Maria Hopman

List of Publications by Year
in descending order

279	8,612	44069	74163
papers	citations	48 h-index	75 g-index

280	280	280	9967
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vascular Adaptation to Exercise in Humans: Role of Hemodynamic Stimuli. Physiological Reviews, 2017, 97, 495-528.	28.8	456
2	Impact of inactivity and exercise on the vasculature in humans. European Journal of Applied Physiology, 2010, 108, 845-875.	2.5	242
3	A systematic review and metaâ€analysis on the effects of exercise training versus hypocaloric diet: distinct effects on body weight and visceral adipose tissue. Obesity Reviews, 2016, 17, 664-690.	6.5	227
4	Ischemic preconditioning improves maximal performance in humans. European Journal of Applied Physiology, 2010, 108, 141-146.	2.5	180
5	Flowâ€mediated dilatation in the superficial femoral artery is nitric oxide mediated in humans. Journal of Physiology, 2008, 586, 1137-1145.	2.9	164
6	Systematic review of the effects of physical exercise training programmes in children and young adults with congenital heart disease. International Journal of Cardiology, 2013, 168, 1779-1787.	1.7	159
7	Brachial Artery Blood Flow Responses to Different Modalities of Lower Limb Exercise. Medicine and Science in Sports and Exercise, 2009, 41, 1072-1079.	0.4	150
8	Precooling and percooling (cooling during exercise) both improve performance in the heat: a meta-analytical review. British Journal of Sports Medicine, 2015, 49, 377-384.	6.7	149
9	Cooling interventions for athletes: An overview of effectiveness, physiological mechanisms, and practical considerations. Temperature, 2017, 4, 60-78.	3.0	142
10	Vascular adaptation to deconditioning and the effect of an exercise countermeasure: results of the Berlin Bed Rest study. Journal of Applied Physiology, 2005, 99, 1293-1300.	2.5	133
11	Haematopoietic stem cells and endothelial progenitor cells in healthy men: effect of aging and training. Aging Cell, 2006, 5, 495-503.	6.7	132
12	The 2017 Dutch Physical Activity Guidelines. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 58.	4.6	123
13	Entering a New Era of Body Indices: The Feasibility of a Body Shape Index and Body Roundness Index to Identify Cardiovascular Health Status. PLoS ONE, 2014, 9, e107212.	2.5	122
14	Myocardial Fibrosis in Athletes. Mayo Clinic Proceedings, 2016, 91, 1617-1631.	3.0	117
15	Near Infrared Spectroscopy for Noninvasive Assessment of Claudication. Journal of Surgical Research, 1997, 72, 1-7.	1.6	96
16	Effects of protein supplementation on lean body mass, muscle strength, and physical performance in nonfrail community-dwelling older adults: a systematic review and meta-analysis. American Journal of Clinical Nutrition, 2018, 108, 1043-1059.	4.7	90
17	Increased vascular resistance in paralyzed legs after spinal cord injury is reversible by training. Journal of Applied Physiology, 2002, 93, 1966-1972.	2.5	88
18	Reduced Satellite Cell Numbers with Spinal Cord Injury and Aging in Humans. Medicine and Science in Sports and Exercise, 2012, 44, 2322-2330.	0.4	82

#	Article	IF	Citations
19	Exercise-Induced Cardiac Troponin I Increase and Incident Mortality and Cardiovascular Events. Circulation, 2019, 140, 804-814.	1.6	82
20	Association of Exercise Preconditioning With Immediate Cardioprotection. JAMA Cardiology, 2018, 3, 169.	6.1	81
21	Cardiovascular responses in paraplegic subjects during arm exercise. European Journal of Applied Physiology and Occupational Physiology, 1992, 65, 73-78.	1.2	77
22	Enhanced endothelin-1-mediated leg vascular tone in healthy older subjects. Journal of Applied Physiology, 2007, 103, 852-857.	2.5	76
23	Lifelong Exercise Patterns and Cardiovascular Health. Mayo Clinic Proceedings, 2016, 91, 745-754.	3.0	74
