

Maria Hopman

List of Publications by Year in descending order

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Version: 2024-02-01

279
papers

8,612
citations

44066

48
h-index

74160

75
g-index

280
all docs

280
docs citations

280
times ranked

9967
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular Adaptation to Exercise in Humans: Role of Hemodynamic Stimuli. <i>Physiological Reviews</i> , 2017, 97, 495-528.	28.8	456
2	Impact of inactivity and exercise on the vasculature in humans. <i>European Journal of Applied Physiology</i> , 2010, 108, 845-875.	2.5	242
3	A systematic review and meta-analysis on the effects of exercise training versus hypocaloric diet: distinct effects on body weight and visceral adipose tissue. <i>Obesity Reviews</i> , 2016, 17, 664-690.	6.5	227
4	Ischemic preconditioning improves maximal performance in humans. <i>European Journal of Applied Physiology</i> , 2010, 108, 141-146.	2.5	180
5	Flow-mediated dilatation in the superficial femoral artery is nitric oxide mediated in humans. <i>Journal of Physiology</i> , 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. <i>International Journal of Cardiology</i> , 2013, 168, 1779-1787.	1.7	159
7	Brachial Artery Blood Flow Responses to Different Modalities of Lower Limb Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1072-1079.	0.4	150
8	Precooling and percooling (cooling during exercise) both improve performance in the heat: a meta-analytical review. <i>British Journal of Sports Medicine</i> , 2015, 49, 377-384.	6.7	149
9	Cooling interventions for athletes: An overview of effectiveness, physiological mechanisms, and practical considerations. <i>Temperature</i> , 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. <i>Journal of Applied Physiology</i> , 2005, 99, 1293-1300.	2.5	133
11	Haematopoietic stem cells and endothelial progenitor cells in healthy men: effect of aging and training. <i>Aging Cell</i> , 2006, 5, 495-503.	6.7	132
12	The 2017 Dutch Physical Activity Guidelines. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 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. <i>PLoS ONE</i> , 2014, 9, e107212.	2.5	122
14	Myocardial Fibrosis in Athletes. <i>Mayo Clinic Proceedings</i> , 2016, 91, 1617-1631.	3.0	117
15	Near Infrared Spectroscopy for Noninvasive Assessment of Claudication. <i>Journal of Surgical Research</i> , 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. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1043-1059.	4.7	90
17	Increased vascular resistance in paralyzed legs after spinal cord injury is reversible by training. <i>Journal of Applied Physiology</i> , 2002, 93, 1966-1972.	2.5	88
18	Reduced Satellite Cell Numbers with Spinal Cord Injury and Aging in Humans. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2322-2330.	0.4	82

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19	Exercise-Induced Cardiac Troponin I Increase and Incident Mortality and Cardiovascular Events. <i>Circulation</i> , 2019, 140, 804-814.	1.6	82
20	Association of Exercise Preconditioning With Immediate Cardioprotection. <i>JAMA Cardiology</i> , 2018, 3, 169.	6.1	81
21	Cardiovascular responses in paraplegic subjects during arm exercise. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1992, 65, 73-78.	1.2	77
22	Enhanced endothelin-1-mediated leg vascular tone in healthy older subjects. <i>Journal of Applied Physiology</i> , 2007, 103, 852-857.	2.5	76
23	Lifelong Exercise Patterns and Cardiovascular Health. <i>Mayo Clinic Proceedings</i> , 2016, 91, 745-754.	3.0	74
24	Predictors of cardiac troponin release after a marathon. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 88-92.	1.3	68
25	Time Course of Arterial Vascular Adaptations to Inactivity and Paralysis in Humans. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1977-1985.	0.4	67
26	Exercise training and artery function in humans: nonresponse and its relationship to cardiovascular risk factors. <i>Journal of Applied Physiology</i> , 2014, 117, 345-352.	2.5	67
27	Relation between age and carotid artery intima-media thickness: a systematic review. <i>Clinical Cardiology</i> , 2018, 41, 698-704.	1.8	66
28	Local Vascular Adaptations after Hybrid Training in Spinal Cord-Injured Subjects. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1112-1118.	0.4	64
29	Vascular adaptations to 8-week cycling training in older men. <i>Acta Physiologica</i> , 2007, 190, 221-228.	3.8	62
30	Effect of Prolonged Walking on Cardiac Troponin Levels. <i>American Journal of Cardiology</i> , 2010, 105, 267-272.	1.6	62
31	Blood vessel remodeling and physical inactivity in humans. <i>Journal of Applied Physiology</i> , 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. <i>PLoS ONE</i> , 2015, 10, e0141256.	2.5	61
33	Protein supplementation improves lean body mass in physically active older adults: a randomized placebo-controlled trial. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 298-310.	7.3	61
34	Assessment of dynamic cerebral autoregulation and cerebrovascular CO ₂ reactivity in ageing by measurements of cerebral blood flow and cortical oxygenation. <i>Experimental Physiology</i> , 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. <i>Physiological Reports</i> , 2014, 2, e00193.	1.7	59
36	Increase in Physical Activity After Bariatric Surgery Demonstrates Improvement in Weight Loss and Cardiorespiratory Fitness. <i>Obesity Surgery</i> , 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. <i>JAMA Network Open</i> , 2020, 3, e2011686.	5.9	59
38	Variability in fibre properties in paralysed human quadriceps muscles and effects of training. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 445, 734-740.	2.8	58
39	Impact of Bed Rest on Conduit Artery Remodeling. <i>Hypertension</i> , 2010, 56, 240-246.	2.7	58
40	Glycogen availability and skeletal muscle adaptations with endurance and resistance exercise. <i>Nutrition and Metabolism</i> , 2015, 12, 59.	3.0	58
41	Cerebral and circulatory haemodynamics before vasovagal syncope induced by orthostatic stress. <i>Clinical Physiology</i> , 1997, 17, 83-94.	0.7	57
42	Effects of training on contractile properties of paralyzed quadriceps muscle. <i>Muscle and Nerve</i> , 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. <i>Experimental Gerontology</i> , 2013, 48, 1509-1517.	2.8	56
44	Impact of acute versus prolonged exercise and dehydration on kidney function and injury. <i>Physiological Reports</i> , 2018, 6, e13734.	1.7	56
45	Properties of the venous vascular system in the lower extremities of individuals with paraplegia. <i>Spinal Cord</i> , 1994, 32, 810-816.	1.9	55
46	Physical capacity and physical strain in persons with tetraplegia; The role of sport activity. <i>Spinal Cord</i> , 1996, 34, 729-735.	1.9	53
47	Lipid, lipoprotein, and apolipoprotein profiles in active and sedentary men with tetraplegia. <i>Archives of Physical Medicine and Rehabilitation</i> , 1997, 78, 1173-1176.	0.9	50
48	Exercise training improves physical fitness and vascular function in children with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2011, 13, 382-384.	4.4	50
49	Conduit Diameter and Wall Remodeling in Elite Athletes and Spinal Cord Injury. <i>Medicine and Science in Sports and Exercise</i> , 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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 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. <i>Nutrients</i> , 2018, 10, 506.	4.1	48
52	Venous cuff pressures from 30 mmHg to diastolic pressure are recommended to measure arterial inflow by plethysmography. <i>Journal of Applied Physiology</i> , 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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 325-331.	2.4	46
54	Preserved β -Adrenergic Tone in the Leg Vascular Bed of Spinal Cord-Injured Individuals. <i>Circulation</i> , 2003, 108, 2361-2367.	1.6	44

