

Dick H J Thijssen

List of Publications by Year in descending order

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Version: 2024-02-01

336
papers

14,061
citations

22132

59
h-index

27389

106
g-index

341
all docs

341
docs citations

341
times ranked

11633
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of flow-mediated dilation in humans: a methodological and physiological guideline. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H2-H12.	1.5	1,126
2	Expert consensus and evidence-based recommendations for the assessment of flow-mediated dilation in humans. <i>European Heart Journal</i> , 2019, 40, 2534-2547.	1.0	532
3	Vascular Adaptation to Exercise in Humans: Role of Hemodynamic Stimuli. <i>Physiological Reviews</i> , 2017, 97, 495-528.	13.1	456
4	Flow-Mediated Dilation and Cardiovascular Event Prediction. <i>Hypertension</i> , 2011, 57, 363-369.	1.3	430
5	Shear Stress Mediates Endothelial Adaptations to Exercise Training in Humans. <i>Hypertension</i> , 2010, 55, 312-318.	1.3	371
6	Importance of Measuring the Time Course of Flow-Mediated Dilatation in Humans. <i>Hypertension</i> , 2008, 51, 203-210.	1.3	328
7	Regulation of cerebral blood flow in humans: physiology and clinical implications of autoregulation. <i>Physiological Reviews</i> , 2021, 101, 1487-1559.	13.1	303
8	Is Flow-Mediated Dilation Nitric Oxide Mediated?. <i>Hypertension</i> , 2014, 63, 376-382.	1.3	292
9	Impact of Shear Rate Modulation on Vascular Function in Humans. <i>Hypertension</i> , 2009, 54, 278-285.	1.3	257
10	Retrograde Flow and Shear Rate Acutely Impair Endothelial Function in Humans. <i>Hypertension</i> , 2009, 53, 986-992.	1.3	256
11	Impact of inactivity and exercise on the vasculature in humans. <i>European Journal of Applied Physiology</i> , 2010, 108, 845-875.	1.2	242
12	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.	3.1	227
13	Time course of change in vasodilator function and capacity in response to exercise training in humans. <i>Journal of Physiology</i> , 2008, 586, 5003-5012.	1.3	210
14	Ischemic preconditioning improves maximal performance in humans. <i>European Journal of Applied Physiology</i> , 2010, 108, 141-146.	1.2	180
15	Sedentary Behavior and Cardiovascular Disease Risk: Mediating Mechanisms. <i>Exercise and Sport Sciences Reviews</i> , 2017, 45, 80-86.	1.6	168
16	Arterial structure and function in vascular ageing: are you as old as your arteries?. <i>Journal of Physiology</i> , 2016, 594, 2275-2284.	1.3	166
17	Flow-mediated dilatation in the superficial femoral artery is nitric oxide mediated in humans. <i>Journal of Physiology</i> , 2008, 586, 1137-1145.	1.3	164
18	A new approach to improve the specificity of flow-mediated dilation for indicating endothelial function in cardiovascular research. <i>Journal of Hypertension</i> , 2013, 31, 287-291.	0.3	162

