

# Dick H J Thijssen

## List of Publications by Citations

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310  
papers

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52  
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341  
ext. papers

12,363  
ext. citations

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6.41  
L-index

#	Paper	IF	Citations
3 <sup>10</sup>	Assessment of flow-mediated dilation in humans: a methodological and physiological guideline. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 300, H2-12	5.2	947
3 <sup>09</sup>	Flow-mediated dilation and cardiovascular event prediction: does nitric oxide matter?. <i>Hypertension</i> , <b>2011</b> , 57, 363-9	8.5	329
3 <sup>08</sup>	Shear stress mediates endothelial adaptations to exercise training in humans. <i>Hypertension</i> , <b>2010</b> , 55, 312-8	8.5	318
3 <sup>07</sup>	Vascular Adaptation to Exercise in Humans: Role of Hemodynamic Stimuli. <i>Physiological Reviews</i> , <b>2017</b> , 97, 495-528	47.9	304
3 <sup>06</sup>	Importance of measuring the time course of flow-mediated dilatation in humans. <i>Hypertension</i> , <b>2008</b> , 51, 203-10	8.5	296
3 <sup>05</sup>	Expert consensus and evidence-based recommendations for the assessment of flow-mediated dilation in humans. <i>European Heart Journal</i> , <b>2019</b> , 40, 2534-2547	9.5	264
3 <sup>04</sup>	Retrograde flow and shear rate acutely impair endothelial function in humans. <i>Hypertension</i> , <b>2009</b> , 53, 986-92	8.5	225
3 <sup>03</sup>	Is flow-mediated dilation nitric oxide mediated?: A meta-analysis. <i>Hypertension</i> , <b>2014</b> , 63, 376-82	8.5	223
3 <sup>02</sup>	Impact of shear rate modulation on vascular function in humans. <i>Hypertension</i> , <b>2009</b> , 54, 278-85	8.5	221
3 <sup>01</sup>	Impact of inactivity and exercise on the vasculature in humans. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 108, 845-75	3.4	209
3 <sup>00</sup>	Time course of change in vasodilator function and capacity in response to exercise training in humans. <i>Journal of Physiology</i> , <b>2008</b> , 586, 5003-12	3.9	178
2 <sup>99</sup>	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> , <b>2016</b> , 17, 664-90	10.6	147
2 <sup>98</sup>	Ischemic preconditioning improves maximal performance in humans. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 108, 141-6	3.4	145
2 <sup>97</sup>	Flow-mediated dilatation in the superficial femoral artery is nitric oxide mediated in humans. <i>Journal of Physiology</i> , <b>2008</b> , 586, 1137-45	3.9	144
2 <sup>96</sup>	A new approach to improve the specificity of flow-mediated dilation for indicating endothelial function in cardiovascular research. <i>Journal of Hypertension</i> , <b>2013</b> , 31, 287-91	1.9	143
2 <sup>95</sup>	Impact of age, sex, and exercise on brachial artery flow-mediated dilatation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 297, H1109-16	5.2	128
2 <sup>94</sup>	Brachial artery blood flow responses to different modalities of lower limb exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2009</b> , 41, 1072-9	1.2	127