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55	Electrical Stimulation Alters FMD and Arterial Compliance in Extremely Inactive Legs. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1356-1364.	0.4	44
56	Impact of Physical Fitness and Daily Energy Expenditure on Sleep Efficiency in Young and Older Humans. <i>Gerontology</i> , 2013, 59, 8-16.	2.8	44
57	Statins Affect Skeletal Muscle Performance: Evidence for Disturbances in Energy Metabolism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 75-84.	3.6	44
58	Reference Intervals for Brachial Artery Flow-Mediated Dilatation and the Relation With Cardiovascular Risk Factors. <i>Hypertension</i> , 2021, 77, 1469-1480.	2.7	44
59	Blood Volume and Hemoglobin After Spinal Cord Injury. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2000, 79, 260-265.	1.4	43
60	The impact of exercise intensity on cardiac troponin I release. <i>International Journal of Cardiology</i> , 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. <i>International Journal of Cardiology</i> , 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. <i>Clinical Autonomic Research</i> , 2000, 10, 207-212.	2.5	40
63	Magnitude and Time Course of Arterial Vascular Adaptations to Inactivity in Humans. <i>Exercise and Sport Sciences Reviews</i> , 2006, 34, 65-71.	3.0	40
64	The Influence of Concentration/Meditation on Autonomic Nervous System Activity and the Innate Immune Response. <i>Psychosomatic Medicine</i> , 2012, 74, 489-494.	2.0	40
65	Co-occurrence of Cardiovascular and Prothrombotic Risk Factors in Women With a History of Preeclampsia. <i>Obstetrics and Gynecology</i> , 2013, 121, 97-105.	2.4	39
66	Muscle Toxicity of Drugs: When Drugs Turn Physiology into Pathophysiology. <i>Physiological Reviews</i> , 2020, 100, 633-672.	28.8	39
67	The magnitude and progress of lean body mass, fat-free mass, and skeletal muscle mass loss following bariatric surgery: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 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. <i>Physical Therapy</i> , 2006, 86, 636-645.	2.4	38
69	Complete absence of evening melatonin increase in tetraplegics. <i>FASEB Journal</i> , 2012, 26, 3059-3064.	0.5	38
70	Shear stress levels in paralyzed legs of spinal cord-injured individuals with and without nerve degeneration. <i>Journal of Applied Physiology</i> , 2002, 92, 2335-2340.	2.5	37
71	Skeletal muscle contractility is preserved in COPD patients with normal fat-free mass. <i>Acta Physiologica Scandinavica</i> , 2005, 184, 235-242.	2.2	37
72	The role of physical activity and physical fitness in postcancer fatigue: a randomized controlled trial. <i>Supportive Care in Cancer</i> , 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. <i>Nutrition and Metabolism</i> , 2016, 13, 34.	3.0	37
74	Dynamic Cerebral Autoregulation in the Old Using a Repeated Sit-Stand Maneuver. <i>Ultrasound in Medicine and Biology</i> , 2010, 36, 192-201.	1.5	36
75	Exercise Capacity and Participation of Children With a Ventricular Septal Defect. <i>American Journal of Cardiology</i> , 2008, 102, 1079-1084.	1.6	35
76	Prepregnancy Low-Plasma Volume and Predisposition to Preeclampsia and Fetal Growth Restriction. <i>Obstetrics and Gynecology</i> , 2011, 117, 1085-1093.	2.4	35
77	Acute Change in Vascular Tone Alters Intima-Media Thickness. <i>Hypertension</i> , 2011, 58, 240-246.	2.7	34
78	Benefits of lifelong exercise training on left ventricular function after myocardial infarction. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1856-1866.	1.8	34
79	Sedentary behaviour in cardiovascular disease patients: Risk group identification and the impact of cardiac rehabilitation. <i>International Journal of Cardiology</i> , 2021, 326, 194-201.	1.7	34
80	Resistive exercise versus resistive vibration exercise to counteract vascular adaptations to bed rest. <i>Journal of Applied Physiology</i> , 2010, 108, 28-33.	2.5	33
81	Impact of wall thickness on conduit artery function in humans: Is there a "Folkow" effect?. <i>Atherosclerosis</i> , 2011, 217, 415-419.	0.8	33
82	Cardiovascular Responses During a Submaximal Exercise Test in Patients with Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2012, 2, 241-247.	2.8	32
83	Interval exercise, but not endurance exercise, prevents endothelial ischemia-reperfusion injury in healthy subjects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H351-H357.	3.2	32
84	Non-invasive cardiac output assessment during moderate exercise: pulse contour compared with CO ₂ rebreathing. <i>Clinical Physiology</i> , 1999, 19, 230-237.	0.7	31
85	Impact of age and sex on carotid and peripheral arterial wall thickness in humans. <i>Acta Physiologica</i> , 2012, 206, 220-228.	3.8	31
86	Sex difference in fluid balance responses during prolonged exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 198-206.	2.9	30
87	Incidence and predictors of exertional hyperthermia after a 15-km road race in cool environmental conditions. <i>Journal of Science and Medicine in Sport</i> , 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. <i>European Journal of Applied Physiology</i> , 2015, 115, 187-196.	2.5	30
89	Respiratory muscle strength and endurance in individuals with tetraplegia. <i>Spinal Cord</i> , 1997, 35, 104-108.	1.9	29
90	Impact of 2-Weeks Continuous Increase in Retrograde Shear Stress on Brachial Artery Vasomotor Function in Young and Older Men. <i>Journal of the American Heart Association</i> , 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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1119-1126.	3.6	29
92	Muscle glycogen recovery after exercise during glucose and fructose intake monitored by ¹³ C-NMR. <i>Journal of Applied Physiology</i> , 1996, 81, 1495-1500.	2.5	28
93	Preserved contribution of nitric oxide to baseline vascular tone in deconditioned human skeletal muscle. <i>Journal of Physiology</i> , 2005, 565, 685-694.	2.9	28
94	Ultrasound: a reproducible method to measure conduit vein compliance. <i>Journal of Applied Physiology</i> , 2005, 98, 1878-1883.	2.5	28
95	Physical (in)activity and endothelium-derived constricting factors: overlooked adaptations. <i>Journal of Physiology</i> , 2008, 586, 319-324.	2.9	28
96	Dose-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. <i>PLoS Medicine</i> , 2021, 18, e1003845.	8.4	28
97	Impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in older subjects. <i>Atherosclerosis</i> , 2015, 241, 199-204.	0.8	27
98	Effects of 18 days of bed rest on leg and arm venous properties. <i>Journal of Applied Physiology</i> , 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. <i>PLoS ONE</i> , 2015, 10, e0139563.	2.5	26
100	Sixteen-Week Physical Activity Intervention in Subjects With Increased Cardiometabolic Risk Shifts Innate Immune Function Towards a Less Proinflammatory State. <i>Journal of the American Heart Association</i> , 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. <i>Journal of the American Heart Association</i> , 2019, 8, e010994.	3.7	26
102	Rate and Determinants of Excessive Fat-Free Mass Loss After Bariatric Surgery. <i>Obesity Surgery</i> , 2020, 30, 3119-3126.	2.1	26
103	Effect of functional electrostimulation on impaired skin vasodilator responses to local heating in spinal cord injury. <i>Journal of Applied Physiology</i> , 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. <i>Chronobiology International</i> , 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. <i>European Journal of Applied Physiology</i> , 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. <i>Physical Therapy</i> , 2014, 94, 1709-1719.	2.4	25
107	Heart failure is associated with exaggerated endothelial ischaemia-reperfusion injury and attenuated effect of ischaemic preconditioning. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 33-40.	1.8	25
108	The impact of obesity on physiological responses during prolonged exercise. <i>International Journal of Obesity</i> , 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. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 508-518.	4.7	24
110	Changes in cerebral oxygenation and blood flow during LBNP in spinal cord-injured individuals. <i>Journal of Applied Physiology</i> , 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. <i>Experimental Physiology</i> , 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. <i>Journal of Applied Physiology</i> , 2015, 118, 579-585.	2.5	23
113	Effects of Cooling During Exercise on Thermoregulatory Responses of Men With Paraplegia. <i>Physical Therapy</i> , 2016, 96, 650-658.	2.4	23
114	Skeletal muscle toxicity associated with tyrosine kinase inhibitor therapy in patients with chronic myeloid leukemia. <i>Leukemia</i> , 2019, 33, 2116-2120.	7.2	23
115	Reproducibility of contractile properties of the human paralysed and non-paralysed quadriceps muscle. <i>Clinical Physiology</i> , 2001, 21, 105-113.	0.7	22
116	Counteracting venous stasis during acute lower leg immobilization. <i>Acta Physiologica</i> , 2006, 186, 111-118.	3.8	22
117	Leg intravenous pressure during head-up tilt. <i>Journal of Applied Physiology</i> , 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. <i>American Journal of Cardiology</i> , 2010, 105, 398-403.	1.6	22
119	Aerobic Exercise Training in Formerly Preeclamptic Women. <i>Hypertension</i> , 2015, 66, 1058-1065.	2.7	22
120	Exploratory assessment of left ventricular strainâ€“volume loops in severe aortic valve diseases. <i>Journal of Physiology</i> , 2017, 595, 3961-3971.	2.9	22
121	Leg vascular resistance increases during head-up tilt in paraplegics. <i>European Journal of Applied Physiology</i> , 2005, 94, 408-414.	2.5	21
122	The effect of bed rest and an exercise countermeasure on leg venous function. <i>European Journal of Applied Physiology</i> , 2008, 104, 991-998.	2.5	21
123	Physical Fitness can Partly Explain the Metabolically Healthy Obese Phenotype in Women. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2014, 122, 87-91.	1.2	21
124	Maximum Inspiratory Pressure is a Discriminator of Pneumonia in Individuals With Spinal-Cord Injury. <i>Respiratory Care</i> , 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. <i>European Journal of Applied Physiology</i> , 2000, 82, 510-516.	2.5	20
126	A Dynamic Extensor Brace Reduces Electromyographic Activity of Wrist Extensor Muscles in Patients With Lateral Epicondylalgia. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 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. <i>Journal of Applied Physiology</i> , 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. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H418-H425.	3.2	20
129	Correlates of Total and domain-specific Sedentary behavior: a cross-sectional study in Dutch adults. <i>BMC Public Health</i> , 2020, 20, 220.	2.9	20
130	Long-Term and Acute Benefits of Reduced Sitting on Vascular Flow and Function. <i>Medicine and Science in Sports and Exercise</i> , 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. <i>Physical Therapy</i> , 2006, 86, 636-45.	2.4	20
132	Arterial vascular properties in individuals with spina bifida. <i>Spinal Cord</i> , 2003, 41, 242-246.	1.9	19
133	Impact of acute versus repetitive moderate intensity endurance exercise on kidney injury markers. <i>Physiological Reports</i> , 2017, 5, e13544.	1.7	19
134	Eight-week exercise training in humans with obesity: Marked improvements in insulin sensitivity and modest changes in gut microbiome. <i>Obesity</i> , 2021, 29, 1615-1624.	3.0	19
135	Does peripheral nerve degeneration affect circulatory responses to head-up tilt in spinal cord-injured individuals?. <i>Clinical Autonomic Research</i> , 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?. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 208-212.	1.3	18
137	Impact of lifelong exercise training on endothelial ischemia-reperfusion and ischemic preconditioning in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 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. <i>Diabetologia</i> , 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. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 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. <i>Clinical Journal of Sport Medicine</i> , 2008, 18, 85-88.	1.8	17
141	Vascular Function in Children With Repaired Tetralogy of Fallot. <i>American Journal of Cardiology</i> , 2010, 106, 851-855.	1.6	17
142	Changes in muscle contractile characteristics and jump height following 24 days of unilateral lower limb suspension. <i>European Journal of Applied Physiology</i> , 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. <i>Perspectives on Medical Education</i> , 2022, 2, 252-263.	3.5	17
144	Impact of Hypoxic Versus Normoxic Training on Physical Fitness and Vasculature in Diabetes. <i>High Altitude Medicine and Biology</i> , 2014, 15, 349-355.	0.9	17

