Maureen Jane MacDonald

List of Publications by Year in Descending Order

147 papers	5,633 citations	36 h-index	73 g-index
160 ext. papers	6,366 ext. citations	2.8 avg, IF	5.76 L-index

#	Paper	IF	Citations
147	Examination of Sex-Specific Participant Inclusion in Exercise Physiology Endothelial Function Research: A Systematic Review.. *Frontiers in Sports and Active Living*, **2022**, 4, 860356	2.3	0
146	Cardiovascular responses to high-intensity stair climbing in individuals with coronary artery disease.. *Physiological Reports*, **2022**, 10, e15308	2.6	
145	Physical Activity and Trajectories of Cardiovascular Health Indicators During Early Childhood **2021**, 277-287		
144	Long-Term Enrollment in Cardiac Rehabilitation Benefits of Cardiorespiratory Fitness and Skeletal Muscle Strength in Females with Cardiovascular Disease.. *Women S Health Reports*, **2021**, 2, 543-549	0.5	0
143	Statistical Inferences Using Effect Sizes in Human Endothelial Function Research.. *Artery Research*, **2021**, 27, 176-185	2.2	0
142	Both Traditional and Stair Climbing-based HIIT Cardiac Rehabilitation Induce Beneficial Muscle Adaptations. *Medicine and Science in Sports and Exercise*, **2021**, 53, 1114-1124	1.2	2
141	The impact of the 24-h movement spectrum on vascular remodeling in older men and women: a review. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 320, H1136-H1155	5.2	1
140	Commentaries on Viewpoint: Differential impact of shear rate in the cerebral and systemic circulation: implications for endothelial function. *Journal of Applied Physiology*, **2021**, 130, 1155-1160	3.7	1
139	Twelve weeks of sprint interval training increases peak cardiac output in previously untrained individuals. *European Journal of Applied Physiology*, **2021**, 121, 2449-2458	3.4	1
138	Prolonged Elevation of Arterial Stiffness Following Peak Aerobic Exercise in Individuals With Chronic Stroke. *Frontiers in Physiology*, **2021**, 12, 666171	4.6	1
137	Effects of Choice of Medical Imaging Modalities on a Non-invasive Diagnostic and Monitoring Computational Framework for Patients With Complex Valvular, Vascular, and Ventricular Diseases Who Undergo Transcatheter Aortic Valve Replacement. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 643453	5.8	4
136	Sleep deprivation and endothelial function: reconciling seminal evidence with recent perspectives. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 320, H29-H35	5.2	12
135	Influence of hormonal contraceptives on peripheral vascular function and structure in premenopausal females: a review. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 320, H77-H89	5.2	8
134	A history of smoking does not reduce long-term benefits of cardiac rehabilitation on cardiorespiratory fitness in men and women with cardiovascular disease. *Applied Physiology, Nutrition and Metabolism*, **2021**, 46, 155-160	3	1
133	Methodological considerations for and validation of the ultrasonographic determination of human skeletal muscle hypertrophy and atrophy. *Physiological Reports*, **2021**, 9, e14683	2.6	7
132	Brief Vigorous Stair Climbing Effectively Improves Cardiorespiratory Fitness in Patients With Coronary Artery Disease: A Randomized Trial. *Frontiers in Sports and Active Living*, **2021**, 3, 630912	2.3	6
131	Improvements in vascular function in response to acute lower limb heating in young healthy males and females. *Journal of Applied Physiology*, **2021**, 131, 277-289	3.7	4

130	Exercise Improves Cardiorespiratory Fitness, but Not Arterial Health, after Spinal Cord Injury: The CHOICES Trial. *Journal of Neurotrauma*, **2021**, 38, 3020-3029	5.4	2
129	Carotid Artery Longitudinal Wall Motion Is Unaffected by 12 Weeks of Endurance, Sprint Interval or Resistance Exercise Training. *Ultrasound in Medicine and Biology*, **2020**, 46, 992-1000	3.5	3