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19	Impact of age, sex, and exercise on brachial artery flow-mediated dilatation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1109-H1116.	1.5	155
20	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.	0.2	150
21	Effects of acute exercise on flow-mediated dilatation in healthy humans. <i>Journal of Applied Physiology</i> , 2013, 115, 1589-1598.	1.2	149
22	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.	3.1	149
23	Vascular adaptation in athletes: is there an "athlete's artery"? <i>Experimental Physiology</i> , 2012, 97, 295-304.	0.9	138
24	Effect of Ischemic Preconditioning on Lactate Accumulation and Running Performance. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2084-2089.	0.2	133
25	Haematopoietic stem cells and endothelial progenitor cells in healthy men: effect of aging and training. <i>Aging Cell</i> , 2006, 5, 495-503.	3.0	132
26	Exercise and vascular adaptation in asymptomatic humans. <i>Experimental Physiology</i> , 2011, 96, 57-70.	0.9	127
27	Brachial artery adaptation to lower limb exercise training: role of shear stress. <i>Journal of Applied Physiology</i> , 2012, 112, 1653-1658.	1.2	127
28	Heterogeneity in conduit artery function in humans: impact of arterial size. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1927-H1934.	1.5	123
29	Impact of exercise training on arterial wall thickness in humans. <i>Clinical Science</i> , 2012, 122, 311-322.	1.8	117
30	Seven-Day Remote Ischemic Preconditioning Improves Local and Systemic Endothelial Function and Microcirculation in Healthy Humans. <i>American Journal of Hypertension</i> , 2014, 27, 918-925.	1.0	110
31	Regular walking breaks prevent the decline in cerebral blood flow associated with prolonged sitting. <i>Journal of Applied Physiology</i> , 2018, 125, 790-798.	1.2	103
32	Effects of exercise on endothelium and endothelium/smooth muscle cross talk: role of exercise-induced hemodynamics. <i>Journal of Applied Physiology</i> , 2011, 111, 311-320.	1.2	99
33	Obligatory role of hyperaemia and shear stress in microvascular adaptation to repeated heating in humans. <i>Journal of Physiology</i> , 2010, 588, 1571-1577.	1.3	95
34	Repeated increases in blood flow, independent of exercise, enhance conduit artery vasodilator function in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H664-H669.	1.5	95
35	Does arterial shear explain the magnitude of flow-mediated dilation?: a comparison between young and older humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H57-H64.	1.5	91
36	Is the ratio of flow-mediated dilation and shear rate a statistically sound approach to normalization in cross-sectional studies on endothelial function?. <i>Journal of Applied Physiology</i> , 2009, 107, 1893-1899.	1.2	91

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37	Effects of Exercise Intensity on Flow Mediated Dilation in Healthy Humans. <i>International Journal of Sports Medicine</i> , 2013, 34, 409-414.	0.8	90
38	Remote ischemic preconditioning prevents reduction in brachial artery flow-mediated dilation after strenuous exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H533-H538.	1.5	86
39	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.	0.2	82
40	Exercise-Induced Cardiac Troponin I Increase and Incident Mortality and Cardiovascular Events. <i>Circulation</i> , 2019, 140, 804-814.	1.6	82
41	Association of Exercise Preconditioning With Immediate Cardioprotection. <i>JAMA Cardiology</i> , 2018, 3, 169.	3.0	81
42	Enhanced endothelin-1-mediated leg vascular tone in healthy older subjects. <i>Journal of Applied Physiology</i> , 2007, 103, 852-857.	1.2	76
43	The Impact of Exercise Training on Conduit Artery Wall Thickness and Remodeling in Chronic Heart Failure Patients. <i>Hypertension</i> , 2011, 57, 56-62.	1.3	76
44	Exercise and arterial adaptation in humans: uncoupling localized and systemic effects. <i>Journal of Applied Physiology</i> , 2011, 110, 1190-1195.	1.2	75
45	Impact of age, sex and exercise on brachial and popliteal artery remodelling in humans. <i>Atherosclerosis</i> , 2010, 210, 525-530.	0.4	70
46	Dementia Patients Are More Sedentary and Less Physically Active than Age- and Sex-Matched Cognitively Healthy Older Adults. <i>Dementia and Geriatric Cognitive Disorders</i> , 2018, 46, 81-89.	0.7	70
47	Aging attenuates the protective effect of ischemic preconditioning against endothelial ischemia-reperfusion injury in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H1727-H1732.	1.5	69
48	Predictors of cardiac troponin release after a marathon. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 88-92.	0.6	68
49	Rapid Vascular Adaptations to Training and Detraining in Persons With Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 474-481.	0.5	67
50	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.	1.2	67
51	Sympathetic nervous system contributes to the age-related impairment of flow-mediated dilation of the superficial femoral artery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H3122-H3129.	1.5	66
52	Relation between age and carotid artery intima-media thickness: a systematic review. <i>Clinical Cardiology</i> , 2018, 41, 698-704.	0.7	66
53	The Effect of Black Tea on Blood Pressure: A Systematic Review with Meta-Analysis of Randomized Controlled Trials. <i>PLoS ONE</i> , 2014, 9, e103247.	1.1	65
54	Adherence to guidelines strongly improves reproducibility of brachial artery flow-mediated dilation. <i>Atherosclerosis</i> , 2016, 248, 196-202.	0.4	65