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145	Absence of Fitness Improvement Is Associated with Outcomes in Heart Failure Patients. <i>Medicine and Science in Sports and Exercise</i> , 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. <i>Sports Medicine</i> , 2021, 51, 2423-2436.	6.5	17
147	The role of the α -adrenergic receptor in the leg vasoconstrictor response to orthostatic stress. <i>Acta Physiologica</i> , 2009, 195, 357-366.	3.8	16
148	Impact of exercise training on oxidative stress in individuals with a spinal cord injury. <i>European Journal of Applied Physiology</i> , 2010, 109, 1059-1066.	2.5	16
149	Sympathetic Nonadrenergic Transmission Contributes to Autonomic Dysreflexia in Spinal Cord-Injured Individuals. <i>Hypertension</i> , 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. <i>Experimental Physiology</i> , 2013, 98, 710-721.	2.0	16
151	Life-long physical activity restores metabolic and cardiovascular function in type 2 diabetes. <i>European Journal of Applied Physiology</i> , 2014, 114, 619-627.	2.5	16
152	Validity and reliability of the myTemp ingestible temperature capsule. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 322-326.	1.3	16
153	Infographic. Cooling strategies to attenuate PPE-induced heat strain during the COVID-19 pandemic. <i>British Journal of Sports Medicine</i> , 2021, 55, 69-70.	6.7	16
154	A Nitrate-Rich Vegetable Intervention Elevates Plasma Nitrate and Nitrite Concentrations and Reduces Blood Pressure in Healthy Young Adults. <i>Journal of the Academy of Nutrition and Dietetics</i> , 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. <i>International Journal of Cardiology</i> , 2015, 184, 426-427.	1.7	15
156	A comparison of dicarbonyl stress and advanced glycation endproducts in lifelong endurance athletes vs. sedentary controls. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 921-926.	1.3	15
157	Changes in peripheral immune cell numbers and functions in octogenarian walkers – an acute exercise study. <i>Immunity and Ageing</i> , 2017, 14, 5.	4.2	15
158	Endurance exercise-induced changes in BNP concentrations in cardiovascular patients versus healthy controls. <i>International Journal of Cardiology</i> , 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. <i>Translational Sports Medicine</i> , 2018, 1, 110-119.	1.1	15
160	Insufficient Protein Intake is Highly Prevalent among Physically Active Elderly. <i>Journal of Nutrition, Health and Aging</i> , 2018, 22, 1112-1114.	3.3	15
161	Determinants of vitamin D status in physically active elderly in the Netherlands. <i>European Journal of Nutrition</i> , 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. <i>Clinical Nutrition</i> , 2021, 40, 2259-2269.	5.0	15

