Daniel J Green

List of Publications by Citations

328 papers	15,127 citations	65 h-index	112 g-index
342 ext. papers	17,255 ext. citations	4.2 avg, IF	6.65 L-index

#	Paper	IF	Citations
328	Assessment of flow-mediated dilation in humans: a methodological and physiological guideline. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 300, H2-12	5.2	947
327	Effect of exercise training on endothelium-derived nitric oxide function in humans. *Journal of Physiology*, **2004**, 561, 1-25	3.9	622
326	The effect of combined aerobic and resistance exercise training on vascular function in type 2 diabetes. *Journal of the American College of Cardiology*, **2001**, 38, 860-6	15.1	359
325	Flow-mediated dilation and cardiovascular event prediction: does nitric oxide matter?. *Hypertension* , **2011**, 57, 363-9	8.5	329
324	Shear stress mediates endothelial adaptations to exercise training in humans. *Hypertension*, **2010**, 55, 312-8	8.5	318
323	Vascular Adaptation to Exercise in Humans: Role of Hemodynamic Stimuli. *Physiological Reviews*, **2017**, 97, 495-528	47.9	304
322	Importance of measuring the time course of flow-mediated dilatation in humans. *Hypertension*, **2008**, 51, 203-10	8.5	296
321	Exercise protects the cardiovascular system: effects beyond traditional risk factors. *Journal of Physiology*, **2009**, 587, 5551-8	3.9	281
320	Expert consensus and evidence-based recommendations for the assessment of flow-mediated dilation in humans. *European Heart Journal*, **2019**, 40, 2534-2547	9.5	264
319	Exercise training normalizes vascular dysfunction and improves central adiposity in obese adolescents. *Journal of the American College of Cardiology*, **2004**, 43, 1823-7	15.1	244
318	Retrograde flow and shear rate acutely impair endothelial function in humans. *Hypertension*, **2009**, 53, 986-92	8.5	225
317	Is flow-mediated dilation nitric oxide mediated?: A meta-analysis. *Hypertension*, **2014**, 63, 376-82	8.5	223
316	Impact of shear rate modulation on vascular function in humans. *Hypertension*, **2009**, 54, 278-85	8.5	221
315	Exercise and the nitric oxide vasodilator system. *Sports Medicine*, **2003**, 33, 1013-35	10.6	211
314	Combined aerobic and resistance exercise improves glycemic control and fitness in type 2 diabetes. *Diabetes Research and Clinical Practice*, **2002**, 56, 115-23	7.4	211
313	Impact of inactivity and exercise on the vasculature in humans. *European Journal of Applied Physiology*, **2010**, 108, 845-75	3.4	209
312	Exercise and cardiovascular risk reduction: time to update the rationale for exercise?. *Journal of Applied Physiology*, **2008**, 105, 766-8	3.7	180

311	Time course of change in vasodilator function and capacity in response to exercise training in humans. *Journal of Physiology*, **2008**, 586, 5003-12	3.9	178
310	Exercise alone reduces insulin resistance in obese children independently of changes in body composition. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 4230-5	5.6	155
309	Improvement in endothelial function by angiotensin-converting enzyme inhibition in non-insulin-dependent diabetes mellitus. *Journal of the American College of Cardiology*, **1999**, 33, 1506-11	15.1	154
308	Effects of exercise training on vascular function in obese children. *Journal of Pediatrics*, **2004**, 144, 620-5	3.6	148
307	A systematic review and meta-analysis on the effects of exercise training versus hypocaloric diet: distinct effects on body weight and visceral adipose tissue. *Obesity Reviews*, **2016**, 17, 664-90	10.6	147
306	Flow-mediated dilatation in the superficial femoral artery is nitric oxide mediated in humans. *Journal of Physiology*, **2008**, 586, 1137-45	3.9	144
305	A new approach to improve the specificity of flow-mediated dilation for indicating endothelial function in cardiovascular research. *Journal of Hypertension*, **2013**, 31, 287-91	1.9	143
304	Exercise training in obese children and adolescents: current concepts. *Sports Medicine*, **2005**, 35, 375-92	10.6	140
303	Comparison of forearm blood flow responses to incremental handgrip and cycle ergometer exercise: relative contribution of nitric oxide. *Journal of Physiology*, **2005**, 562, 617-28	3.9	132
302	A prospective randomised longitudinal MRI study of left ventricular adaptation to endurance and resistance exercise training in humans. *Journal of Physiology*, **2011**, 589, 5443-52	3.9	131
301	Impact of age, sex, and exercise on brachial artery flow-mediated dilatation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 297, H1109-16	5.2	128
300	Brachial artery blood flow responses to different modalities of lower limb exercise. *Medicine and Science in Sports and Exercise*, **2009**, 41, 1072-9	1.2	127
299	Exercise prevents age-related decline in nitric-oxide-mediated vasodilator function in cutaneous microvessels. *Journal of Physiology*, **2008**, 586, 3511-24	3.9	125
298	The athlete's heart: a contemporary appraisal of the 'Morganroth hypothesis'. *Sports Medicine*, **2008**, 38, 69-90	10.6	123
297	Exercise-induced improvement in endothelial dysfunction is not mediated by changes in CV risk factors: pooled analysis of diverse patient populations. *American Journal of Physiology - Heart and Circulatory Physiology*, **2003**, 285, H2679-87	5.2	122
296	Exercise training as vascular medicine: direct impacts on the vasculature in humans. *Exercise and Sport Sciences Reviews*, **2009**, 37, 196-202	6.7	121
295	Screening for atherosclerosis in patients with rheumatoid arthritis: comparison of two in vivo tests of vascular function. *Arthritis and Rheumatism*, **2003**, 48, 72-80		120
294	High-intensity inspiratory muscle training in COPD. *European Respiratory Journal*, **2006**, 27, 1119-28	13.6	118