24	Predictors of cardiac troponin release after a marathon. Journal of Science and Medicine in Sport, 2015, 18, 88-92.	1.3	68
25	Time Course of Arterial Vascular Adaptations to Inactivity and Paralyses in Humans. Medicine and Science in Sports and Exercise, 2003, 35, 1977-1985.	0.4	67
26	Exercise training and artery function in humans: nonresponse and its relationship to cardiovascular risk factors. Journal of Applied Physiology, 2014, 117, 345-352.	2.5	67
27	Relation between age and carotid artery intimaâ€medial thickness: a systematic review. Clinical Cardiology, 2018, 41, 698-704.	1.8	66
28	Local Vascular Adaptations after Hybrid Training in Spinal Cordâ€“Injured Subjects. Medicine and Science in Sports and Exercise, 2005, 37, 1112-1118.	0.4	64
29	Vascular adaptations to 8-week cycling training in older men. Acta Physiologica, 2007, 190, 221-228.	3.8	62
30	Effect of Prolonged Walking on Cardiac Troponin Levels. American Journal of Cardiology, 2010, 105, 267-272.	1.6	62
31	Blood vessel remodeling and physical inactivity in humans. Journal of Applied Physiology, 2011, 111, 1836-1845.	2.5	62
32	Effects of High-Intensity Interval Training versus Continuous Training on Physical Fitness, Cardiovascular Function and Quality of Life in Heart Failure Patients. PLoS ONE, 2015, 10, e0141256.	2.5	61
33	Protein supplementation improves lean body mass in physically active older adults: a randomized placeboâ€controlled trial. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 298-310.	7.3	61
34	Assessment of dynamic cerebral autoregulation and cerebrovascular CO₂ reactivity in ageing by measurements of cerebral blood flow and cortical oxygenation. Experimental Physiology, 2014, 99, 586-598.	2.0	60
35	Acute impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in humans. Physiological Reports, 2014, 2, e00193.	1.7	59
36	Increase in Physical Activity After Bariatric Surgery Demonstrates Improvement in Weight Loss and Cardiorespiratory Fitness. Obesity Surgery, 2018, 28, 3950-3957.	2.1	59

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37	Association of Cardiac Rehabilitation With All-Cause Mortality Among Patients With Cardiovascular Disease in the Netherlands. JAMA Network Open, 2020, 3, e2011686.	5.9	59
38	Variability in fibre properties in paralysed human quadriceps muscles and effects of training. Pflugers Archiv European Journal of Physiology, 2003, 445, 734-740.	2.8	58
39	Impact of Bed Rest on Conduit Artery Remodeling. Hypertension, 2010, 56, 240-246.	2.7	58
40	Glycogen availability and skeletal muscle adaptations with endurance and resistance exercise. Nutrition and Metabolism, 2015, 12, 59.	3.0	58
41	Cerebral and circulatory haemodynamics before vasovagal syncope induced by orthostatic stress. Clinical Physiology, 1997, 17, 83-94.	0.7	57
42	Effects of training on contractile properties of paralyzed quadriceps muscle. Muscle and Nerve, 2002, 25, 559-567.	2.2	56
43	The effect of an advanced glycation end-product crosslink breaker and exercise training on vascular function in older individuals: A randomized factorial design trial. Experimental Gerontology, 2013, 48, 1509-1517.	2.8	56
44	Impact of acuteversusprolonged exercise and dehydration on kidney function and injury. Physiological Reports, 2018, 6, e13734.	1.7	56
45	Properties of the venous vascular system in the lower extremities of individuals with paraplegia. Spinal Cord, 1994, 32, 810-816.	1.9	55
46	Physical capacity and physical strain in persons with tetraplegia; The role of sport activity. Spinal Cord, 1996, 34, 729-735.	1.9	53
47	Lipid, lipoprotein, and apolipoprotein profiles in active and sedentary men with tetraplegia. Archives of Physical Medicine and Rehabilitation, 1997, 78, 1173-1176.	0.9	50