#	ARTICLE	IF	CITATIONS
163	Leg blood flow measurements using venous occlusion plethysmography during head-up tilt. <i>Clinical Autonomic Research</i> , 2007, 17, 106-111.	2.5	14
164	Exercise-induced Changes in Venous Vascular Function in Nonpregnant Formerly Preeclamptic Women. <i>Reproductive Sciences</i> , 2009, 16, 414-420.	2.5	14
165	Unexplained first trimester recurrent pregnancy loss and low venous reserves. <i>Human Reproduction</i> , 2012, 27, 2613-2618.	0.9	14
166	Impact of endothelin blockade on acute exercise-induced changes in blood flow and endothelial function in type 2 diabetes mellitus. <i>Experimental Physiology</i> , 2014, 99, 1253-1264.	2.0	14
167	Altered core and skin temperature responses to endurance exercise in heart failure patients and healthy controls. <i>European Journal of Preventive Cardiology</i> , 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. <i>BMC Cancer</i> , 2017, 17, 81.	2.6	14
169	Protein and the Adaptive Response With Endurance Training: Wishful Thinking or a Competitive Edge?. <i>Frontiers in Physiology</i> , 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. <i>Frontiers in Physiology</i> , 2019, 10, 264.	2.8	14
171	Cardiopulmonary Profile of Individuals with Intellectual Disability. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1802-1808.	0.4	14
172	Local vasoconstriction in spinal cord-injured and able-bodied individuals. <i>Journal of Applied Physiology</i> , 2007, 103, 1070-1077.	2.5	13
173	Counterpoint: Exercise training does not induce vascular adaptations beyond the active muscle beds. <i>Journal of Applied Physiology</i> , 2008, 105, 1004-1006.	2.5	13
174	Lower vascular tone and larger plasma volume in Parkinson's disease with orthostatic hypotension. <i>Journal of Applied Physiology</i> , 2011, 111, 443-448.	2.5	13
175	Increasing vegetable intake to obtain the health promoting and ergogenic effects of dietary nitrate. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 1485-1489.	2.9	13
176	5-Year prognostic value of the right ventricular strain-area loop in patients with pulmonary hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 188-195.	1.2	13
177	Repeated prolonged moderate-intensity walking exercise does not appear to have harmful effects on inflammatory markers in patients with inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , 2021, 56, 30-37.	1.5	13
178	Patient experiences with the role of physical activity in inflammatory bowel disease: results from a survey and interviews. <i>BMC Gastroenterology</i> , 2021, 21, 172.	2.0	13
179	Moderate Intensity Exercise Training Improves Skeletal Muscle Performance in Asymptomatic and Asymptomatic Statin Users. <i>Journal of the American College of Cardiology</i> , 2021, 78, 2023-2037.	2.8	13
180	Non-invasive assessment of autonomic nervous system integrity in able-bodied and spinal cord-injured individuals. <i>Clinical Autonomic Research</i> , 1999, 9, 115-122.	2.5	12