293	Haematopoietic stem cells and endothelial progenitor cells in healthy men: effect of aging and training. <i>Aging Cell</i> , <b>2006</b> , 5, 495-503	9.9	122
292	Exercise and vascular adaptation in asymptomatic humans. <i>Experimental Physiology</i> , <b>2011</b> , 96, 57-70	2.4	114
291	Precooling and percooling (cooling during exercise) both improve performance in the heat: a meta-analytical review. <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 377-84	10.3	113
290	Heterogeneity in conduit artery function in humans: impact of arterial size. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 295, H1927-34	5.2	111
289	Effects of acute exercise on flow-mediated dilatation in healthy humans. <i>Journal of Applied Physiology</i> , <b>2013</b> , 115, 1589-98	3.7	107
288	Brachial artery adaptation to lower limb exercise training: role of shear stress. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 1653-8	3.7	106
287	Vascular adaptation in athletes: is there an 'athlete's artery'?. <i>Experimental Physiology</i> , <b>2012</b> , 97, 295-304	2.4	105
286	Effect of ischemic preconditioning on lactate accumulation and running performance. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 2084-9	1.2	103
285	Sedentary Behavior and Cardiovascular Disease Risk: Mediating Mechanisms. <i>Exercise and Sport Sciences Reviews</i> , <b>2017</b> , 45, 80-86	6.7	101
284	Impact of exercise training on arterial wall thickness in humans. <i>Clinical Science</i> , <b>2012</b> , 122, 311-22	6.5	98
283	Seven-day remote ischemic preconditioning improves local and systemic endothelial function and microcirculation in healthy humans. <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 918-25	2.3	96
282	Effects of exercise on endothelium and endothelium/smooth muscle cross talk: role of exercise-induced hemodynamics. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 311-20	3.7	90
281	Obligatory role of hyperaemia and shear stress in microvascular adaptation to repeated heating in humans. <i>Journal of Physiology</i> , <b>2010</b> , 588, 1571-7	3.9	89
280	Arterial structure and function in vascular ageing: are you as old as your arteries?. <i>Journal of Physiology</i> , <b>2016</b> , 594, 2275-84	3.9	84
279	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> , <b>2009</b> , 296, H57-64	5.2	84
278	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> , <b>2009</b> , 107, 1893-9	3.7	84
277	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> , <b>2011</b> , 300, H664-9	5.2	82
276	Effects of exercise intensity on flow mediated dilation in healthy humans. <i>International Journal of Sports Medicine</i> , <b>2013</b> , 34, 409-14	3.6	76

275	Remote ischemic preconditioning prevents reduction in brachial artery flow-mediated dilation after strenuous exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H533-8	5.2	72
274	Exercise and arterial adaptation in humans: uncoupling localized and systemic effects. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 1190-5	3.7	70
273	The impact of exercise training on conduit artery wall thickness and remodeling in chronic heart failure patients. <i>Hypertension</i> , <b>2011</b> , 57, 56-62	8.5	70
272	Enhanced endothelin-1-mediated leg vascular tone in healthy older subjects. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 852-7	3.7	70
271	Impact of age, sex and exercise on brachial and popliteal artery remodelling in humans. <i>Atherosclerosis</i> , <b>2010</b> , 210, 525-30	3.1	65
270	Reduced satellite cell numbers with spinal cord injury and aging in humans. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 2322-30	1.2	64
269	Rapid vascular adaptations to training and detraining in persons with spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2006</b> , 87, 474-81	2.8	64
268	Regular walking breaks prevent the decline in cerebral blood flow associated with prolonged sitting. <i>Journal of Applied Physiology</i> , <b>2018</b> , 125, 790-798	3.7	62
267	Local vascular adaptations after hybrid training in spinal cord-injured subjects. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 1112-8	1.2	60
266	Predictors of cardiac troponin release after a marathon. <i>Journal of Science and Medicine in Sport</i> , <b>2015</b> , 18, 88-92	4.4	57
265	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> , <b>2006</b> , 291, H3122-9	5.2	57
264	Effect of prolonged walking on cardiac troponin levels. <i>American Journal of Cardiology</i> , <b>2010</b> , 105, 267-73		56
263	Vascular adaptations to 8-week cycling training in older men. <i>Acta Physiologica</i> , <b>2007</b> , 190, 221-8	5.6	56
262	Reproducibility of blood flow and post-occlusive reactive hyperaemia as measured by venous occlusion plethysmography. <i>Clinical Science</i> , <b>2005</b> , 108, 151-7	6.5	56
261	Regulation of cerebral blood flow in humans: physiology and clinical implications of autoregulation. <i>Physiological Reviews</i> , <b>2021</b> , 101, 1487-1559	47.9	56
260	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> , <b>2013</b> , 304, H1727-32	5.2	54
259	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> , <b>2015</b> , 22, 1083-7	3.9	52
258	Exercise training and artery function in humans: nonresponse and its relationship to cardiovascular risk factors. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 345-52	3.7	52