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55	Local Vascular Adaptations after Hybrid Training in Spinal Cord Injured Subjects. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1112-1118.	0.2	64
56	Sex differences in vascular endothelial function and health in humans: impacts of exercise. <i>Experimental Physiology</i> , 2016, 101, 230-242.	0.9	63
57	Reproducibility of blood flow and post-occlusive reactive hyperaemia as measured by venous occlusion plethysmography. <i>Clinical Science</i> , 2005, 108, 151-157.	1.8	62
58	Vascular adaptations to 8-week cycling training in older men. <i>Acta Physiologica</i> , 2007, 190, 221-228.	1.8	62
59	Effect of Prolonged Walking on Cardiac Troponin Levels. <i>American Journal of Cardiology</i> , 2010, 105, 267-272.	0.7	62
60	Blood vessel remodeling and physical inactivity in humans. <i>Journal of Applied Physiology</i> , 2011, 111, 1836-1845.	1.2	62
61	Combined EEG-fNIRS Decoding of Motor Attempt and Imagery for Brain Switch Control: An Offline Study in Patients With Tetraplegia. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2014, 22, 222-229.	2.7	62
62	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.	1.1	61
63	Relationship between upper and lower limb conduit artery vasodilator function in humans. <i>Journal of Applied Physiology</i> , 2011, 111, 244-250.	1.2	60
64	Acute impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in humans. <i>Physiological Reports</i> , 2014, 2, e00193.	0.7	59
65	Impact of eight weeks of repeated ischaemic preconditioning on brachial artery and cutaneous microcirculatory function in healthy males. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1083-1087.	0.8	59
66	Impact of Bed Rest on Conduit Artery Remodeling. <i>Hypertension</i> , 2010, 56, 240-246.	1.3	58
67	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.	1.2	56
68	Blood Redistribution during Exercise in Subjects with Spinal Cord Injury and Controls. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1249-1254.	0.2	53
69	The impact of baseline diameter on flow-mediated dilation differs in young and older humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1594-H1598.	1.5	51
70	Why Isn't Flow-Mediated Dilation Enhanced in Athletes?. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 75-82.	0.2	51
71	Exercise training improves physical fitness and vascular function in children with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2011, 13, 382-384.	2.2	50
72	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.	0.2	49

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73	Sympathetic nervous system activation, arterial shear rate, and flow-mediated dilation. <i>Journal of Applied Physiology</i> , 2014, 116, 1300-1307.	1.2	49
74	Prognostic value of right ventricular longitudinal strain in patients with pulmonary hypertension: a systematic review and meta-analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 475-484.	0.5	49
75	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.	2.0	49
76	Impact of sympathetic nervous system activity on post-exercise flow-mediated dilatation in humans. <i>Journal of Physiology</i> , 2015, 593, 5145-5156.	1.3	48
77	Low-Flow Mediated Constriction is Endothelium-Dependent. <i>Circulation: Cardiovascular Interventions</i> , 2012, 5, 713-719.	1.4	47
78	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.	1.1	46
79	Sustained inflammation, coagulation activation and elevated endothelin-1 levels without macrovascular dysfunction at 3 months after COVID-19. <i>Thrombosis Research</i> , 2022, 209, 106-114.	0.8	46
80	Impact of Physical Fitness and Daily Energy Expenditure on Sleep Efficiency in Young and Older Humans. <i>Gerontology</i> , 2013, 59, 8-16.	1.4	44
81	Reference Intervals for Brachial Artery Flow-Mediated Dilation and the Relation With Cardiovascular Risk Factors. <i>Hypertension</i> , 2021, 77, 1469-1480.	1.3	44
82	The Effect of Water Immersion during Exercise on Cerebral Blood Flow. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 299-306.	0.2	43
83	The impact of exercise intensity on cardiac troponin I release. <i>International Journal of Cardiology</i> , 2014, 171, e3-e4.	0.8	42
84	Acute hot water immersion is protective against impaired vascular function following forearm ischemia-reperfusion in young healthy humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1060-R1067.	0.9	41
85	Impact of ischemic preconditioning on functional sympatholysis during handgrip exercise in humans. <i>Physiological Reports</i> , 2015, 3, e12304.	0.7	40
86	Remote Ischemic Conditioning as an Additional Treatment for Acute Ischemic Stroke. <i>Stroke</i> , 2019, 50, 1934-1939.	1.0	40
87	The Association of Sedentary Behaviour and Cognitive Function in People Without Dementia: A Coordinated Analysis Across Five Cohort Studies from COSMIC. <i>Sports Medicine</i> , 2020, 50, 403-413.	3.1	39
88	Angiotensin II contributes to the increased baseline leg vascular resistance in spinal cord-injured individuals. <i>Journal of Hypertension</i> , 2010, 28, 2094-2101.	0.3	38
89	Complete absence of evening melatonin increase in tetraplegics. <i>FASEB Journal</i> , 2012, 26, 3059-3064.	0.2	38
90	Do acute effects of exercise on vascular function predict adaptation to training?. <i>European Journal of Applied Physiology</i> , 2018, 118, 523-530.	1.2	38