#	ARTICLE	IF	CITATIONS
181	Impaired Oxygen Utilization in Skeletal Muscle of CRPS I Patients. <i>Journal of Surgical Research</i> , 2012, 173, 145-152.	1.6	12
182	Cytokine responses to repeated, prolonged walking in lean versus overweight/obese individuals. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 196-200.	1.3	12
183	Higher Levels of Physical Activity are Associated with Greater Fruit and Vegetable Intake in Older Adults. <i>Journal of Nutrition, Health and Aging</i> , 2021, 25, 230-241.	3.3	12
184	Exercise-Induced Cardiac Fatigue after a 45-Minute Bout of High-Intensity Running Exercise Is Not Altered under Hypoxia. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 511-521.	2.8	12
185	Blood Flow and Metabolic Control at the Onset of Heavy Exercise. <i>International Journal of Sport and Health Science</i> , 2003, 1, 9-18.	0.2	12
186	Impact of Dutch COVID-19 restrictive policy measures on physical activity behavior and identification of correlates of physical activity changes: a cohort study. <i>BMC Public Health</i> , 2022, 22, 147.	2.9	12
187	Impaired Fetal Growth and Low Plasma Volume in Adult Life. <i>Obstetrics and Gynecology</i> , 2011, 118, 1314-1322.	2.4	11
188	The impact of obesity on cardiac troponin levels after prolonged exercise in humans. <i>European Journal of Applied Physiology</i> , 2012, 112, 1725-1732.	2.5	11
189	Exercise-induced Changes in Soluble ST2 Concentrations in Marathon Runners. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 405-410.	0.4	11
190	Association between sedentary time and cognitive function: A focus on different domains of sedentary behavior. <i>Preventive Medicine</i> , 2021, 153, 106731.	3.4	11
191	Comparison of Respiratory Muscle Training Methods in Individuals With Motor Complete Tetraplegia. <i>Topics in Spinal Cord Injury Rehabilitation</i> , 2012, 18, 118-121.	1.8	11
192	Health Effects of Increasing Protein Intake Above the Current Population Reference Intake in Older Adults: A Systematic Review of the Health Council of the Netherlands. <i>Advances in Nutrition</i> , 2022, 13, 1083-1117.	6.4	11
193	Attenuated peripheral vasoconstriction during an orthostatic challenge in older men. <i>Age and Ageing</i> , 2008, 37, 680-684.	1.6	10
194	Heart failure patients demonstrate impaired changes in brachial artery blood flow and shear rate pattern during moderate-intensity cycle exercise. <i>Experimental Physiology</i> , 2015, 100, 463-474.	2.0	10
195	The impact of exercise-induced core body temperature elevations on coagulation responses. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 202-207.	1.3	10
196	Echocardiographic-Derived Strain-Area Loop of the Right Ventricle is Related to Pulmonary Vascular Resistance in Pulmonary Arterial Hypertension. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1286-1288.	5.3	10
197	Plasma cytokine responses to resistance exercise with different nutrient availability on a concurrent exercise day in trained healthy males. <i>Physiological Reports</i> , 2018, 6, e13708.	1.7	10
198	Fatigue in chronic myeloid leukemia patients on tyrosine kinase inhibitor therapy: predictors and the relationship with physical activity. <i>Haematologica</i> , 2021, 106, 1876-1882.	3.5	10