128	Is High-intensity Stair Climbing An Effective Alternative To Traditional Cardiac Rehabilitation Exercise?. *Medicine and Science in Sports and Exercise*, **2020**, 52, 440-440	1.2	1
127	Skeletal Muscle Adaptation In Cardiac Rehabilitation Patients Undertaking Traditional Or Higher Intensity Stair-climbing Exercise. *Medicine and Science in Sports and Exercise*, **2020**, 52, 715-715	1.2	
126	The effects of an individualized health-risk report intervention on changes in perceived inactivity-related disease risk in adults with cerebral palsy. *Disability and Health Journal*, **2020**, 13, 100868	4.2	1
125	Impact of the menstrual cycle on peripheral vascular function in premenopausal women: systematic review and meta-analysis. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 319, H1327-H1337	5.2	20
124	Commentaries on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control. *Journal of Applied Physiology*, **2020**, 129, 1122-1135	3.7	4
123	Carotid Wall Longitudinal Motion in Ultrasound Imaging: An Expert Consensus Review. *Ultrasound in Medicine and Biology*, **2020**, 46, 2605-2624	3.5	11
122	Physical Literacy, Physical Activity, and Health Indicators in School-Age Children. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	22
121	Perceptually regulated training does not influence the differentiated RPE response following 16-weeks of aerobic exercise in adults with spinal cord injury. *Applied Physiology, Nutrition and Metabolism*, **2020**, 45, 129-134	3	0
120	Time-efficient physical training for enhancing cardiovascular function in midlife and older adults: promise and current research gaps. *Journal of Applied Physiology*, **2019**, 127, 1427-1440	3.7	19
119	Long-term Enrollment in Cardiac Rehabilitation Benefits Cardiorespiratory Fitness and Skeletal Muscle Strength in Men With Cardiovascular Disease. *Canadian Journal of Cardiology*, **2019**, 35, 1359-1365	3.8	4
118	Associations between arterial stiffness and blood pressure fluctuations after spinal cord injury. *Spinal Cord*, **2019**, 57, 1057-1063	2.7	6
117	Associations between carotid artery longitudinal wall motion and arterial stiffness indicators in young children. *Atherosclerosis*, **2019**, 287, 64-69	3.1	4
116	Physical Activity and Trajectories of Cardiovascular Health Indicators During Early Childhood. *Pediatrics*, **2019**, 144,	7.4	23
115	Peripheral artery endothelial function responses to altered shear stress patterns in humans. *Experimental Physiology*, **2019**, 104, 1126-1135	2.4	13
114	Retrograde shift in carotid artery longitudinal wall motion after one-year follow-up in children. *Atherosclerosis*, **2019**, 288, 26-32	3.1	3
113	Emerging evidence for accelerated ageing and cardiovascular disease in individuals with cerebral palsy. *Journal of Rehabilitation Medicine*, **2019**, 51, 525-531	3.4	7

112	A Longitudinal Investigation On The Effect Of Age And Sex On Flow-mediated Dilation In Children. *Medicine and Science in Sports and Exercise*, **2019**, 51, 807-807	1.2	
111	Comparison between esophageal and intestinal temperature responses to upper-limb exercise in individuals with spinal cord injury. *Spinal Cord*, **2019**, 57, 586-593	2.7	8
110	Effect of heat stress on vascular outcomes in humans. *Journal of Applied Physiology*, **2019**, 126, 771-781	3.7	16
109	Effect of Heating Duration on Brachial Artery Endothelial Function in Humans. *Medicine and Science in Sports and Exercise*, **2019**, 51, 663-663	1.2	3
108	Characterization Of Exercise Blood Pressure Responses In Adolescents With A Chronic Inflammatory Condition. *Medicine and Science in Sports and Exercise*, **2019**, 51, 678-678	1.2	
107	Peak oxygen uptake measured during a perceptually-regulated exercise test is reliable in community-based manual wheelchair users. *Journal of Sports Sciences*, **2019**, 37, 701-707	3.6	0