257	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> , <b>2014</b> , 22, 222-9	4.8	52
256	Acute impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in humans. <i>Physiological Reports</i> , <b>2014</b> , 2, e00193	2.6	52
255	The effect of black tea on blood pressure: a systematic review with meta-analysis of randomized controlled trials. <i>PLoS ONE</i> , <b>2014</b> , 9, e103247	3.7	51
254	Association of Exercise Preconditioning With Immediate Cardioprotection: A Review. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 169-176	16.2	51
253	Adherence to guidelines strongly improves reproducibility of brachial artery flow-mediated dilation. <i>Atherosclerosis</i> , <b>2016</b> , 248, 196-202	3.1	49
252	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> , <b>2008</b> , 295, H1594-8	5.2	49
251	Blood vessel remodeling and physical inactivity in humans. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 1836-45	5.7	48
250	Blood redistribution during exercise in subjects with spinal cord injury and controls. <i>Medicine and Science in Sports and Exercise</i> , <b>2009</b> , 41, 1249-54	1.2	48
249	Relationship between upper and lower limb conduit artery vasodilator function in humans. <i>Journal of Applied Physiology</i> , <b>2011</b> , 111, 244-50	3.7	46
248	Exercise-Induced Cardiac Troponin I Increase and Incident Mortality and Cardiovascular Events. <i>Circulation</i> , <b>2019</b> , 140, 804-814	16.7	44
247	Impact of bed rest on conduit artery remodeling: effect of exercise countermeasures. <i>Hypertension</i> , <b>2010</b> , 56, 240-6	8.5	44
246	Conduit diameter and wall remodeling in elite athletes and spinal cord injury. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, 844-9	1.2	44
245	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> , <b>2007</b> , 27, 325-31	9.4	44
244	Sympathetic nervous system activation, arterial shear rate, and flow-mediated dilation. <i>Journal of Applied Physiology</i> , <b>2014</b> , 116, 1300-7	3.7	43
243	Sex differences in vascular endothelial function and health in humans: impacts of exercise. <i>Experimental Physiology</i> , <b>2016</b> , 101, 230-42	2.4	42
242	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> , <b>2013</b> , 48, 1509-17	4.5	42
241	Why isn't flow-mediated dilation enhanced in athletes?. <i>Medicine and Science in Sports and Exercise</i> , <b>2013</b> , 45, 75-82	1.2	42
240	Exercise training improves physical fitness and vascular function in children with type 1 diabetes. <i>Diabetes, Obesity and Metabolism</i> , <b>2011</b> , 13, 382-4	6.7	42

239	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> , <b>2015</b> , 10, e0141256	3.7	41
238	Low-flow mediated constriction is endothelium-dependent: effects of exercise training after radial artery catheterization. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 713-9	6	38
237	Impact of sympathetic nervous system activity on post-exercise flow-mediated dilatation in humans. <i>Journal of Physiology</i> , <b>2015</b> , 593, 5145-56	3.9	37
236	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> , <b>2018</b> , 46, 81-89	2.6	35
235	The impact of exercise intensity on cardiac troponin I release. <i>International Journal of Cardiology</i> , <b>2014</b> , 171, e3-4	3.2	35
234	Impact of physical fitness and daily energy expenditure on sleep efficiency in young and older humans. <i>Gerontology</i> , <b>2013</b> , 59, 8-16	5.5	35
233	Angiotensin II contributes to the increased baseline leg vascular resistance in spinal cord-injured individuals. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 2094-101	1.9	33
232	Impact of wall thickness on conduit artery function in humans: is there a "Folkow" effect?. <i>Atherosclerosis</i> , <b>2011</b> , 217, 415-9	3.1	32
231	Acute change in vascular tone alters intima-media thickness. <i>Hypertension</i> , <b>2011</b> , 58, 240-6	8.5	32
230	Effect of SR manipulation on conduit artery dilation in humans. <i>Hypertension</i> , <b>2013</b> , 61, 143-50	8.5	31
229	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> , <b>2007</b> , 88, 181-6	2.8	31
228	The effect of water immersion during exercise on cerebral blood flow. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 299-306	1.2	30
227	Relation between age and carotid artery intima-medial thickness: a systematic review. <i>Clinical Cardiology</i> , <b>2018</b> , 41, 698-704	3.3	29
226	Impact of ischemic preconditioning on functional sympatholysis during handgrip exercise in humans. <i>Physiological Reports</i> , <b>2015</b> , 3, e12304	2.6	28
225	Complete absence of evening melatonin increase in tetraplegics. <i>FASEB Journal</i> , <b>2012</b> , 26, 3059-64	0.9	28
224	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> , <b>2016</b> , 311, R1060-R1067	3.2	28
223	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> , <b>2019</b> , 20, 475-484	4.1	28
222	The role of endothelial progenitor and cardiac stem cells in the cardiovascular adaptations to age and exercise. <i>Frontiers in Bioscience - Landmark</i> , <b>2009</b> , 14, 4685-702	2.8	27