293	Exercise and vascular adaptation in asymptomatic humans. *Experimental Physiology*, **2011**, 96, 57-70	2.4	114
292	Heterogeneity in conduit artery function in humans: impact of arterial size. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H1927-34	5.2	111
291	Influence of cold water immersion on limb and cutaneous blood flow at rest. *American Journal of Sports Medicine*, **2011**, 39, 1316-23	6.8	109
290	Effects of acute exercise on flow-mediated dilatation in healthy humans. *Journal of Applied Physiology*, **2013**, 115, 1589-98	3.7	107
289	Losartan, an angiotensin type 1 receptor antagonist, improves endothelial function in non-insulin-dependent diabetes. *Journal of the American College of Cardiology*, **2000**, 36, 1461-6	15.1	107
288	Brachial artery adaptation to lower limb exercise training: role of shear stress. *Journal of Applied Physiology*, **2012**, 112, 1653-8	3.7	106
287	Exercise training improves conduit vessel function in patients with coronary artery disease. *Journal of Applied Physiology*, **2003**, 95, 20-5	3.7	106
286	Vascular adaptation in athletes: is there an 'athlete's artery'?. *Experimental Physiology*, **2012**, 97, 295-304	2.4	105
285	Impact of exercise training on arterial wall thickness in humans. *Clinical Science*, **2012**, 122, 311-22	6.5	98
284	Seven-day remote ischemic preconditioning improves local and systemic endothelial function and microcirculation in healthy humans. *American Journal of Hypertension*, **2014**, 27, 918-25	2.3	96
283	Point: Flow-mediated dilation does reflect nitric oxide-mediated endothelial function. *Journal of Applied Physiology*, **2005**, 99, 1233-4; discussion 1237-8	3.7	96
282	Changes in vascular and cardiac function after prolonged strenuous exercise in humans. *Journal of Applied Physiology*, **2008**, 105, 1562-8	3.7	94
281	Effects of exercise on endothelium and endothelium/smooth muscle cross talk: role of exercise-induced hemodynamics. *Journal of Applied Physiology*, **2011**, 111, 311-20	3.7	90
280	Obligatory role of hyperaemia and shear stress in microvascular adaptation to repeated heating in humans. *Journal of Physiology*, **2010**, 588, 1571-7	3.9	89
279	Endothelial function measured using flow-mediated dilation in polycystic ovary syndrome: a meta-analysis of the observational studies. *Clinical Endocrinology*, **2013**, 78, 438-46	3.4	87
278	Arterial structure and function in vascular ageing: are you as old as your arteries?. *Journal of Physiology*, **2016**, 594, 2275-84	3.9	84
277	Does arterial shear explain the magnitude of flow-mediated dilation?: a comparison between young and older humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2009**, 296, H57-64	5.2	84
276	Is the ratio of flow-mediated dilation and shear rate a statistically sound approach to normalization in cross-sectional studies on endothelial function?. *Journal of Applied Physiology*, **2009**, 107, 1893-9	3.7	84