48	Exercise training improves physical fitness and vascular function in children with type 1 diabetes. Diabetes, Obesity and Metabolism, 2011, 13, 382-384.	4.4	50
49	Conduit Diameter and Wall Remodeling in Elite Athletes and Spinal Cord Injury. Medicine and Science in Sports and Exercise, 2012, 44, 844-849.	0.4	49
50	Validity and reliability of subjective methods to assess sedentary behaviour in adults: a systematic review and meta-analysis. International Journal of Behavioral Nutrition and Physical Activity, 2020, 17, 75.	4.6	49
51	Protein Intake and Distribution in Relation to Physical Functioning and Quality of Life in Community-Dwelling Elderly People: Acknowledging the Role of Physical Activity. Nutrients, 2018, 10, 506.	4.1	48
52	Venous cuff pressures from 30 mmHg to diastolic pressure are recommended to measure arterial inflow by plethysmography. Journal of Applied Physiology, 2003, 95, 342-347.	2.5	46
53	A Causal Role for Endothelin-1 in the Vascular Adaptation to Skeletal Muscle Deconditioning in Spinal Cord injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 325-331.	2.4	46
54	Preserved Î±-Adrenergic Tone in the Leg Vascular Bed of Spinal Cordâ€“Injured Individuals. Circulation, 2003, 108, 2361-2367.	1.6	44

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55	Electrical Stimulation Alters FMD and Arterial Compliance in Extremely Inactive Legs. Medicine and Science in Sports and Exercise, 2005, 37, 1356-1364.	0.4	44
56	Impact of Physical Fitness and Daily Energy Expenditure on Sleep Efficiency in Young and Older Humans. Gerontology, 2013, 59, 8-16.	2.8	44
57	Statins Affect Skeletal Muscle Performance: Evidence for Disturbances in Energy Metabolism. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 75-84.	3.6	44
58	Reference Intervals for Brachial Artery Flow-Mediated Dilation and the Relation With Cardiovascular Risk Factors. Hypertension, 2021, 77, 1469-1480.	2.7	44
59	Blood Volume and Hemoglobin After Spinal Cord Injury. American Journal of Physical Medicine and Rehabilitation, 2000, 79, 260-265.	1.4	43
60	The impact of exercise intensity on cardiac troponin I release. International Journal of Cardiology, 2014, 171, e3-e4.	1.7	42
61	The effect of exercise training on cardiac remodelling in children and young adults with corrected tetralogy of Fallot or Fontan circulation: A randomized controlled trial. International Journal of Cardiology, 2015, 179, 97-104.	1.7	42
62	Sympathetic nervous system activity and cardiovascular homeostasis during head-up tilt in patients with spinal cord injuries. Clinical Autonomic Research, 2000, 10, 207-212.	2.5	40
63	Magnitude and Time Course of Arterial Vascular Adaptations to Inactivity in Humans. Exercise and Sport Sciences Reviews, 2006, 34, 65-71.	3.0	40
64	The Influence of Concentration/Meditation on Autonomic Nervous System Activity and the Innate Immune Response. Psychosomatic Medicine, 2012, 74, 489-494.	2.0	40
65	Co-occurrence of Cardiovascular and Prothrombotic Risk Factors in Women With a History of Preeclampsia. Obstetrics and Gynecology, 2013, 121, 97-105.	2.4	39
66	Muscle Toxicity of Drugs: When Drugs Turn Physiology into Pathophysiology. Physiological Reviews, 2020, 100, 633-672.	28.8	39
67	The magnitude and progress of lean body mass, fatâ€free mass, and skeletal muscle mass loss following bariatric surgery: A systematic review and metaâ€analysis. Obesity Reviews, 2022, 23, e13370.	6.5	39
68	Passive Leg Movements and Passive Cycling Do Not Alter Arterial Leg Blood Flow in Subjects With Spinal Cord Injury. Physical Therapy, 2006, 86, 636-645.	2.4	38