221	Physical (in)activity and endothelium-derived constricting factors: overlooked adaptations. <i>Journal of Physiology</i> , <b>2008</b> , 586, 319-24	3.9	27
220	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> , <b>2006</b> , 26, 178-84	2.4	27
219	Left and right ventricular longitudinal strain-volume/area relationships in elite athletes. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 1199-211	2.5	27
218	Impact of handgrip exercise intensity on brachial artery flow-mediated dilation. <i>European Journal of Applied Physiology</i> , <b>2015</b> , 115, 1705-13	3.4	26
217	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> , <b>2015</b> , 115, 187-96	3.4	26
216	Impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in older subjects. <i>Atherosclerosis</i> , <b>2015</b> , 241, 199-204	3.1	25
215	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> , <b>2015</b> , 4, e001968	6	25
214	Is There an Optimal Ischemic-Preconditioning Dose to Improve Cycling Performance?. <i>International Journal of Sports Physiology and Performance</i> , <b>2018</b> , 13, 274-282	3.5	25
213	Effect of functional electrostimulation on impaired skin vasodilator responses to local heating in spinal cord injury. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 1065-71	3.7	25
212	Repeated ischaemic preconditioning: a novel therapeutic intervention and potential underlying mechanisms. <i>Experimental Physiology</i> , <b>2016</b> , 101, 677-92	2.4	24
211	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> , <b>2012</b> , 303, E1245-51	6	24
210	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> , <b>2012</b> , 112, 4103-9	3.4	24
209	Cardiovascular function and the veteran athlete. <i>European Journal of Applied Physiology</i> , <b>2010</b> , 110, 459-74	3.4	24
208	Do acute effects of exercise on vascular function predict adaptation to training?. <i>European Journal of Applied Physiology</i> , <b>2018</b> , 118, 523-530	3.4	24
207	A Single Bout of High-Intensity Interval Training Reduces Awareness of Subsequent Hypoglycemia in Patients With Type 1 Diabetes. <i>Diabetes</i> , <b>2017</b> , 66, 1990-1998	0.9	23
206	Remote Ischemic Conditioning as an Additional Treatment for Acute Ischemic Stroke. <i>Stroke</i> , <b>2019</b> , 50, 1934-1939	6.7	23
205	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> , <b>2015</b> , 18, 333-7	4.4	23
204	Thermoregulatory responses in wheelchair tennis players: a pilot study. <i>Spinal Cord</i> , <b>2014</b> , 52, 373-7	2.7	23

203	Sex difference in fluid balance responses during prolonged exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2013</b> , 23, 198-206	4.6	23
202	Resistive exercise versus resistive vibration exercise to counteract vascular adaptations to bed rest. <i>Journal of Applied Physiology</i> , <b>2010</b> , 108, 28-33	3.7	23
201	The effects of thoracic and cervical spinal cord lesions on the circadian rhythm of core body temperature. <i>Chronobiology International</i> , <b>2011</b> , 28, 146-54	3.6	23
200	Interval exercise, but not endurance exercise, prevents endothelial ischemia-reperfusion injury in healthy subjects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2015</b> , 308, H351-7	5.2	22
199	Local and systemic effects of leg cycling training on arterial wall thickness in healthy humans. <i>Atherosclerosis</i> , <b>2013</b> , 229, 282-6	3.1	22
198	Distinct effects of blood flow and temperature on cutaneous microvascular adaptation. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 2113-21	1.2	22
197	Exercise-mediated changes in conduit artery wall thickness in humans: role of shear stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 301, H241-6	5.2	22
196	Making a move in exercise referral: co-development of a physical activity referral scheme. <i>Journal of Public Health</i> , <b>2018</b> , 40, e586-e593	3.5	21
195	Effect of different walking break strategies on superficial femoral artery endothelial function. <i>Physiological Reports</i> , <b>2019</b> , 7, e14190	2.6	21
194	Low-flow mediated constriction: the yin to FMD's yang?. <i>Expert Review of Cardiovascular Therapy</i> , <b>2014</b> , 12, 557-64	2.5	21
193	Correlation of carotid artery reactivity with cardiovascular risk factors and coronary artery vasodilator responses in asymptomatic, healthy volunteers. <i>Journal of Hypertension</i> , <b>2017</b> , 35, 1026-1034	1.9	21
192	The impact of age on vascular smooth muscle function in humans. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 445-53; discussion 453	1.9	20
191	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> , <b>2020</b> , 17, 75	8.4	20
190	Endothelium-dependent and -independent vasodilation of the superficial femoral artery in spinal cord-injured subjects. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 1387-93	3.7	20
189	Counteracting venous stasis during acute lower leg immobilization. <i>Acta Physiologica</i> , <b>2006</b> , 186, 111-8	5.6	20
188	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> , <b>2015</b> , 119, 858-64	3.7	19
187	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> , <b>2020</b> , 12, 76	9	19
186	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> , <b>2014</b> , 307, H418-25	5.2	19



