17.4	22
461	Association of Varying Clinical Manifestations and Positive Anti-SARS-CoV-2 IgG Antibodies: A Cross-Sectional Observational Study. *Journal of Allergy and Clinical Immunology: in Practice*, **2021**, 9, 3331-3338.e2	5.4	4
460	Impact of Pharmacologically Left Shifting the Oxygen-Hemoglobin Dissociation Curve on Arterial Blood Gases and Pulmonary Gas Exchange During Maximal Exercise in Hypoxia. *High Altitude Medicine and Biology*, **2021**, 22, 249-262	1.9	3
459	HLA Antibody Rates Are Not Increased in a Regional Group of Male COVID-19 Convalescent Plasma Donors. *Mayo Clinic Proceedings*, **2021**, 96, 2727-2728	6.4	0
458	The Role of Disease Severity and Demographics in the Clinical Course of COVID-19 Patients Treated with Convalescent Plasma **2021**,		2
457	Measurement of muscle blood flow and O uptake via near-infrared spectroscopy using a novel occlusion protocol. *Scientific Reports*, **2021**, 11, 918	4.9	1
456	Neutralizing Antibody LY-CoV555 for Outpatient Covid-19. *New England Journal of Medicine*, **2021**, 384, 189	59.2	9
455	In Reply - Limitations of Safety Update on Convalescent Plasma Transfusion in COVID-19 Patients. *Mayo Clinic Proceedings*, **2020**, 95, 2802-2803	6.4	12
454	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	3.7	3
453	Greater Influence of Aerobic Fitness on Autonomic Support of Blood Pressure in Young Women Than in Older Women. *Hypertension*, **2020**, 75, 1497-1504	8.5	5
452	Aortic Hemodynamics and Cognitive Performance in Postmenopausal Women: Impact of Pregnancy History. *American Journal of Hypertension*, **2020**, 33, 756-764	2.3	2

451	Physical activity is associated with accelerated gastric emptying and increased ghrelin in obesity. *Neurogastroenterology and Motility*, **2020**, 32, e13879	4	4
450	Ergogenic Effect of Nitrate Supplementation: A Systematic Review and Meta-analysis. *Medicine and Science in Sports and Exercise*, **2020**, 52, 2250-2261	1.2	22
449	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	3.9	1
448	Forearm vasodilatation to a adrenergic receptor agonist in premenopausal and postmenopausal women. *Experimental Physiology*, **2020**, 105, 886-892	2.4	10
447	Metabo- and mechanoreceptor expression in human heart failure: Relationships with the locomotor muscle afferent influence on exercise responses. *Experimental Physiology*, **2020**, 105, 809-818	2.4	11
446	Warm-up exercise in human type 2 diabetes: is high-intensity exercise required?. *Journal of Applied Physiology*, **2020**, 128, 225-226	3.7	1
445	Physiology and fast marathons. *Journal of Applied Physiology*, **2020**, 128, 1065-1068	3.7	19
444	Human papillomavirus (HPV) vaccine and autonomic disorders: a position statement from the American Autonomic Society. *Autonomic Neuroscience: Basic and Clinical*, **2020**, 223, 102550	2.4	4
443	Sex differences in paediatric airway anatomy. *Experimental Physiology*, **2020**, 105, 721-731	2.4	8
442	Last Word on Viewpoint: Physiology and fast marathons. *Journal of Applied Physiology*, **2020**, 128, 1086-1087	3.7	4
441	Deployment of convalescent plasma for the prevention and treatment of COVID-19. *Journal of Clinical Investigation*, **2020**, 130, 2757-2765	15.9	500
440	SARS-CoV-2 viral load and antibody responses: the case for convalescent plasma therapy. *Journal of Clinical Investigation*, **2020**, 130, 5112-5114	15.9	36
439	Early safety indicators of COVID-19 convalescent plasma in 5000 patients. *Journal of Clinical Investigation*, **2020**, 130, 4791-4797	15.9	286