#	ARTICLE	IF	CITATIONS
199	Changes in Physical Activity in Relation to Body Composition, Fitness and Quality of Life after Primary Bariatric Surgery: a Two-Year Follow-Up Study. <i>Obesity Surgery</i> , 2021, 31, 1120-1128.	2.1	10
200	Short-term Statin Treatment Does Not Prevent Ischemia and Reperfusion-induced Endothelial Dysfunction in Humans. <i>Journal of Cardiovascular Pharmacology</i> , 2012, 59, 22-28.	1.9	9
201	Randomized controlled trial using bosentan to enhance the impact of exercise training in subjects with type 2 diabetes mellitus. <i>Experimental Physiology</i> , 2014, 99, 1538-1547.	2.0	9
202	Improvements in fitness are not obligatory for exercise training-induced improvements in CV risk factors. <i>Physiological Reports</i> , 2018, 6, e13595.	1.7	9
203	Reticulocyte hemoglobin content in a large sample of the general Dutch population and its relation to conventional iron status parameters. <i>Clinica Chimica Acta</i> , 2018, 483, 20-24.	1.1	9
204	Changes in iron metabolism during prolonged repeated walking exercise in middle-aged men and women. <i>European Journal of Applied Physiology</i> , 2018, 118, 2349-2357.	2.5	9
205	Reduced specific force in patients with mild and severe facioscapulohumeral muscular dystrophy. <i>Muscle and Nerve</i> , 2021, 63, 60-67.	2.2	9
206	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. <i>Journal of Leukocyte Biology</i> , 2021, 109, 833-842.	3.3	9
207	Cardiac output determined by the CO ₂ rebreathing method during arm exercise. <i>Clinical Physiology</i> , 1994, 14, 37-46.	0.7	8
208	Endothelin and Aged Blood Vessels. <i>Hypertension</i> , 2007, 50, 292-293.	2.7	8
209	Running on age in a 15-km road run: minor influence of age on performance. <i>European Review of Aging and Physical Activity</i> , 2010, 7, 43-47.	2.9	8
210	Within-subject correlations between evening-related changes in body temperature and melatonin in the spinal cord injured. <i>Chronobiology International</i> , 2014, 31, 157-165.	2.0	8
211	Combined aerobic and resistance exercise training decreases peripheral but not central artery wall thickness in subjects with type 2 diabetes. <i>European Journal of Applied Physiology</i> , 2015, 115, 317-326.	2.5	8
212	Dose of Jogging. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2672-2673.	2.8	8
213	Association Between Statin Use and Prevalence of Exercise-Related Injuries: A Cross-Sectional Survey of Amateur Runners in the Netherlands. <i>Sports Medicine</i> , 2017, 47, 1885-1892.	6.5	8
214	First-Aid Treatment for Friction Blisters. <i>Clinical Journal of Sport Medicine</i> , 2018, 28, 37-42.	1.8	8
215	Right Heart Remodeling in Olympic Athletes During 8 Years of Intensive Exercise Training. <i>Journal of the American College of Cardiology</i> , 2018, 72, 815-817.	2.8	8
216	Exhaled Breath Reflects Prolonged Exercise and Statin Use during a Field Campaign. <i>Metabolites</i> , 2021, 11, 192.	2.9	8