69	Complete absence of evening melatonin increase in tetraplegics. FASEB Journal, 2012, 26, 3059-3064.	0.5	38
70	Shear stress levels in paralyzed legs of spinal cord-injured individuals with and without nerve degeneration. Journal of Applied Physiology, 2002, 92, 2335-2340.	2.5	37
71	Skeletal muscle contractility is preserved in COPD patients with normal fat-free mass. Acta Physiologica Scandinavica, 2005, 184, 235-242.	2.2	37
72	The role of physical activity and physical fitness in postcancer fatigue: a randomized controlled trial. Supportive Care in Cancer, 2013, 21, 2279-2288.	2.2	37

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73	Impact of flavonoid-rich black tea and beetroot juice on postprandial peripheral vascular resistance and glucose homeostasis in obese, insulin-resistant men: a randomized controlled trial. Nutrition and Metabolism, 2016, 13, 34.	3.0	37
74	Dynamic Cerebral Autoregulation in the Old Using a Repeated Sit-Stand Maneuver. Ultrasound in Medicine and Biology, 2010, 36, 192-201.	1.5	36
75	Exercise Capacity and Participation of Children With a Ventricular Septal Defect. American Journal of Cardiology, 2008, 102, 1079-1084.	1.6	35
76	Prepregnancy Low-Plasma Volume and Predisposition to Preeclampsia and Fetal Growth Restriction. Obstetrics and Gynecology, 2011, 117, 1085-1093.	2.4	35
77	Acute Change in Vascular Tone Alters Intima-Media Thickness. Hypertension, 2011, 58, 240-246.	2.7	34
78	Benefits of lifelong exercise training on left ventricular function after myocardial infarction. European Journal of Preventive Cardiology, 2017, 24, 1856-1866.	1.8	34
79	Sedentary behaviour in cardiovascular disease patients: Risk group identification and the impact of cardiac rehabilitation. International Journal of Cardiology, 2021, 326, 194-201.	1.7	34
80	Resistive exercise versus resistive vibration exercise to counteract vascular adaptations to bed rest. Journal of Applied Physiology, 2010, 108, 28-33.	2.5	33
81	Impact of wall thickness on conduit artery function in humans: Is there a â€œFolkowâ€•effect?. Atherosclerosis, 2011, 217, 415-419.	0.8	33
82	Cardiovascular Responses During a Submaximal Exercise Test in Patients with Parkinson's Disease. Journal of Parkinson's Disease, 2012, 2, 241-247.	2.8	32
83	Interval exercise, but not endurance exercise, prevents endothelial ischemia-reperfusion injury in healthy subjects. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H351-H357.	3.2	32
84	Non-invasive cardiac output assessment during moderate exercise: pulse contour compared with CO2 rebreathing. Clinical Physiology, 1999, 19, 230-237.	0.7	31
85	Impact of age and sex on carotid and peripheral arterial wall thickness in humans. Acta Physiologica, 2012, 206, 220-228.	3.8	31
86	Sex difference in fluid balance responses during prolonged exercise. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, 198-206.	2.9	30
87	Incidence and predictors of exertional hyperthermia after a 15-km road race in cool environmental conditions. Journal of Science and Medicine in Sport, 2015, 18, 333-337.	1.3	30
88	Time-course of vascular adaptations during 8 weeks of exercise training in subjects with type 2 diabetes and middle-aged controls. European Journal of Applied Physiology, 2015, 115, 187-196.	2.5	30
89	Respiratory muscle strength and endurance in individuals with tetraplegia. Spinal Cord, 1997, 35, 104-108.	1.9	29
90	Impact of 2â€Weeks Continuous Increase in Retrograde Shear Stress on Brachial Artery Vasomotor Function in Young and Older Men. Journal of the American Heart Association, 2015, 4, e001968.	3.7	29

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91	Dynamical Indicators of Resilience in Postural Balance Time Series Are Related to Successful Aging in High-Functioning Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1119-1126.	3.6	29