438	Skeletal Muscle Endurance And Oxygen Uptake Kinetics During Cycling In Patients With High Affinity Hemoglobin. *Medicine and Science in Sports and Exercise*, **2020**, 52, 207-207	1.2	
437	A Novel Method to Measure Transient Impairments in Cognitive Function During Acute Bouts of Hypoxia. *Aerospace Medicine and Human Performance*, **2020**, 91, 839-844	1.1	1
436	Comment on: "Sex Dimorphism of [Formula: see text] Trainability: A Systematic Review and Meta-analysis". *Sports Medicine*, **2020**, 50, 1047-1048	10.6	1
435	Early Safety Indicators of COVID-19 Convalescent Plasma in 5,000 Patients **2020**,		28
434	Effect of Convalescent Plasma on Mortality among Hospitalized Patients with COVID-19: Initial Three-Month Experience **2020**,		142

433	Assessment of resistance vessel function in human skeletal muscle: guidelines for experimental design, Doppler ultrasound, and pharmacology. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 318, H301-H325	5.2	40
432	Influence of high affinity haemoglobin on the response to normoxic and hypoxic exercise. *Journal of Physiology*, **2020**, 598, 1475-1490	3.9	19
431	Lifelong Endurance Exercise as a Countermeasure Against Age-Related [Formula: see text] Decline: Physiological Overview and Insights from Masters Athletes. *Sports Medicine*, **2020**, 50, 703-716	10.6	23
430	Response to: Human papillomavirus (HPV) vaccine safety concerning POTS, CRPS and related conditions. *Clinical Autonomic Research*, **2020**, 30, 183-184	4.3	1
429	Efficacy of Electrical Baroreflex Activation Is Independent of Peripheral Chemoreceptor Modulation. *Hypertension*, **2020**, 75, 257-264	8.5	8
428	Rapid-onset vasodilator responses to exercise in humans: Effect of increased baseline blood flow. *Experimental Physiology*, **2020**, 105, 88-95	2.4	
427	Role of the carotid chemoreceptors in insulin-mediated sympathoexcitation in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2020**, 318, R173-R181	3.2	10
426	Bronchopulmonary dysplasia patients have preserved CT-measured central airway luminal area. *Respiratory Medicine*, **2020**, 170, 106071	4.6	
425	Recruitment Strategy for Potential COVID-19 Convalescent Plasma Donors. *Mayo Clinic Proceedings* , **2020**, 95, 2343-2349	6.4	3
424	The Assessment of Convalescent Plasma Efficacy against COVID-19. *Med*, **2020**, 1, 66-77	31.7	14
423	Respiratory muscle work influences locomotor convective and diffusive oxygen transport in human heart failure during exercise. *Physiological Reports*, **2020**, 8, e14484	2.6	7
422	Safety Update: COVID-19 Convalescent Plasma in 20,000 Hospitalized Patients. *Mayo Clinic Proceedings*, **2020**, 95, 1888-1897	6.4	253
421	Divergence in Timing and Magnitude of Testosterone Levels Between Male and Female Youths. *JAMA - Journal of the American Medical Association*, **2020**, 324, 99-101	27.4	6
420	Locomotor muscle group III/IV afferents constrain stroke volume and contribute to exercise intolerance in human heart failure. *Journal of Physiology*, **2020**, 598, 5379-5390	3.9	12
419	Human papillomavirus (HPV) vaccine and autonomic disorders: a position statement from the American Autonomic Society. *Clinical Autonomic Research*, **2020**, 30, 13-18	4.3	10
418	Hypertrophic cardiomyopathy and exercise: a need for more information. *Journal of Physiology*, **2019**, 597, 1225-1226	3.9	
417	Effective Lowering of Cholesterol With Portfolio Diet in a Highly Trained Young Man. *Mayo Clinic Proceedings*, **2019**, 94, 363-364	6.4	
416	Case Studies in Physiology: Temporal changes in determinants of aerobic performance in individual going from alpine skier to world junior champion time trial cyclist. *Journal of Applied Physiology*, **2019**, 127, 306-311	3.7	10