106	Unaltered left ventricular mechanics and remodelling after 12 weeks of resistance exercise training - a longitudinal study in men. *Applied Physiology, Nutrition and Metabolism*, **2019**, 44, 820-826	3	2
105	Effects of exercise interventions on cardiovascular health in individuals with chronic, motor complete spinal cord injury: protocol for a randomised controlled trial [Cardiovascular Health/Outcomes: Improvements Created by Exercise and education in SCI (CHOICES) Study]. *BMJ Open*, **2019**, 9, e023540	3	7
104	Carotid extra-media thickness increases with age, but is not related to arterial stiffness in adults. *Artery Research*, **2018**, 21, 13	2.2	2
103	Automated ultrasound edge-tracking software comparable to established semi-automated reference software for carotid intima-media thickness analysis. *Clinical Physiology and Functional Imaging*, **2018**, 38, 396-401	2.4	6
102	Cardiac and haemodynamic influence on carotid artery longitudinal wall motion. *Experimental Physiology*, **2018**, 103, 141-152	2.4	10
101	Cardiovascular aging and the microcirculation of skeletal muscle: using contrast-enhanced ultrasound. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H1194-H1199	5.2	4
100	Assessing Ventilatory Threshold in Individuals With Motor-Complete Spinal Cord Injury. *Archives of Physical Medicine and Rehabilitation*, **2018**, 99, 1991-1997	2.8	3
99	Horizon meeting on cardiovascular physiology: Dedicated to Dr. Mike Sharratt. *Applied Physiology, Nutrition and Metabolism*, **2018**, 43, 865-868	3	
98	Brachial artery endothelial function is unchanged after acute sprint interval exercise in sedentary men and women. *Experimental Physiology*, **2018**, 103, 968-975	2.4	6
97	Brachial artery endothelial function is stable across a menstrual and oral contraceptive pill cycle but lower in premenopausal women than in age-matched men. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H366-H374	5.2	48
96	Effect of sex, menstrual cycle phase, and monophasic oral contraceptive pill use on local and central arterial stiffness in young adults. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H357-H365	5.2	24
95	An assessment of intra-individual variability in carotid artery longitudinal wall motion: recommendations for data acquisition. *Physiological Measurement*, **2018**, 39, 09NT01	2.9	7

94	Absence of Functional Left Ventricular Adaption With Short-Term Resistance Exercise Training in Young Men. *Medicine and Science in Sports and Exercise*, **2018**, 50, 848	1.2	
93	Differences in cardiovascular health in ambulatory persons with cerebral palsy. *Journal of Rehabilitation Medicine*, **2018**, 50, 892-897	3.4	4
92	Reduced common carotid artery longitudinal wall motion and intramural shear strain in individuals with elevated cardiovascular disease risk using speckle tracking. *Clinical Physiology and Functional Imaging*, **2017**, 37, 106-116	2.4	28
91	Canadian Society for Exercise Physiology Symposium on Integrative Physiology Honouring Dr. Bengt Saltin: The use of Exercise to Study Integrative Physiology. *Applied Physiology, Nutrition and Metabolism*, **2017**, 42, 99	3	
90	Effect of sex on the acute skeletal muscle response to sprint interval exercise. *Experimental Physiology*, **2017**, 102, 354-365	2.4	19
89	Cardiovascular testing in patients with postural tachycardia syndrome and Ehlers-Danlos type III: authorsRresponse. *Clinical Autonomic Research*, **2017**, 27, 119-120	4.3	
88	Modeling Perceived Exertion during Graded Arm Cycling Exercise in Spinal Cord Injury. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1190-1196	1.2	11
87	Diastolic Carotid Artery Longitudinal Wall Motion Is Sensitive to Both Aging and Coronary Artery Disease Status Independent of Arterial Stiffness. *Ultrasound in Medicine and Biology*, **2017**, 43, 1906-1918	2.5	13