92	Muscle glycogen recovery after exercise during glucose and fructose intake monitored by13C-NMR. Journal of Applied Physiology, 1996, 81, 1495-1500.	2.5	28
93	Preserved contribution of nitric oxide to baseline vascular tone in deconditioned human skeletal muscle. Journal of Physiology, 2005, 565, 685-694.	2.9	28
94	Ultrasound: a reproducible method to measure conduit vein compliance. Journal of Applied Physiology, 2005, 98, 1878-1883.	2.5	28
95	Physical (in)activity and endotheliumâ€derived constricting factors: overlooked adaptations. Journal of Physiology, 2008, 586, 319-324.	2.9	28
96	Doseâ€“response association between moderate to vigorous physical activity and incident morbidity and mortality for individuals with a different cardiovascular health status: A cohort study among 142,493 adults from the Netherlands. PLoS Medicine, 2021, 18, e1003845.	8.4	28
97	Impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in older subjects. Atherosclerosis, 2015, 241, 199-204.	0.8	27
98	Effects of 18 days of bed rest on leg and arm venous properties. Journal of Applied Physiology, 2004, 96, 840-847.	2.5	26
99	Inducing Expectations for Health: Effects of Verbal Suggestion and Imagery on Pain, Itch, and Fatigue as Indicators of Physical Sensitivity. PLoS ONE, 2015, 10, e0139563.	2.5	26
100	Sixteenâ€Week Physical Activity Intervention in Subjects With Increased Cardiometabolic Risk Shifts Innate Immune Function Towards a Less Proinflammatory State. Journal of the American Heart Association, 2019, 8, e013764.	3.7	26
101	Relationship Between Endothelial Function and the Eliciting Shear Stress Stimulus in Women: Changes Across the Lifespan Differ to Men. Journal of the American Heart Association, 2019, 8, e010994.	3.7	26
102	Rate and Determinants of Excessive Fat-Free Mass Loss After Bariatric Surgery. Obesity Surgery, 2020, 30, 3119-3126.	2.1	26
103	Effect of functional electrostimulation on impaired skin vasodilator responses to local heating in spinal cord injury. Journal of Applied Physiology, 2009, 106, 1065-1071.	2.5	25
104	The Effects of Thoracic and Cervical Spinal Cord Lesions on the Circadian Rhythm of Core Body Temperature. Chronobiology International, 2011, 28, 146-154.	2.0	25
105	Time course of arterial remodelling in diameter and wall thickness above and below the lesion after a spinal cord injury. European Journal of Applied Physiology, 2012, 112, 4103-4109.	2.5	25
106	Resistive Inspiratory Muscle Training in People With Spinal Cord Injury During Inpatient Rehabilitation: A Randomized Controlled Trial. Physical Therapy, 2014, 94, 1709-1719.	2.4	25
107	Heart failure is associated with exaggerated endothelial ischaemiaâ€“reperfusion injury and attenuated effect of ischaemic preconditioning. European Journal of Preventive Cardiology, 2016, 23, 33-40.	1.8	25
108	The impact of obesity on physiological responses during prolonged exercise. International Journal of Obesity, 2011, 35, 1404-1412.	3.4	24

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109	Protein supplementation elicits greater gains in maximal oxygen uptake capacity and stimulates lean mass accretion during prolonged endurance training: a double-blind randomized controlled trial. American Journal of Clinical Nutrition, 2019, 110, 508-518.	4.7	24
110	Changes in cerebral oxygenation and blood flow during LBNP in spinal cord-injured individuals. Journal of Applied Physiology, 2001, 91, 2199-2204.	2.5	23
111	Upregulation of skeletal muscle inflammatory genes links inflammation with insulin resistance in women with the metabolic syndrome. Experimental Physiology, 2013, 98, 1485-1494.	2.0	23