415	Physiological comparison of hemorrhagic shock and Omax: A conceptual framework for defining the limitation of oxygen delivery. *Experimental Biology and Medicine*, **2019**, 244, 690-701	3.7	5
414	Record-Breaking Performance in a 70-Year-Old Marathoner. *New England Journal of Medicine*, **2019**, 380, 1485-1486	59.2	6
413	Active compression garment prevents tilt-induced orthostatic tachycardia in humans. *Physiological Reports*, **2019**, 7, e14050	2.6	6
412	The historical context and scientific legacy of John O. Holloszy. *Journal of Applied Physiology*, **2019**, 127, 277-305	3.7	7
411	Polygenic Risk Scores That Predict Common Diseases Using Millions of Single Nucleotide Polymorphisms: Is More, Better?. *Clinical Chemistry*, **2019**, 65, 609-611	5.5	21
410	Sustained exercise hyperemia during prolonged adenosine infusion in humans. *Physiological Reports*, **2019**, 7, e14009	2.6	1
409	Can microbes increase exercise performance in athletes?. *Nature Reviews Endocrinology*, **2019**, 15, 629-630	9.2	2
408	Asynchronous action potential discharge in human muscle sympathetic nerve activity. *American Journal of Physiology - Heart and Circulatory Physiology*, **2019**, 317, H754-H764	5.2	7
407	Modelling the relationships between haemoglobin oxygen affinity and the oxygen cascade in humans. *Journal of Physiology*, **2019**, 597, 4193-4202	3.9	11
406	Genetic Approaches for Sports Performance: How Far Away Are We?. *Sports Medicine*, **2019**, 49, 199-204	10.6	14
405	Dissociating the effects of oxygen pressure and content on the control of breathing and acute hypoxic response. *Journal of Applied Physiology*, **2019**, 127, 1622-1631	3.7	8
404	Promises, promises, and precision medicine. *Journal of Clinical Investigation*, **2019**, 129, 946-948	15.9	56
403	The Effects of Age and Cyclooxygenase Inhibition on the Cerebrovascular Response to a Metabolic Stimulus. *FASEB Journal*, **2019**, 33, 528.9	0.9	
402	Breaking3: Performance Characteristics Of A Sub-three-hour Septuagenarian Marathoner. *Medicine and Science in Sports and Exercise*, **2019**, 51, 311-311	1.2	
401	Sex differences in youth elite swimming. *PLoS ONE*, **2019**, 14, e0225724	3.7	8
400	Augmented cerebral blood velocity in response to isometric handgrip exercise in women with a history of preeclampsia. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2019**, 317, R834-R839	3.2	0
399	Cardiovascular Disease Prevention at a Crossroads:: Precision Medicine or Polypill?. *JAMA - Journal of the American Medical Association*, **2019**, 322, 2281-2282	27.4	7
398	Limits to the Evidence that DNA Sequence Differences Contribute to Variability in Fitness and Trainability. *Medicine and Science in Sports and Exercise*, **2019**, 51, 1786-1789	1.2	10

397	Pharmacotherapy in Older Adults with Cardiovascular Disease: Report from an American College of Cardiology, American Geriatrics Society, and National Institute on Aging Workshop. *Journal of the American Geriatrics Society*, **2019**, 67, 371-380	5.6	20
396	Effect of acute hypoxemia on cerebral blood flow velocity control during lower body negative pressure. *Physiological Reports*, **2018**, 6, e13594	2.6	6
395	Role of the carotid body chemoreceptors in glucose homeostasis and thermoregulation in humans. *Journal of Physiology*, **2018**, 596, 3079-3085	3.9	19
394	What's in a name: are menopausal "hot flashes" a symptom of menopause or a manifestation of neurovascular dysregulation?. *Menopause*, **2018**, 25, 700-703	2.5	14