275	Repeated increases in blood flow, independent of exercise, enhance conduit artery vasodilator function in humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 300, H664-9	5.2	82
274	Measuring peripheral resistance and conduit arterial structure in humans using Doppler ultrasound. *Journal of Applied Physiology*, **2005**, 98, 2311-5	3.7	78
273	Effects of exercise intensity on flow mediated dilation in healthy humans. *International Journal of Sports Medicine*, **2013**, 34, 409-14	3.6	76
272	Remote ischemic preconditioning prevents reduction in brachial artery flow-mediated dilation after strenuous exercise. *American Journal of Physiology - Heart and Circulatory Physiology*, **2012**, 303, H533-8	5.2	72
271	Relationships between measures of fitness, physical activity, body composition and vascular function in children. *Atherosclerosis*, **2009**, 204, 244-9	3.1	71
270	Exercise and arterial adaptation in humans: uncoupling localized and systemic effects. *Journal of Applied Physiology*, **2011**, 110, 1190-5	3.7	70
269	The impact of exercise training on conduit artery wall thickness and remodeling in chronic heart failure patients. *Hypertension*, **2011**, 57, 56-62	8.5	70
268	Sedentary behavior as a risk factor for cognitive decline? A focus on the influence of glycemic control in brain health. *Alzheimer's and Dementia: Translational Research and Clinical Interventions*, **2017**, 3, 291-300	6	69
267	Exercise training reverses endothelial dysfunction in nonalcoholic fatty liver disease. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 307, H1298-306	5.2	68
266	A prospective randomized longitudinal study involving 6 months of endurance or resistance exercise. Conduit artery adaptation in humans. *Journal of Physiology*, **2013**, 591, 1265-75	3.9	67
265	Impact of age, sex and exercise on brachial and popliteal artery remodelling in humans. *Atherosclerosis*, **2010**, 210, 525-30	3.1	65
264	Control of skeletal muscle blood flow during dynamic exercise: contribution of endothelium-derived nitric oxide. *Sports Medicine*, **1996**, 21, 119-46	10.6	65
263	Homocysteine or renal impairment: which is the real cardiovascular risk factor?. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2008**, 28, 1158-64	9.4	62
262	Impaired skin blood flow response to environmental heating in chronic heart failure. *European Heart Journal*, **2006**, 27, 338-43	9.5	61
261	Ultrasound settings significantly alter arterial lumen and wall thickness measurements. *Cardiovascular Ultrasound*, **2008**, 6, 6	2.4	59
260	Nitric oxide is not obligatory for radial artery flow-mediated dilation following release of 5 or 10 min distal occlusion. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 298, H119-26	5.2	58
259	Intermittent exercise abolishes the diurnal variation in endothelial-dependent flow-mediated dilation in humans. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2010**, 298, R427-32	3.2	57
258	Effects of exercise training on conduit and resistance vessel function in treated and untreated hypercholesterolaemic subjects. *European Heart Journal*, **2003**, 24, 1681-9	9.5	55