#	ARTICLE	IF	CITATIONS
217	Performance and thermoregulation of Dutch Olympic and Paralympic athletes exercising in the heat: Rationale and design of the Thermo Tokyo study: The journal<i>Temperature</i> toolbox. <i>Temperature</i> , 2021, 8, 209-222.	3.0	8
218	Respiratory muscle training in individuals with spinal cord injury: effect of training intensity and -volume on improvements in respiratory muscle strength. <i>Spinal Cord</i> , 2019, 57, 482-489.	1.9	8
219	Non-Invasive Monitoring of Inflammation in Inflammatory Bowel Disease Patients during Prolonged Exercise via Exhaled Breath Volatile Organic Compounds. <i>Metabolites</i> , 2022, 12, 224.	2.9	8
220	Leg vasoconstriction during head-up tilt in patients with autonomic failure is not abolished. <i>Journal of Applied Physiology</i> , 2011, 110, 416-422.	2.5	7
221	Impact of prolonged walking exercise on cardiac structure and function in cardiac patients versus healthy controls. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1252-1260.	1.8	7
222	Physical Activity and Cognitive Function of Long-Distance Walkers: Studying Four Days Marches Participants. <i>Rejuvenation Research</i> , 2017, 20, 367-374.	1.8	7
223	Association between Lifelong Physical Activity and Disease Characteristics in HCM. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1995-2002.	0.4	7
224	The effect of inspired oxygen fraction on peak oxygen uptake during arm exercise. <i>European Journal of Applied Physiology</i> , 2003, 90, 120-124.	2.5	6
225	Effect of naproxen on the hypothalamicâ€“pituitaryâ€“ adrenal axis in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2009, 67, 22-28.	2.4	6
226	Association of Fitness Level With Cardiovascular Risk and Vascular Function in Older Nonexercising Individuals. <i>Journal of Aging and Physical Activity</i> , 2015, 23, 417-424.	1.0	6
227	Assessment of serum free light chain levels in healthy adults immediately after marathon running. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 459-65.	2.3	6
228	Insulin-Associated Weight Gain in Type 2 Diabetes Is Associated With Increases in Sedentary Behavior. <i>Diabetes Care</i> , 2017, 40, e120-e121.	8.6	6
229	Select Skeletal Muscle mRNAs Related to Exercise Adaptation Are Minimally Affected by Different Pre-exercise Meals that Differ in Macronutrient Profile. <i>Frontiers in Physiology</i> , 2018, 9, 28.	2.8	6
230	A 4-week exercise and protein program improves muscle mass and physical functioning in older adults â€“ A pilot study. <i>Experimental Gerontology</i> , 2020, 141, 111094.	2.8	6
231	Decreased Aerobic Exercise Capacity After Long-Term Remission From Cushing Syndrome: Exploration of Mechanisms. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e1408-e1418.	3.6	6
232	Refractory neutrophils and monocytes in patients with inflammatory bowel disease after repeated bouts of prolonged exercise. <i>Cytometry Part B - Clinical Cytometry</i> , 2021, 100, 676-682.	1.5	6
233	Increasing Nitrate-Rich Vegetable Intake Lowers Ambulatory Blood Pressure in (pre)Hypertensive Middle-Aged and Older Adults: A 12-Wk Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2021, 151, 2667-2679.	2.9	6
234	Last Word on Point:Counterpoint: Exercise training does/does not induce vascular adaptations beyond the active muscle beds. <i>Journal of Applied Physiology</i> , 2008, 105, 1011-1011.	2.5	5

#	ARTICLE	IF	CITATIONS
235	Maximal exercise performance in patients with postcancer fatigue. <i>Supportive Care in Cancer</i> , 2013, 21, 439-447.	2.2	5
236	The binding study advice in medical education: a 2-year experience. <i>Perspectives on Medical Education</i> , 2015, 4, 39-42.	3.5	5
237	Within-subject Variation of Thermoregulatory Responses during Repeated Exercise Bouts. <i>International Journal of Sports Medicine</i> , 2015, 36, 631-635.	1.7	5
238	Changes in dynamic left ventricular function, assessed by the strain-volume loop, relate to reverse remodeling after aortic valve replacement. <i>Journal of Applied Physiology</i> , 2019, 127, 415-422.	2.5	5
239	Development and validation of models to predict respiratory function in persons with long-term spinal cord injury. <i>Spinal Cord</i> , 2019, 57, 1064-1075.	1.9	5
240	Respiratory function and respiratory complications in spinal cord injury: protocol for a prospective, multicentre cohort study in high-income countries. <i>BMJ Open</i> , 2020, 10, e038204.	1.9	5
241	The Impact of Protein Supplementation on Exercise-Induced Muscle Damage, Soreness and Fatigue Following Prolonged Walking Exercise in Vital Older Adults: A Randomized Double-Blind Placebo-Controlled Trial. <i>Nutrients</i> , 2020, 12, 1806.	4.1	5
242	Relationship between intake and plasma concentrations of vitamin B12 and folate in 873 adults with a physically active lifestyle: a cross-sectional study. <i>Journal of Human Nutrition and Dietetics</i> , 2021, 34, 324-333.	2.5	5
243	Cardiac Biomarker Kinetics and Their Association With Magnetic Resonance Measures of Cardiomyocyte Integrity Following a Marathon Run: Implications for Postexercise Biomarker Testing. <i>Journal of the American Heart Association</i> , 2021, 10, e020039.	3.7	5
244	The impact of feedback during formative testing on study behaviour and performance of (bio)medical students: a randomised controlled study. <i>BMC Medical Education</i> , 2019, 19, 97.	2.4	4
245	Impact of protein supplementation during endurance training on changes in skeletal muscle transcriptome. <i>BMC Genomics</i> , 2020, 21, 397.	2.8	4
246	Acute impact of changes to hemodynamic load on the left ventricular strain-volume relationship in young and older men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R743-R750.	1.8	4
247	The Effect of Protein Supplementation versus Carbohydrate Supplementation on Muscle Damage Markers and Soreness Following a 15-km Road Race: A Double-Blind Randomized Controlled Trial. <i>Nutrients</i> , 2021, 13, 858.	4.1	4
248	Bilateral Changes in Forearm Oxygen Consumption at Rest and After Exercise in Patients With Unilateral Repetitive Strain Injury: A Case-Control Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2012, 42, 371-378.	3.5	3
249	Reproducibility of assessing rib cage mobility from computed tomography images. <i>Clinical Physiology and Functional Imaging</i> , 2012, 32, 282-287.	1.2	3
250	The impact of exercise on the variation of serum free light chains. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, e239-42.	2.3	3
251	Fitness and Coronary Artery Calcification. <i>JAMA Internal Medicine</i> , 2016, 176, 716.	5.1	3
252	Red Blood Cell Aging as a Homeostatic Response to Exercise-Induced Stress. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4827.	2.5	3