112	Elevation in blood flow and shear rate prevents hyperglycemia-induced endothelial dysfunction in healthy subjects and those with type 2 diabetes. Journal of Applied Physiology, 2015, 118, 579-585.	2.5	23
113	Effects of Cooling During Exercise on Thermoregulatory Responses of Men With Paraplegia. Physical Therapy, 2016, 96, 650-658.	2.4	23
114	Skeletal muscle toxicity associated with tyrosine kinase inhibitor therapy in patients with chronic myeloid leukemia. Leukemia, 2019, 33, 2116-2120.	7.2	23
115	Reproducibility of contractile properties of the human paralysed and non-paralysed quadriceps muscle. Clinical Physiology, 2001, 21, 105-113.	0.7	22
116	Counteracting venous stasis during acute lower leg immobilization. Acta Physiologica, 2006, 186, 111-118.	3.8	22
117	Leg intravenous pressure during head-up tilt. Journal of Applied Physiology, 2008, 105, 811-815.	2.5	22
118	Exercise Performance and Activity Level in Children With Transposition of the Great Arteries Treated by the Arterial Switch Operation. American Journal of Cardiology, 2010, 105, 398-403.	1.6	22
119	Aerobic Exercise Training in Formerly Preeclamptic Women. Hypertension, 2015, 66, 1058-1065.	2.7	22
120	Exploratory assessment of left ventricular strainâ€“volume loops in severe aortic valve diseases. Journal of Physiology, 2017, 595, 3961-3971.	2.9	22
121	Leg vascular resistance increases during head-up tilt in paraplegics. European Journal of Applied Physiology, 2005, 94, 408-414.	2.5	21
122	The effect of bed rest and an exercise countermeasure on leg venous function. European Journal of Applied Physiology, 2008, 104, 991-998.	2.5	21
123	Physical Fitness can Partly Explain the Metabolically Healthy Obese Phenotype in Women. Experimental and Clinical Endocrinology and Diabetes, 2014, 122, 87-91.	1.2	21
124	Maximum Inspiratory Pressure is a Discriminator of Pneumonia in Individuals With Spinal-Cord Injury. Respiratory Care, 2016, 61, 1636-1643.	1.6	21
125	The effect of electrical stimulation on leg muscle pump activity in spinal cord-injured and able-bodied individuals. European Journal of Applied Physiology, 2000, 82, 510-516.	2.5	20
126	A Dynamic Extensor Brace Reduces Electromyographic Activity of Wrist Extensor Muscles in Patients With Lateral Epicondylalgia. Journal of Orthopaedic and Sports Physical Therapy, 2006, 36, 170-178.	3.5	20

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127	Endothelium-dependent and -independent vasodilation of the superficial femoral artery in spinal cord-injured subjects. Journal of Applied Physiology, 2008, 104, 1387-1393.	2.5	20
128	Retrograde shear rate in formerly preeclamptic and healthy women before and after exercise training: relationship with endothelial function. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H418-H425.	3.2	20
129	Correlates of Total and domain-specific Sedentary behavior: a cross-sectional study in Dutch adults. BMC Public Health, 2020, 20, 220.	2.9	20
130	Long-Term and Acute Benefits of Reduced Sitting on Vascular Flow and Function. Medicine and Science in Sports and Exercise, 2021, 53, 341-350.	0.4	20
131	Passive leg movements and passive cycling do not alter arterial leg blood flow in subjects with spinal cord injury. Physical Therapy, 2006, 86, 636-45.	2.4	20
132	Arterial vascular properties in individuals with spina bifida. Spinal Cord, 2003, 41, 242-246.	1.9	19
133	Impact of acute versus repetitive moderate intensity endurance exercise on kidney injury markers. Physiological Reports, 2017, 5, e13544.	1.7	19
134	Eightâ€week exercise training in humans with obesity: Marked improvements in insulin sensitivity and modest changes in gut microbiome. Obesity, 2021, 29, 1615-1624.	3.0	19