393	Physiological Redundancy and the Integrative Responses to Exercise. *Cold Spring Harbor Perspectives in Medicine*, **2018**, 8,	5.4	7
392	Phosphodiesterase-5 inhibition preserves exercise-onset vasodilator kinetics when NOS activity is reduced. *Journal of Applied Physiology*, **2018**, 124, 276-282	3.7	5
391	Effects of intravenous low-dose dopamine infusion on glucose regulation during prolonged aerobic exercise. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 314, R49-R57	3.2	8
390	Sex differences in large conducting airway anatomy. *Journal of Applied Physiology*, **2018**, 125, 960-965	3.7	43
389	Insulin increases ventilation during euglycemia in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2018**, 315, R84-R89	3.2	13
388	Pharmacological assessment of the contribution of the arterial baroreflex to sympathetic discharge patterns in healthy humans. *Journal of Neurophysiology*, **2018**, 119, 2166-2175	3.2	11
387	Exercise benefits in cardiovascular disease: beyond attenuation of traditional risk factors. *Nature Reviews Cardiology*, **2018**, 15, 731-743	14.8	232
386	Early blood pressure response to isometric exercise is attenuated in obese individuals who have undergone bariatric surgery. *Journal of Applied Physiology*, **2018**, 124, 960-969	3.7	4
385	Concepts About V̇O2max and Trainability Are Context Dependent. *Exercise and Sport Sciences Reviews*, **2018**, 46, 138-143	6.7	27
384	Sympathetic β1-adrenergic signaling contributes to regulation of human bone metabolism. *Journal of Clinical Investigation*, **2018**, 128, 4832-4842	15.9	44
383	Cerebrovascular Reactivity in Habitually Exercising Healthy Adults. *FASEB Journal*, **2018**, 32, 722.29	0.9	
382	The Efficacy of Electrical Baroreflex Activation Therapy is Independent of Peripheral Chemoreceptor Modulation. *FASEB Journal*, **2018**, 32, 884.6	0.9	
381	Sympathetic Neuro-Hemodynamic Transduction at Rest in Subjects with Low and High Tolerance to Simulated Blood Loss. *FASEB Journal*, **2018**, 32, lb266	0.9	
380	Cerebrovascular Reactivity and Vascular Activation in Postmenopausal Women With Histories of Preeclampsia. *Hypertension*, **2018**, 71, 110-117	8.5	18

379	Biological Reductionism versus Redundancy in a Degenerate World. *Perspectives in Biology and Medicine*, **2018**, 61, 517-526	1.5	1
378	Blood pressure reactivity at onset of mental stress determines sympathetic vascular response in young adults. *Physiological Reports*, **2018**, 6, e13944	2.6	6
377	The role of the paravertebral ganglia in human sympathetic neural discharge patterns. *Journal of Physiology*, **2018**, 596, 4497-4510	3.9	8
376	Aging Alters the Relative Contributions of the Sympathetic and Parasympathetic Nervous System to Blood Pressure Control in Women. *Hypertension*, **2018**, 72, 1236-1242	8.5	25
375	Elevated extracellular potassium prior to muscle contraction reduces onset and steady-state exercise hyperemia in humans. *Journal of Applied Physiology*, **2018**, 125, 615-623	3.7	6
374	Nitric Oxide, Normal Science, and Lessons Learned by a Marginally Prepared Mind. *Perspectives in Biology and Medicine*, **2018**, 61, 191-200	1.5	
373	Underperforming Big Ideas in Biomedical Research-Reply. *JAMA - Journal of the American Medical Association*, **2017**, 317, 322	27.4	1
372	Three hours of intermittent hypoxia increases circulating glucose levels in healthy adults. *Physiological Reports*, **2017**, 5, e13106	2.6	37
371	Direct-to-Consumer Testing. *Clinical Chemistry*, **2017**, 63, 635-641	5.5	7
370	Exercise and trainability: contexts and consequences. *Journal of Physiology*, **2017**, 595, 3239-3240	3.9	7