#	ARTICLE	IF	CITATIONS
253	Muscle fiber dysfunction contributes to weakness in inclusion body myositis. <i>Neuromuscular Disorders</i> , 2019, 29, 468-476.	0.6	3
254	Thermoregulatory, metabolic, and cardiovascular responses during 88Âmin of full-body ice immersion – A case study. <i>Physiological Reports</i> , 2019, 7, e14304.	1.7	3
255	No signs of subclinical atherosclerosis after risk-reducing salpingo-oophorectomy in BRCA1/2 mutation carriers. <i>Journal of Cardiology</i> , 2021, 77, 570-575.	1.9	3
256	Effect of a personalised mHealth home-based training application on physical activity levels during and after centre-based cardiac rehabilitation: rationale and design of the Cardiac RehApp randomised control trial. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001159.	2.9	3
257	Lower limb vasodilatory capacity is not reduced in patients with moderate COPD. <i>International Journal of COPD</i> , 2006, 1, 73-81.	2.3	3
258	Letter by Poelkens et al Regarding Article, “Aerobic Interval Training Versus Continuous Moderate Exercise as a Treatment for the Metabolic Syndrome: A Pilot Study” Circulation, 2009, 119, e225; author reply e226.	1.6	2
259	Sedentary Behaviour Intervention as a Personalised Secondary Prevention Strategy (SIT LESS) for patients with coronary artery disease participating in cardiac rehabilitation: rationale and design of the SIT LESS randomised clinical trial. <i>BMJ Open Sport and Exercise Medicine</i> , 2022, 8, e001364.	2.9	2
260	168 THREE-YEAR LONGITUDINAL CHANGES IN PHYSICAL CAPACITY OF MEN WITH SPINAL CORD INJURIES. <i>Medicine and Science in Sports and Exercise</i> , 1994, 26, S30.	0.4	1
261	Walking Speed and Cognition in Later Life: Findings from Older Participants of the Nijmegen 4Days Marches. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 820-821.	2.6	1
262	Letter to the Editor: “Exercise Training Adaptations in Metabolic Syndrome Individuals on Chronic Statin Treatment” <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3484-e3485.	3.6	1
263	Impact of thermal sensation on exercise performance in the heat: a Thermo Tokyo sub-study. <i>European Journal of Applied Physiology</i> , 2022, 122, 437-446.	2.5	1
264	Effect of Training on Vascular Function in Individuals with Metabolic Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S173.	0.4	0
265	PS1 - 6. Exercise Training Improves Vascular Structure and Induces Expression of Both Pro- and Anti-Angiogenic Factors in Skeletal Muscle of Women with the Metabolic Syndrome. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012, 10, 102-103.	0.0	0
266	Meta-analysis Of The Effect Of Exercise Training Versus Diet On Visceral Adipose Tissue And Weight Loss. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 467.	0.4	0
267	P664Effect of lifelong physical activity on phenotype expression in hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2018, 39, .	2.2	0
268	P1513Exercise-induced cardiac troponin I release and incident cardiovascular morbidity and mortality. <i>European Heart Journal</i> , 2019, 40, .	2.2	0
269	Vascular Adaptations after 4 Weeks Training with a Hybrid FES-Cycle Ergometer in Spinal Cord-Injured Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, S241.	0.4	0
270	The Influence Of 4-days Walking Exercise On Core Temperature, Plasma Volume And Sodium-concentration. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, S391.	0.4	0

#	ARTICLE	IF	CITATIONS
271	Does Functional Electro-stimulation Reverse Impaired Skin Microcirculatory Function In Spinal Cord Injury. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 152.	0.4	0
272	The effect of physical deconditioning and exercise on VEGF expression and vascular function. <i>FASEB Journal</i> , 2010, 24, 1036.4.	0.5	0
273	The identification of gene clusters that correlate with vascular adaptations after physical deconditioning and exercise training in humans. <i>FASEB Journal</i> , 2012, 26, .	0.5	0
274	Activation of hemostatic pathways by exercise induced hyperthermia. <i>FASEB Journal</i> , 2012, 26, 1084.10.	0.5	0
275	The upregulation of skeletal muscle inflammatory genes links inflammation with impaired insulin resistance in women with the metabolic syndrome. <i>FASEB Journal</i> , 2013, 27, 1109.4.	0.5	0
276	THE EFFECT OF ELECTRICAL STIMULATION AND VOLUNTARY EXERCISE ON THE QUADRICEPS MUSCLE AFTER KNEE SURGERY 160. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 27.	0.4	0
277	Impact of Moderate Intensity Endurance Exercise on Kidney Injury. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 663.	0.4	0
278	Exercise-induced cardiac troponin T release in veteran athletes recovered from COVID-19. <i>European Journal of Preventive Cardiology</i> , 2022, , .	1.8	0
279	Comprehensive multivariate evaluation of the effects on cell phenotypes in multicolor flow cytometry data using ANOVA simultaneous component analysis. <i>Journal of Chemometrics</i> , 2023, 37, .	1.3	0