257	Anti-tumour necrosis factor-alpha therapy over conventional therapy improves endothelial function in adults with rheumatoid arthritis. *Rheumatology International*, **2006**, 26, 1125-31	3.6	54
256	Impact of eight weeks of repeated ischaemic preconditioning on brachial artery and cutaneous microcirculatory function in healthy males. *European Journal of Preventive Cardiology*, **2015**, 22, 1083-7	3.9	52
255	Exercise training and artery function in humans: nonresponse and its relationship to cardiovascular risk factors. *Journal of Applied Physiology*, **2014**, 117, 345-52	3.7	52
254	Acute impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in humans. *Physiological Reports*, **2014**, 2, e00193	2.6	52
253	Repeated core temperature elevation induces conduit artery adaptation in humans. *European Journal of Applied Physiology*, **2014**, 114, 859-65	3.4	52
252	Influence of cold-water immersion on limb and cutaneous blood flow after exercise. *Medicine and Science in Sports and Exercise*, **2013**, 45, 2277-85	1.2	52
251	The endurance athletes heart: acute stress and chronic adaptation. *British Journal of Sports Medicine*, **2012**, 46 Suppl 1, i29-36	10.3	52
250	Effects of Exercise on Vascular Function, Structure, and Health in Humans. *Cold Spring Harbor Perspectives in Medicine*, **2018**, 8,	5.4	51
249	Evidence for Shear Stress-Mediated Dilation of the Internal Carotid Artery in Humans. *Hypertension*, **2016**, 68, 1217-1224	8.5	51
248	Comparison of resistance and conduit vessel nitric oxide-mediated vascular function in vivo: effects of exercise training. *Journal of Applied Physiology*, **2004**, 97, 749-55; discussion 748	3.7	51
247	The influence of thermoregulatory mechanisms on post-exercise hypotension in humans. *Journal of Physiology*, **1993**, 470, 231-41	3.9	50
246	Adherence to guidelines strongly improves reproducibility of brachial artery flow-mediated dilation. *Atherosclerosis*, **2016**, 248, 196-202	3.1	49
245	The impact of baseline diameter on flow-mediated dilation differs in young and older humans. *American Journal of Physiology - Heart and Circulatory Physiology*, **2008**, 295, H1594-8	5.2	49
244	Impact of prolonged sitting on vascular function in young girls. *Experimental Physiology*, **2015**, 100, 1379-87	2.4	48
243	Blood vessel remodeling and physical inactivity in humans. *Journal of Applied Physiology*, **2011**, 111, 1836-45	3.7	48
242	Exercise & Sports Science Australia Position Statement on exercise training and chronic heart failure. *Journal of Science and Medicine in Sport*, **2010**, 13, 288-94	4.4	47
241	Anabolic steroids and cardiovascular risk. *Sports Medicine*, **2012**, 42, 119-34	10.6	46
240	Relationship between upper and lower limb conduit artery vasodilator function in humans. *Journal of Applied Physiology*, **2011**, 111, 244-50	3.7	46

239	Treatment of end-stage cardiac failure with growth hormone. *Lancet, The*, **1997**, 349, 1068	40	45
238	Impact of bed rest on conduit artery remodeling: effect of exercise countermeasures. *Hypertension*, **2010**, 56, 240-6	8.5	44
237	Conduit diameter and wall remodeling in elite athletes and spinal cord injury. *Medicine and Science in Sports and Exercise*, **2012**, 44, 844-9	1.2	44
236	Impact of obesity on diastolic function in subjects American Journal of Cardiology, **2006**, 98, 691-3	3	44
235	Feasibility of high-intensity, interval-based respiratory muscle training in COPD. *Chest*, **2003**, 123, 142-50	5.3	44
234	Shear-mediated dilation of the internal carotid artery occurs independent of hypercapnia. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 313, H24-H31	5.2	43
233	Sympathetic nervous system activation, arterial shear rate, and flow-mediated dilation. *Journal of Applied Physiology*, **2014**, 116, 1300-7	3.7	43
232	The effect of long-term homocysteine-lowering on carotid intima-media thickness and flow-mediated vasodilation in stroke patients: a randomized controlled trial and meta-analysis. *BMC Cardiovascular Disorders*, **2008**, 8, 24	2.3	43
231	Sex differences in vascular endothelial function and health in humans: impacts of exercise. *Experimental Physiology*, **2016**, 101, 230-42	2.4	42
230	Why isn't flow-mediated dilation enhanced in athletes?. *Medicine and Science in Sports and Exercise*, **2013**, 45, 75-82	1.2	42
229	Cardiovascular responses to water immersion in humans: impact on cerebral perfusion. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2014**, 306, R636-40	3.2	40
228	Assessment of resistance vessel function in human skeletal muscle: guidelines for experimental design, Doppler ultrasound, and pharmacology. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 318, H301-H325	5.2	40
227	Abnormal ventilatory responses to hypoxia in Type 2 diabetes. *Diabetic Medicine*, **2005**, 22, 563-8	3.5	39
226	Exercise training improves cutaneous microvascular function in nonalcoholic fatty liver disease. *American Journal of Physiology - Endocrinology and Metabolism*, **2013**, 305, E50-8	6	38
225	Low-flow mediated constriction is endothelium-dependent: effects of exercise training after radial artery catheterization. *Circulation: Cardiovascular Interventions*, **2012**, 5, 713-9	6	38
224	Impact of sympathetic nervous system activity on post-exercise flow-mediated dilatation in humans. *Journal of Physiology*, **2015**, 593, 5145-56	3.9	37
223	Exercise and Vascular Function in Child Obesity: A Meta-Analysis. *Pediatrics*, **2015**, 136, e648-59	7.4	35
222	Exercise-induced improvements in liver fat and endothelial function are not sustained 12 months following cessation of exercise supervision in nonalcoholic fatty liver disease. *International Journal of Obesity*, **2016**, 40, 1927-1930	5.5	35