135	Does peripheral nerve degeneration affect circulatory responses to head-up tilt in spinal cord-injured individuals?. Clinical Autonomic Research, 2005, 15, 99-106.	2.5	18
136	Is delayed ischemic preconditioning as effective on running performance during a 5 km time trial as acute IPC?. Journal of Science and Medicine in Sport, 2017, 20, 208-212.	1.3	18
137	Impact of lifelong exercise training on endothelial ischemia-reperfusion and ischemic preconditioning in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R828-R834.	1.8	18
138	One-leg inactivity induces a reduction in mitochondrial oxidative capacity, intramyocellular lipid accumulation and reduced insulin signalling upon lipid infusion: a human study with unilateral limb suspension. Diabetologia, 2020, 63, 1211-1222.	6.3	18
139	The Application of an External Wrist Extension Force Reduces Electromyographic Activity of Wrist Extensor Muscles During Gripping. Journal of Orthopaedic and Sports Physical Therapy, 2004, 34, 228-234.	3.5	17
140	Effects of Respiratory Muscle Endurance Training on Wheelchair Racing Performance in Athletes With Paraplegia: A Pilot Study. Clinical Journal of Sport Medicine, 2008, 18, 85-88.	1.8	17
141	Vascular Function in Children With Repaired Tetralogy of Fallot. American Journal of Cardiology, 2010, 106, 851-855.	1.6	17
142	Changes in muscle contractile characteristics and jump height following 24Âdays of unilateral lower limb suspension. European Journal of Applied Physiology, 2012, 112, 135-144.	2.5	17
143	Multiple choice questions are superior to extended matching questions to identify medicine and biomedical sciences students who perform poorly. Perspectives on Medical Education, 2022, 2, 252-263.	3.5	17
144	Impact of Hypoxic Versus Normoxic Training on Physical Fitness and Vasculature in Diabetes. High Altitude Medicine and Biology, 2014, 15, 349-355.	0.9	17

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145	Absence of Fitness Improvement Is Associated with Outcomes in Heart Failure Patients. Medicine and Science in Sports and Exercise, 2018, 50, 196-203.	0.4	17
146	Exercise Performance and Thermoregulatory Responses of Elite Athletes Exercising in the Heat: Outcomes of the Thermo Tokyo Study. Sports Medicine, 2021, 51, 2423-2436.	6.5	17
147	The role of the Î±â€adrenergic receptor in the leg vasoconstrictor response to orthostatic stress. Acta Physiologica, 2009, 195, 357-366.	3.8	16
148	Impact of exercise training on oxidative stress in individuals with a spinal cord injury. European Journal of Applied Physiology, 2010, 109, 1059-1066.	2.5	16
149	Sympathetic Nonadrenergic Transmission Contributes to Autonomic Dysreflexia in Spinal Cordâ€“Injured Individuals. Hypertension, 2010, 55, 636-643.	2.7	16
150	The identification of genetic pathways involved in vascular adaptations after physical deconditioning versus exercise training in humans. Experimental Physiology, 2013, 98, 710-721.	2.0	16
151	Life-long physical activity restores metabolic and cardiovascular function in type 2 diabetes. European Journal of Applied Physiology, 2014, 114, 619-627.	2.5	16
152	Validity and reliability of the myTemp ingestible temperature capsule. Journal of Science and Medicine in Sport, 2018, 21, 322-326.	1.3	16
153	Infographic. Cooling strategies to attenuate PPE-induced heat strain during the COVID-19 pandemic. British Journal of Sports Medicine, 2021, 55, 69-70.	6.7	16
154	A Nitrate-Rich Vegetable Intervention ElevatesÂPlasma Nitrate and Nitrite Concentrations and Reduces Blood Pressure inÂHealthy Young Adults. Journal of the Academy of Nutrition and Dietetics, 2020, 120, 1305-1317.	0.8	16