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91	Decreased Energy Cost and Improved Gait Pattern Using a New Orthosis in Persons With Long-Term Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007, 88, 181-186.	0.5	37
92	Effect of SR Manipulation on Conduit Artery Dilation in Humans. <i>Hypertension</i> , 2013, 61, 143-150.	1.3	36
93	Is There an Optimal Ischemic-Preconditioning Dose to Improve Cycling Performance?. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 274-282.	1.1	36
94	Acute Change in Vascular Tone Alters Intima-Media Thickness. <i>Hypertension</i> , 2011, 58, 240-246.	1.3	34
95	Left and right ventricular longitudinal strain-volume/area relationships in elite athletes. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1199-1211.	0.7	34
96	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.	0.8	34
97	The role of endothelial progenitor and cardiac stem cells in the cardiovascular adaptations to age and exercise. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4685.	3.0	33
98	Resistive exercise versus resistive vibration exercise to counteract vascular adaptations to bed rest. <i>Journal of Applied Physiology</i> , 2010, 108, 28-33.	1.2	33
99	Impact of wall thickness on conduit artery function in humans: Is there a "Folkow" effect?. <i>Atherosclerosis</i> , 2011, 217, 415-419.	0.4	33
100	Effect of different walking break strategies on superficial femoral artery endothelial function. <i>Physiological Reports</i> , 2019, 7, e14190.	0.7	33
101	The short-term effects of sedentary behaviour on cerebral hemodynamics and cognitive performance in older adults: a cross-over design on the potential impact of mental and/or physical activity. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 76.	3.0	33
102	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.	1.5	32
103	Impact of age and sex on carotid and peripheral arterial wall thickness in humans. <i>Acta Physiologica</i> , 2012, 206, 220-228.	1.8	31
104	Impact of handgrip exercise intensity on brachial artery flow-mediated dilation. <i>European Journal of Applied Physiology</i> , 2015, 115, 1705-1713.	1.2	31
105	A Single Bout of High-Intensity Interval Training Reduces Awareness of Subsequent Hypoglycemia in Patients With Type 1 Diabetes. <i>Diabetes</i> , 2017, 66, 1990-1998.	0.3	31
106	Forearm blood flow and oxygen consumption in patients with bilateral repetitive strain injury measured by near-infrared spectroscopy. <i>Clinical Physiology and Functional Imaging</i> , 2006, 26, 178-184.	0.5	30
107	Sex difference in fluid balance responses during prolonged exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 198-206.	1.3	30
108	Thermoregulatory responses in wheelchair tennis players: a pilot study. <i>Spinal Cord</i> , 2014, 52, 373-377.	0.9	30

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109	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.	0.6	30
110	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.	1.2	30
111	Repeated ischaemic preconditioning: a novel therapeutic intervention and potential underlying mechanisms. <i>Experimental Physiology</i> , 2016, 101, 677-692.	0.9	30
112	Making a move in exercise referral: co-development of a physical activity referral scheme. <i>Journal of Public Health</i> , 2018, 40, e586-e593.	1.0	30
113	Correlation of carotid artery reactivity with cardiovascular risk factors and coronary artery vasodilator responses in asymptomatic, healthy volunteers. <i>Journal of Hypertension</i> , 2017, 35, 1026-1034.	0.3	30
114	Impact of 2â€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.	1.6	29
115	Physical (in)activity and endotheliumâ€derived constricting factors: overlooked adaptations. <i>Journal of Physiology</i> , 2008, 586, 319-324.	1.3	28
116	Expression of genes involved in fatty acid transport and insulin signaling is altered by physical inactivity and exercise training in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E1245-E1251.	1.8	28
117	The impact of age on vascular smooth muscle function in humans. <i>Journal of Hypertension</i> , 2015, 33, 445-453.	0.3	28
118	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. <i>PLoS Medicine</i> , 2021, 18, e1003845.	3.9	28
119	Distinct Effects of Blood Flow and Temperature on Cutaneous Microvascular Adaptation. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 2113-2121.	0.2	27
120	Impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in older subjects. <i>Atherosclerosis</i> , 2015, 241, 199-204.	0.4	27
121	Sixteenâ€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.	1.6	26
122	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.	1.6	26
123	Mapping the multicausality of Alzheimerâ€s disease through group model building. <i>GeroScience</i> , 2021, 43, 829-843.	2.1	26
124	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.	1.2	25
125	Cardiovascular function and the veteran athlete. <i>European Journal of Applied Physiology</i> , 2010, 110, 459-478.	1.2	25
126	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.	0.9	25