369	V o kinetics associated with moderate-intensity exercise in heart failure: impact of intrathecal fentanyl inhibition of group III/IV locomotor muscle afferents. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H114-H124	5.2	10
368	Autonomic control of body temperature and blood pressure: influences of female sex hormones. *Clinical Autonomic Research*, **2017**, 27, 149-155	4.3	58
367	Neural control of blood pressure in women: differences according to age. *Clinical Autonomic Research*, **2017**, 27, 157-165	4.3	9
366	Comparison of the vasodilatory effects of sodium nitroprusside vs. nitroglycerin. *Journal of Applied Physiology*, **2017**, 123, 402-406	3.7	6
365	Sympatholytic effect of intravascular ATP is independent of nitric oxide, prostaglandins, Na /K -ATPase and K channels in humans. *Journal of Physiology*, **2017**, 595, 5175-5190	3.9	25
364	Influence of sympathetic nerve activity on aortic hemodynamics and pulse wave velocity in women. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 312, H340-H346	5.2	36
363	Aortic hemodynamics and white matter hyperintensities in normotensive postmenopausal women. *Journal of Neurology*, **2017**, 264, 938-945	5.5	20
362	Physiological limits to endurance exercise performance: influence of sex. *Journal of Physiology*, **2017**, 595, 2949-2954	3.9	49

361	Potentiation of the NO-cGMP pathway and blood flow responses during dynamic exercise in healthy humans. *European Journal of Applied Physiology*, **2017**, 117, 237-246	3.4	4
360	Erythropoietin on cycling performance. *Lancet Haematology,the*, **2017**, 4, e459-e460	14.6	2
359	The 2-hour marathon: what do students think?. *American Journal of Physiology - Advances in Physiology Education*, **2017**, 41, 522-525	1.9	2
358	The effects of slow-paced versus mechanically assisted breathing on autonomic function in fibromyalgia patients. *Journal of Pain Research*, **2017**, 10, 2761-2768	2.9	2
357	Intact blood pressure, but not sympathetic, responsiveness to sympathoexcitatory stimuli in a patient with unilateral carotid body resection. *Physiological Reports*, **2017**, 5, e13212	2.6	4
356	Resting sympathetic activity is associated with the sympathetically mediated component of energy expenditure following a meal. *Physiological Reports*, **2017**, 5, e13389	2.6	5
355	Sympathetic responsiveness is not increased in women with a history of hypertensive pregnancy. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2017**, 312, R49-R54	3.2	7
354	Effects of strict prolonged bed rest on cardiorespiratory fitness: systematic review and meta-analysis. *Journal of Applied Physiology*, **2017**, 123, 790-799	3.7	24
353	Impact of sleep disordered breathing on carotid body size. *Respiratory Physiology and Neurobiology*, **2017**, 236, 5-10	2.8	4
352	Acute cyclooxygenase inhibition and baroreflex sensitivity in lean and obese adults. *Clinical Autonomic Research*, **2017**, 27, 17-23	4.3	8
351	Bengt Saltin and exercise physiology: a perspective. *Applied Physiology, Nutrition and Metabolism*, **2017**, 42, 101-103	3	1
350	Aortic hemodynamics in postmenopausal women following cessation of hormone therapy. *Physiological Reports*, **2017**, 5, e13535	2.6	5
349	Physiological Mechanisms Mediating the Coupling between Heart Period and Arterial Pressure in Response to Postural Changes in Humans. *Frontiers in Physiology*, **2017**, 8, 163	4.6	23
348	Enhanced Coupling Within Gonadotropic and Adrenocorticotropic Axes by Moderate Exercise in Healthy Men. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 2482-2490	5.6	5