86	Changes in brachial artery endothelial function and resting diameter with moderate-intensity continuous but not sprint interval training in sedentary men. *Journal of Applied Physiology*, **2017**, 123, 773-780	3.7	23
85	Cardiovascular profile in postural orthostatic tachycardia syndrome and Ehlers-Danlos syndrome type III. *Clinical Autonomic Research*, **2017**, 27, 113-116	4.3	12
84	Arterial Stiffness Is Reduced Regardless of Resistance Training Load in Young Men. *Medicine and Science in Sports and Exercise*, **2017**, 49, 342-348	1.2	25
83	The Authors Respond. *Archives of Physical Medicine and Rehabilitation*, **2016**, 97, 171-3	2.8	
82	Cardiovascular Health after Spinal Cord Injury: A Comprehensive Examination of Traditional and Emerging Risk Factors. *Critical Reviews in Physical and Rehabilitation Medicine*, **2016**, 28, 155-174	0.3	1
81	Associations between measures of vascular structure and function and systemic circulating blood markers in humans. *Physiological Reports*, **2016**, 4, e12982	2.6	6
80	Carotid artery longitudinal wall motion is associated with local blood velocity and left ventricular rotational, but not longitudinal, mechanics. *Physiological Reports*, **2016**, 4, e12872	2.6	21
79	The Authors Respond. *Archives of Physical Medicine and Rehabilitation*, **2016**, 97, 174-5	2.8	
78	Predicting peak oxygen uptake from submaximal exercise after spinal cord injury. *Applied Physiology, Nutrition and Metabolism*, **2016**, 41, 775-81	3	8
77	The Authors Respond. *Archives of Physical Medicine and Rehabilitation*, **2016**, 97, 1039-40	2.8	

76	Objectively measured physical activity levels of young children with congenital heart disease. *Cardiology in the Young*, **2015**, 25, 520-5	1	21
75	Importance of early cardiac rehabilitation on changes in exercise capacity: a retrospective pilot study. *Applied Physiology, Nutrition and Metabolism*, **2015**, 40, 1314-7	3	4
74	Associations of non-invasive measures of arterial structure and function, and traditional indicators of cardiovascular risk in adults with cerebral palsy. *Atherosclerosis*, **2015**, 243, 462-5	3.1	15
73	Following the Physical Activity Guidelines for Adults With Spinal Cord Injury for 16 Weeks Does Not Improve Vascular Health: A Randomized Controlled Trial. *Archives of Physical Medicine and Rehabilitation*, **2015**, 96, 1566-75	2.8	52
72	A 16-week randomized controlled trial evaluating the physical activity guidelines for adults with spinal cord injury. *Spinal Cord*, **2015**, 53, 363-7	2.7	38
71	Effects of resistance training combined with moderate-intensity endurance or low-volume high-intensity interval exercise on cardiovascular risk factors in patients with coronary artery disease. *Journal of Science and Medicine in Sport*, **2015**, 18, 637-42	4.4	43
70	Lower limb conduit artery endothelial responses to acute upper limb exercise in spinal cord injured and able-bodied men. *Physiological Reports*, **2015**, 3, e12367	2.6	6
69	Impact of shear rate pattern on upper and lower limb conduit artery endothelial function in both spinal cord-injured and able-bodied men. *Experimental Physiology*, **2015**, 100, 1107-17	2.4	19
68	Descriptive data on cardiovascular and metabolic risk factors in ambulatory and non-ambulatory adults with cerebral palsy. *Data in Brief*, **2015**, 5, 967-70	1.2	11
67	Quantification of Physical Activity and Sedentary Time in Adults with Cerebral Palsy. *Medicine and Science in Sports and Exercise*, **2015**, 47, 1719-26	1.2	31
66	Low-load resistance training during step-reduction attenuates declines in muscle mass and strength and enhances anabolic sensitivity in older men. *Physiological Reports*, **2015**, 3, e12493	2.6	62