185	Impact of age and sex on carotid and peripheral arterial wall thickness in humans. <i>Acta Physiologica</i> , <b>2012</b> , 206, 220-8	5.6	19
184	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> , <b>2017</b> , 27, 1061-1069	4.6	17
183	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> , <b>2015</b> , 118, 579-85	3.7	17
182	The impact of obesity on physiological responses during prolonged exercise. <i>International Journal of Obesity</i> , <b>2011</b> , 35, 1404-12	5.5	17
181	Glycemic control during consecutive days with prolonged walking exercise in individuals with type 1 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , <b>2016</b> , 117, 74-81	7.4	17
180	Effects of Cooling During Exercise on Thermoregulatory Responses of Men With Paraplegia. <i>Physical Therapy</i> , <b>2016</b> , 96, 650-8	3.3	17
179	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> , <b>2020</b> , 50, 403-413	10.6	17
178	Exploratory assessment of left ventricular strain-volume loops in severe aortic valve diseases. <i>Journal of Physiology</i> , <b>2017</b> , 595, 3961-3971	3.9	16
177	Heart failure is associated with exaggerated endothelial ischaemia-reperfusion injury and attenuated effect of ischaemic preconditioning. <i>European Journal of Preventive Cardiology</i> , <b>2016</b> , 23, 33-40	3.9	16
176	The effect of bed rest and an exercise countermeasure on leg venous function. <i>European Journal of Applied Physiology</i> , <b>2008</b> , 104, 991-8	3.4	16
175	Absence of Fitness Improvement Is Associated with Outcomes in Heart Failure Patients. <i>Medicine and Science in Sports and Exercise</i> , <b>2018</b> , 50, 196-203	1.2	15
174	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> , <b>2019</b> , 8, e013764	6	15
173	The identification of genetic pathways involved in vascular adaptations after physical deconditioning versus exercise training in humans. <i>Experimental Physiology</i> , <b>2013</b> , 98, 710-21	2.4	15
172	Deep brain stimulation of the periaqueductal grey induces vasodilation in humans. <i>Hypertension</i> , <b>2011</b> , 57, e24-5	8.5	15
171	Detection of event-related desynchronization during attempted and imagined movements in tetraplegics for brain switch control. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 3967-9	0.9	15
170	Altered core and skin temperature responses to endurance exercise in heart failure patients and healthy controls. <i>European Journal of Preventive Cardiology</i> , <b>2016</b> , 23, 137-44	3.9	14
169	Is delayed ischemic preconditioning as effective on running performance during a 5km time trial as acute IPC?. <i>Journal of Science and Medicine in Sport</i> , <b>2017</b> , 20, 208-212	4.4	14
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162	Endurance exercise-induced changes in BNP concentrations in cardiovascular patients versus healthy controls. <i>International Journal of Cardiology</i> , <b>2017</b> , 227, 430-435	3.2	13
161	Arterial prehabilitation: can exercise induce changes in artery size and function that decrease complications of catheterization?. <i>Sports Medicine</i> , <b>2010</b> , 40, 481-92	10.6	13
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159	Carotid Artery Reactivity Predicts Events in Peripheral Arterial Disease Patients. <i>Annals of Surgery</i> , <b>2019</b> , 269, 767-773	7.8	13
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152	The effect of repeated remote ischemic postconditioning on infarct size in patients with an ischemic stroke (REPOST): study protocol for a randomized clinical trial. <i>Trials</i> , <b>2019</b> , 20, 167	2.8	11
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35	Are acute sitting-induced changes in inflammation and cerebrovascular function related to impaired mood and cognition?. <i>Sport Sciences for Health</i> , <b>2021</b> , 17, 753-762	1.3	0
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