347	Long Term Effects of Menopausal Hormone Therapy on Cerebral Pulsatility Index. *Medicine and Science in Sports and Exercise*, **2017**, 49, 342-343	1.2	
346	Patients With Fibromyalgia Have Significant Autonomic Symptoms But Modest Autonomic Dysfunction. *PM and R*, **2016**, 8, 425-35	2.2	14
345	Prolonged adenosine triphosphate infusion and exercise hyperemia in humans. *Journal of Applied Physiology*, **2016**, 121, 629-35	3.7	8
344	Incidence of sudden cardiac death in professional cycling: Sudden cardiac death and exercise. *International Journal of Cardiology*, **2016**, 223, 222-223	3.2	2

343	Reply. *Experimental Physiology*, **2016**, 101, 449-50	2.4	1
342	Clinical neurocardiology defining the value of neuroscience-based cardiovascular therapeutics. *Journal of Physiology*, **2016**, 594, 3911-54	3.9	131
341	Quantifying sympathetic neuro-haemodynamic transduction at rest in humans: insights into sex, ageing and blood pressure control. *Journal of Physiology*, **2016**, 594, 4753-68	3.9	64
340	Blood Pressure: Return of the Sympathetics?. *Current Hypertension Reports*, **2016**, 18, 7	4.7	7
339	A disposable, flexible skin patch for clinical optical perfusion monitoring at multiple depths. *Proceedings of SPIE*, **2016**, 9715,	1.7	6
338	Interindividual variability in the dose-specific effect of dopamine on carotid chemoreceptor sensitivity to hypoxia. *Journal of Applied Physiology*, **2016**, 120, 138-47	3.7	23
337	Value of Personalized Medicine--Reply. *JAMA - Journal of the American Medical Association*, **2016**, 315, 613-4	27.4	1
336	Precision Medicine, Cardiovascular Disease and Hunting Elephants. *Progress in Cardiovascular Diseases*, **2016**, 58, 651-60	8.5	24
335	Endurance Exercise and the Heart: Friend or Foe?. *Sports Medicine*, **2016**, 46, 459-66	10.6	13
334	Improved Ventilatory Efficiency with Locomotor Muscle Afferent Inhibition is Strongly Associated with Leg Composition in Heart Failure. *International Journal of Cardiology*, **2016**, 202, 159-66	3.2	10
333	Hemodynamic responses to simulated hemorrhage: Role for the carotid bodies. *FASEB Journal*, **2016**, 30, 1241.4	0.9	
332	White Blood Cell Counts during Lower Body Negative Pressure vs. Blood Loss in Humans. *FASEB Journal*, **2016**, 30, 1241.1	0.9	
331	Fast men slow more than fast women in a 10 kilometer road race. *PeerJ*, **2016**, 4, e2235	3.1	21
330	Sex differences and blood pressure regulation in humans. *Experimental Physiology*, **2016**, 101, 349-55	2.4	105
329	Preclinical and clinical evaluation of autonomic function in humans. *Journal of Physiology*, **2016**, 594, 4009-13	3.9	15
328	Instrument to detect syncope and the onset of shock. *Proceedings of SPIE*, **2016**, 9708,	1.7	5
327	Reductions in carotid chemoreceptor activity with low-dose dopamine improves baroreflex control of heart rate during hypoxia in humans. *Physiological Reports*, **2016**, 4, e12859	2.6	8
326	Neurovascular control of blood pressure is influenced by aging, sex, and sex hormones. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2016**, 311, R1271-R1275	3.2	50

325	Fatigue: Where Did We Come from and How Did We Get Here?. *Medicine and Science in Sports and Exercise*, **2016**, 48, 2224-2227	1.2	2
324	White blood cell concentrations during lower body negative pressure and blood loss in humans. *Experimental Physiology*, **2016**, 101, 1265-1275	2.4	11
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4	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors		2
3	Technological advances in elite marathon performance		1
2	Convalescent Plasma and Improved Survival in Patients with Hematologic Malignancies and COVID-19		12