65	Influences of nutrition and adiposity on bone mineral density in individuals with chronic spinal cord injury: A cross-sectional, observational study. *Bone Reports*, **2015**, 2, 26-31	2.6	14
64	Day-to-day Variability in Arterial Diameter and Brachial Artery Flow-Mediated Dilation in Sedentary Young Men and Women. *FASEB Journal*, **2015**, 29, LB571	0.9	1
63	Citrulline does not enhance blood flow, microvascular circulation, or myofibrillar protein synthesis in elderly men at rest or following exercise. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 307, E71-83	6	46
62	Endothelial function increases after a 16-week diet and exercise intervention in overweight and obese young women. *BioMed Research International*, **2014**, 2014, 327395	3	16
61	Brachial artery endothelial responses during early recovery from an exercise bout in patients with coronary artery disease. *BioMed Research International*, **2014**, 2014, 591918	3	18
60	Superficial femoral artery endothelial responses to a short-term altered shear rate intervention in healthy men. *PLoS ONE*, **2014**, 9, e113407	3.7	20
59	Reduced heart rate variability and baroreflex sensitivity in normotensive children with repaired coarctation of the aorta. *International Journal of Cardiology*, **2013**, 168, 587-8	3.2	5

58	Isometric handgrip training lowers blood pressure and increases heart rate complexity in medicated hypertensive patients. *Scandinavian Journal of Medicine and Science in Sports*, **2013**, 23, 620-6	4.6	58
57	Resistance exercise order does not determine postexercise delivery of testosterone, growth hormone, and IGF-1 to skeletal muscle. *Applied Physiology, Nutrition and Metabolism*, **2013**, 38, 220-6	3	9
56	Heart rate recovery and heart rate variability are unchanged in patients with coronary artery disease following 12 weeks of high-intensity interval and moderate-intensity endurance exercise training. *Applied Physiology, Nutrition and Metabolism*, **2013**, 38, 644-50	3	33
55	Step count targets corresponding to new physical activity guidelines for the early years. *Medicine and Science in Sports and Exercise*, **2013**, 45, 314-8	1.2	23
54	Sprinting towards a time-efficient strategy for microvascular remodelling in humans. *Journal of Physiology*, **2013**, 591, 603-4	3.9	1
53	Low-volume, high-intensity interval training in patients with CAD. *Medicine and Science in Sports and Exercise*, **2013**, 45, 1436-42	1.2	105
52	Investigating relationships between arterial stiffness and collagen turnover in humans. *FASEB Journal*, **2013**, 27, 1136.17	0.9	
51	Reply from M. J. Gibala, J. P. Little, M. J. MadDonald and J. A. Hawley. *Journal of Physiology*, **2012**, 590, 3391-3391	3.9	1
50	Vascular and autonomic function in preschool-aged children with congenital heart disease. *Congenital Heart Disease*, **2012**, 7, 289-97	3.1	7
49	Physiological adaptations to low-volume, high-intensity interval training in health and disease. *Journal of Physiology*, **2012**, 590, 1077-84	3.9	863
48	The health outcomes and physical activity in preschoolers (HOPP) study: rationale and design. *BMC Public Health*, **2012**, 12, 284	4.1	24
47	Autonomic recovery following sprint interval exercise. *Scandinavian Journal of Medicine and Science in Sports*, **2012**, 22, 756-63	4.6	36
46	Flow-mediated dilation is acutely improved after high-intensity interval exercise. *Medicine and Science in Sports and Exercise*, **2012**, 44, 2057-64	1.2	62
45	Arterial structure and function in ambulatory adolescents with cerebral palsy are not different from healthy controls. *International Journal of Pediatrics (United Kingdom)*, **2012**, 2012, 168209	2.1	12
44	Leg skin temperature with body-weight-supported treadmill and tilt-table standing training after spinal cord injury. *Spinal Cord*, **2011**, 49, 149-53	2.7	7