155	Changes in BNP and cardiac troponin I after high-intensity interval and endurance exercise in heart failure patients and healthy controls. International Journal of Cardiology, 2015, 184, 426-427.	1.7	15
156	A comparison of dicarbonyl stress and advanced glycation endproducts in lifelong endurance athletes vs. sedentary controls. Journal of Science and Medicine in Sport, 2017, 20, 921-926.	1.3	15
157	Changes in peripheral immune cell numbers and functions in octogenarian walkers â€“ an acute exercise study. Immunity and Ageing, 2017, 14, 5.	4.2	15
158	Endurance exercise-induced changes in BNP concentrations in cardiovascular patients versus healthy controls. International Journal of Cardiology, 2017, 227, 430-435.	1.7	15
159	Changes in cytokine levels after prolonged and repeated moderate intensity exercise in middle-aged men and women. Translational Sports Medicine, 2018, 1, 110-119.	1.1	15
160	Insufficient Protein Intake is Highly Prevalent among Physically Active Elderly. Journal of Nutrition, Health and Aging, 2018, 22, 1112-1114.	3.3	15
161	Determinants of vitamin D status in physically active elderly in the Netherlands. European Journal of Nutrition, 2019, 58, 3121-3128.	3.9	15
162	Impact of prolonged sitting and physical activity breaks on cognitive performance, perceivable benefits, and cardiometabolic health in overweight/obese adults: The role of meal composition. Clinical Nutrition, 2021, 40, 2259-2269.	5.0	15

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163	Leg blood flow measurements using venous occlusion plethysmography during head-up tilt. Clinical Autonomic Research, 2007, 17, 106-111.	2.5	14
164	Exercise-induced Changes in Venous Vascular Function in Nonpregnant Formerly Preeclamptic Women. Reproductive Sciences, 2009, 16, 414-420.	2.5	14
165	Unexplained first trimester recurrent pregnancy loss and low venous reserves. Human Reproduction, 2012, 27, 2613-2618.	0.9	14
166	Impact of endothelin blockade on acute exerciseâ€induced changes in blood flow and endothelial function in type 2 diabetes mellitus. Experimental Physiology, 2014, 99, 1253-1264.	2.0	14
167	Altered core and skin temperature responses to endurance exercise in heart failure patients and healthy controls. European Journal of Preventive Cardiology, 2016, 23, 137-144.	1.8	14
168	Study protocol of the TIRED study: a randomised controlled trial comparing either graded exercise therapy for severe fatigue or cognitive behaviour therapy with usual care in patients with incurable cancer. BMC Cancer, 2017, 17, 81.	2.6	14
169	Protein and the Adaptive Response With Endurance Training: Wishful Thinking or a Competitive Edge?. Frontiers in Physiology, 2018, 9, 598.	2.8	14
170	12-Week Exercise Training, Independent of the Type of Exercise, Attenuates Endothelial Ischaemia-Reperfusion Injury in Heart Failure Patients. Frontiers in Physiology, 2019, 10, 264.	2.8	14
171	Cardiopulmonary Profile of Individuals with Intellectual Disability. Medicine and Science in Sports and Exercise, 2019, 51, 1802-1808.	0.4	14
172	Local vasoconstriction in spinal cord-injured and able-bodied individuals. Journal of Applied Physiology, 2007, 103, 1070-1077.	2.5	13
173	Counterpoint: Exercise training does not induce vascular adaptations beyond the active muscle beds. Journal of Applied Physiology, 2008, 105, 1004-1006.	2.5	13
174	Lower vascular tone and larger plasma volume in Parkinson's disease with orthostatic hypotension. Journal of Applied Physiology, 2011, 111, 443-448.	2.5	13
175	Increasing vegetable intake to obtain the health promoting and ergogenic effects of dietary nitrate. European Journal of Clinical Nutrition, 2018, 72, 1485-1489.	2.9	13
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