221	The effect of exergaming on vascular function in children. *Journal of Pediatrics*, **2013**, 163, 806-10	3.6	35
220	Endothelial function and carotid intima-medial thickness in adolescents with type 2 diabetes mellitus. *Journal of Pediatrics*, **2011**, 159, 971-4	3.6	34
219	Do skinfolds accurately assess changes in body fat in obese children and adolescents?. *Medicine and Science in Sports and Exercise*, **2006**, 38, 439-44	1.2	34
218	Impact of introducer sheath coating on endothelial function in humans after transradial coronary procedures. *Circulation: Cardiovascular Interventions*, **2010**, 3, 148-56	6	33
217	Carotid intima-medial thickness measured on multiple ultrasound frames: evaluation of a DICOM-based software system. *Cardiovascular Ultrasound*, **2007**, 5, 29	2.4	33
216	Impact of wall thickness on conduit artery function in humans: is there a "Folkow" effect?. *Atherosclerosis*, **2011**, 217, 415-9	3.1	32
215	Acute change in vascular tone alters intima-media thickness. *Hypertension*, **2011**, 58, 240-6	8.5	32
214	Effect of SR manipulation on conduit artery dilation in humans. *Hypertension*, **2013**, 61, 143-50	8.5	31
213	Nitric oxide-mediated cutaneous microvascular function is impaired in polycystic ovary sydrome but can be improved by exercise training. *Journal of Physiology*, **2013**, 591, 1475-87	3.9	31
212	Effects of training resumption on conduit arterial diameter in elite rowers. *Medicine and Science in Sports and Exercise*, **2006**, 38, 86-92	1.2	31
211	Reduced ventricular flow propagation velocity in elite athletes is augmented with the resumption of exercise training. *Journal of Physiology*, **2005**, 563, 957-63	3.9	31
210	Nitric oxide-dependent endothelial function is unaffected by allopurinol in hypercholesterolaemic subjects. *Clinical and Experimental Pharmacology and Physiology*, **1999**, 26, 779-83	3	31
209	Cold Water Mediates Greater Reductions in Limb Blood Flow than Whole Body Cryotherapy. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1252-1260	1.2	30
208	The effect of water immersion during exercise on cerebral blood flow. *Medicine and Science in Sports and Exercise*, **2015**, 47, 299-306	1.2	30
207	Point: exercise training does induce vascular adaptations beyond the active muscle beds. *Journal of Applied Physiology*, **2008**, 105, 1002-4; discussion 1007	3.7	29
206	Soleus fascicle length changes are conserved between young and old adults at their preferred walking speed. *Gait and Posture*, **2013**, 38, 764-9	2.6	28
205	Resistance training and diastolic myocardial tissue velocities in obese children. *Medicine and Science in Sports and Exercise*, **2008**, 40, 2027-32	1.2	28
204	Distinct effects of acute exercise and breaks in sitting on working memory and executive function in older adults: a three-arm, randomised cross-over trial to evaluate the effects of exercise with and without breaks in sitting on cognition. *British Journal of Sports Medicine*, **2020**, 54, 776-781	10.3	27