43	Short-term unilateral leg immobilization alters peripheral but not central arterial structure and function in healthy young humans. *European Journal of Applied Physiology*, **2011**, 111, 203-10	3.4	12
42	Carbohydrate does not augment exercise-induced protein accretion versus protein alone. *Medicine and Science in Sports and Exercise*, **2011**, 43, 1154-61	1.2	110
41	Bolus arginine supplementation affects neither muscle blood flow nor muscle protein synthesis in young men at rest or after resistance exercise. *Journal of Nutrition*, **2011**, 141, 195-200	4.1	55

40	Effects of isometric handgrip protocol on blood pressure and neurocardiac modulation. *International Journal of Sports Medicine*, **2011**, 32, 174-80	3.6	23
39	Effect of glycogen availability on human skeletal muscle protein turnover during exercise and recovery. *Journal of Applied Physiology*, **2010**, 109, 431-8	3.7	75
38	Noninvasive measures of vascular health are reliable in preschool-aged children. *Applied Physiology, Nutrition and Metabolism*, **2010**, 35, 512-7	3	14
37	Effect of acute sprint interval exercise on central and peripheral artery distensibility in young healthy males. *European Journal of Applied Physiology*, **2009**, 105, 787-95	3.4	57
36	Isometric handgrip exercise improves acute neurocardiac regulation. *European Journal of Applied Physiology*, **2009**, 107, 509-15	3.4	44
35	Effects of short-term training on heart rate dynamics in individuals with spinal cord injury. *Autonomic Neuroscience: Basic and Clinical*, **2009**, 150, 116-21	2.4	30
34	Heart rate variability and nonlinear analysis of heart rate dynamics following single and multiple Wingate bouts. *Applied Physiology, Nutrition and Metabolism*, **2009**, 34, 875-83	3	23
33	Cardiovascular reactivity to psychophysiological stressors: association with hypotensive effects of isometric handgrip training. *Blood Pressure Monitoring*, **2009**, 14, 190-5	1.3	12
32	Interval exercise is a path to good health, but how much, how often and for whom?. *Clinical Science*, **2009**, 116, 315-6	6.5	12
31	Commentaries on viewpoint: pick your Poiseuille: normalizing the shear stimulus in studies of flow-mediated dilation. *Journal of Applied Physiology*, **2009**, 107, 1360; author reply 1366	3.7	2
30	Improving communication of critical test results in a pediatric academic setting: key lessons in achieving and sustaining positive outcomes. *Healthcare Quarterly*, **2009**, 12 Spec No Patient, 116-22		6
29	Similar metabolic adaptations during exercise after low volume sprint interval and traditional endurance training in humans. *Journal of Physiology*, **2008**, 586, 151-60	3.9	720
28	Sprint interval and traditional endurance training induce similar improvements in peripheral arterial stiffness and flow-mediated dilation in healthy humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2008**, 295, R236-42	3.2	207
27	The hypotensive effects of isometric handgrip training using an inexpensive spring handgrip training device. *Journal of Cardiopulmonary Rehabilitation and Prevention*, **2008**, 28, 203-7	3.6	64
26	Isometric handgrip training improves local flow-mediated dilation in medicated hypertensives. *European Journal of Applied Physiology*, **2007**, 99, 227-34	3.4	67
25	Effects of isometric handgrip training among people medicated for hypertension: a multilevel analysis. *Blood Pressure Monitoring*, **2007**, 12, 307-14	1.3	62
24	Effect of unilateral resistance training on arterial compliance in elderly men. *Applied Physiology, Nutrition and Metabolism*, **2007**, 32, 670-6	3	9
23	Isometric handgrip training does not improve flow-mediated dilation in subjects with normal blood pressure. *Clinical Science*, **2007**, 112, 403-9	6.5	50