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127	Exercise-mediated changes in conduit artery wall thickness in humans: role of shear stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H241-H246.	1.5	25
128	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.	1.2	25
129	Heart failure is associated with exaggerated endothelial ischaemiaâ€“reperfusion injury and attenuated effect of ischaemic preconditioning. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 33-40.	0.8	25
130	Ischemic Preconditioning Improves Microvascular Endothelial Function in Remote Vasculature by Enhanced Prostacyclin Production. <i>Journal of the American Heart Association</i> , 2020, 9, e016017.	1.6	25
131	The impact of obesity on physiological responses during prolonged exercise. <i>International Journal of Obesity</i> , 2011, 35, 1404-1412.	1.6	24
132	Local and systemic effects of leg cycling training on arterial wall thickness in healthy humans. <i>Atherosclerosis</i> , 2013, 229, 282-286.	0.4	24
133	Low-flow mediated constriction: the yin to FMDâ€™s yang?. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 557-564.	0.6	24
134	The impact of remote ischemic preconditioning on cardiac biomarker and functional response to endurance exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 1061-1069.	1.3	24
135	Impact of COVID-19 lockdown on physical activity and sedentary behaviour in Dutch cardiovascular disease patients. <i>Netherlands Heart Journal</i> , 2021, 29, 273-279.	0.3	24
136	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.	1.2	23
137	Opposing effects of shear-mediated dilation and myogenic constriction on artery diameter in response to handgrip exercise in humans. <i>Journal of Applied Physiology</i> , 2015, 119, 858-864.	1.2	23
138	Effects of Cooling During Exercise on Thermoregulatory Responses of Men With Paraplegia. <i>Physical Therapy</i> , 2016, 96, 650-658.	1.1	23
139	Counteracting venous stasis during acute lower leg immobilization. <i>Acta Physiologica</i> , 2006, 186, 111-118.	1.8	22
140	Exploratory assessment of left ventricular strainâ€“volume loops in severe aortic valve diseases. <i>Journal of Physiology</i> , 2017, 595, 3961-3971.	1.3	22
141	Fluctuation in shear rate, with unaltered mean shear rate, improves brachial artery flow-mediated dilation in healthy, young men. <i>Journal of Applied Physiology</i> , 2019, 126, 1687-1693.	1.2	22
142	The effect of bed rest and an exercise countermeasure on leg venous function. <i>European Journal of Applied Physiology</i> , 2008, 104, 991-998.	1.2	21
143	Glycemic control during consecutive days with prolonged walking exercise in individuals with type 1 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2016, 117, 74-81.	1.1	21
144	Carotid Artery Reactivity Predicts Events in Peripheral Arterial Disease Patients. <i>Annals of Surgery</i> , 2019, 269, 767-773.	2.1	21

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145	Cardiac rehabilitation and all-cause mortality in patients with heart failure: a retrospective cohort study. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1704-1710.	0.8	21
146	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.	1.2	20
147	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.	1.5	20
148	Correlates of Total and domain-specific Sedentary behavior: a cross-sectional study in Dutch adults. <i>BMC Public Health</i> , 2020, 20, 220.	1.2	20
149	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.	0.2	20
150	Reproducibility of four frequently used local heating protocols to assess cutaneous microvascular function. <i>Microvascular Research</i> , 2017, 112, 65-71.	1.1	19
151	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.	1.5	19
152	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.	0.6	18
153	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.	0.9	18
154	Exercise-Based Cardiac Rehabilitation and All-Cause Mortality Among Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2021, 10, e020804.	1.6	18
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