22	Consumption of fluid skim milk promotes greater muscle protein accretion after resistance exercise than does consumption of an isonitrogenous and isoenergetic soy-protein beverage. *American Journal of Clinical Nutrition*, **2007**, 85, 1031-40	7	366
21	The effect of ultrasound probe orientation on muscle architecture measurement. *Journal of Electromyography and Kinesiology*, **2007**, 17, 504-14	2.5	106
20	Acute vascular responses to isometric handgrip exercise and effects of training in persons medicated for hypertension. *American Journal of Physiology - Heart and Circulatory Physiology*, **2006** , 291, H1797-802	5.2	71
19	Isometric handgrip training improves local flow-mediated dilation in medicated hypertensives. *European Journal of Applied Physiology*, **2006**, 98, 355-62	3.4	35
18	Electrical stimulation alters FMD and arterial compliance in extremely inactive legs. *Medicine and Science in Sports and Exercise*, **2005**, 37, 1356-64	1.2	44
17	Effects of body weight-supported treadmill training on heart rate variability and blood pressure variability in individuals with spinal cord injury. *Journal of Applied Physiology*, **2005**, 98, 1519-25	3.7	79
16	The effects of body-weight supported treadmill training on cardiovascular regulation in individuals with motor-complete SCI. *Spinal Cord*, **2005**, 43, 664-73	2.7	58
15	Effect of whole body resistance training on arterial compliance in young men. *Experimental Physiology*, **2005**, 90, 645-51	2.4	89
14	Reproducibility of heart rate variability and blood pressure variability in individuals with spinal cord injury. *Clinical Autonomic Research*, **2005**, 15, 387-93	4.3	38
13	Endothelial function of young healthy males following whole body resistance training. *Journal of Applied Physiology*, **2005**, 98, 2185-90	3.7	117
12	Reduced oxygen uptake during steady state exercise after 21-day mountain climbing expedition to 6,194 m. *Applied Physiology, Nutrition, and Metabolism*, **2001**, 26, 143-56		13
11	Interpreting V□ 2 Kinetics in Heavy Exercise. *Journal of Applied Physiology*, **2001**, 91, 530-532	3.7	3
10	Peripheral circulatory factors limit rate of increase in muscle O(2) uptake at onset of heavy exercise. *Journal of Applied Physiology*, **2001**, 90, 83-9	3.7	49
9	Effect of hyperoxia and hypoxia on leg blood flow and pulmonary and leg oxygen uptake at the onset of kicking exercise. *Canadian Journal of Physiology and Pharmacology*, **2000**, 78, 67-74	2.4	35
8	Comparison of femoral blood gases and muscle near-infrared spectroscopy at exercise onset in humans. *Journal of Applied Physiology*, **1999**, 86, 687-93	3.7	80
7	Effect of hyperoxia and hypoxia on leg blood flow and pulmonary and leg oxygen uptake at the onset of kicking exercise. *Canadian Journal of Physiology and Pharmacology*, **1999**, 78, 67-74	2.4	2
6	Alveolar oxygen uptake and femoral artery blood flow dynamics in upright and supine leg exercise in humans. *Journal of Applied Physiology*, **1998**, 85, 1622-8	3.7	145
5	Time course of brachial artery diameter responses to rhythmic handgrip exercise in humans. *Cardiovascular Research*, **1997**, 35, 125-31	9.9	50

4	Acceleration of VO2 kinetics in heavy submaximal exercise by hyperoxia and prior high-intensity exercise. *Journal of Applied Physiology*, **1997**, 83, 1318-25	3.7	245
3	Effect of acute plasma volume expansion on substrate turnover during prolonged low-intensity exercise. *American Journal of Physiology - Endocrinology and Metabolism*, **1997**, 273, E297-304	6	3
2	Alveolar Oxygen Uptake and Blood Flow Dynamics in Knee Extension Ergometry. *Methods of Information in Medicine*, **1997**, 36, 364-367	1.5	10
1	Progressive effect of endurance training on VO2 kinetics at the onset of submaximal exercise. *Journal of Applied Physiology*, **1995**, 79, 1914-20	3.7	168