203	Impact of handgrip exercise intensity on brachial artery flow-mediated dilation. *European Journal of Applied Physiology*, **2015**, 115, 1705-13	3.4	26
202	Time-course of vascular adaptations during 8 weeks of exercise training in subjects with type 2 diabetes and middle-aged controls. *European Journal of Applied Physiology*, **2015**, 115, 187-96	3.4	26
201	Pelvic floor muscle training in radical prostatectomy: a randomized controlled trial of the impacts on pelvic floor muscle function and urinary incontinence. *BMC Urology*, **2019**, 19, 116	2.2	26
200	Endothelial dysfunction in hyperandrogenic polycystic ovary syndrome is not explained by either obesity or ectopic fat deposition. *Clinical Science*, **2014**, 126, 67-74	6.5	26
199	Exercise training in polycystic ovarian syndrome enhances flow-mediated dilation in the absence of changes in fatness. *Medicine and Science in Sports and Exercise*, **2013**, 45, 2234-42	1.2	26
198	Impact of catheter insertion using the radial approach on vasodilatation in humans. *Clinical Science*, **2010**, 118, 633-40	6.5	26
197	Diastolic function in healthy humans: non-invasive assessment and the impact of acute and chronic exercise. *European Journal of Applied Physiology*, **2010**, 108, 1-14	3.4	26
196	SIMPLE INTERMITTENT RESISTANCE ACTIVITY MITIGATES THE DETRIMENTAL EFFECT OF PROLONGED UNBROKEN SITTING ON ARTERIAL FUNCTION IN OVERWEIGHT AND OBESE ADULTS. *Journal of Applied Physiology*, **2018**,	3.7	26
195	Impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in older subjects. *Atherosclerosis*, **2015**, 241, 199-204	3.1	25
194	Impact of 2-Weeks Continuous Increase in Retrograde Shear Stress on Brachial Artery Vasomotor Function in Young and Older Men. *Journal of the American Heart Association*, **2015**, 4, e001968	6	25
193	Is There an Optimal Ischemic-Preconditioning Dose to Improve Cycling Performance?. *International Journal of Sports Physiology and Performance*, **2018**, 13, 274-282	3.5	25
192	Exercise training improves vascular function in adolescents with type 2 diabetes. *Physiological Reports*, **2016**, 4, e12713	2.6	25
191	Effect of functional electrostimulation on impaired skin vasodilator responses to local heating in spinal cord injury. *Journal of Applied Physiology*, **2009**, 106, 1065-71	3.7	25
190	Nitric oxide is fundamental to neurovascular coupling in humans. *Journal of Physiology*, **2020**, 598, 4927-4939	5.5	25
189	Repeated ischaemic preconditioning: a novel therapeutic intervention and potential underlying mechanisms. *Experimental Physiology*, **2016**, 101, 677-92	2.4	24
188	Time course of arterial remodelling in diameter and wall thickness above and below the lesion after a spinal cord injury. *European Journal of Applied Physiology*, **2012**, 112, 4103-9	3.4	24
187	Effects of 6 months glucagon-like peptide-1 receptor agonist treatment on endothelial function in type 2 diabetes mellitus patients. *Diabetes, Obesity and Metabolism*, **2013**, 15, 770-3	6.7	24
186	Abnormalities of vascular structure and function in children with Perthes disease. *Pediatrics*, **2012**, 130, e126-31	7.4	24

185	Cardiovascular function and the veteran athlete. *European Journal of Applied Physiology*, **2010**, 110, 459-78	3.4	24
184	Endothelial nitric oxide synthase gene polymorphism, homocysteine, cholesterol and vascular endothelial function. *Atherosclerosis*, **2003**, 169, 131-8	3.1	24
183	The effect of learning on ventilatory responses to inspiratory threshold loading in COPD. *Respiratory Medicine*, **2004**, 98, 1-8	4.6	24
182	Do acute effects of exercise on vascular function predict adaptation to training?. *European Journal of Applied Physiology*, **2018**, 118, 523-530	3.4	24
181	Resistive exercise versus resistive vibration exercise to counteract vascular adaptations to bed rest. *Journal of Applied Physiology*, **2010**, 108, 28-33	3.7	23
180	Influence of cold-water immersion on limb blood flow after resistance exercise. *European Journal of Sport Science*, **2017**, 17, 519-529	3.9	22
179	Local and systemic effects of leg cycling training on arterial wall thickness in healthy humans. *Atherosclerosis*, **2013**, 229, 282-6	3.1	22
178	Distinct effects of blood flow and temperature on cutaneous microvascular adaptation. *Medicine and Science in Sports and Exercise*, **2014**, 46, 2113-21	1.2	22
177	Exercise-mediated changes in conduit artery wall thickness in humans: role of shear stress. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 301, H241-6	5.2	22
176	Diurnal variation in vascular function: role of sleep. *Chronobiology International*, **2012**, 29, 271-7	3.6	22
175	Morning exercise mitigates the impact of prolonged sitting on cerebral blood flow in older adults. *Journal of Applied Physiology*, **2019**, 126, 1049-1055	3.7	21
174	Optical coherence tomography in the assessment of acute changes in cutaneous vascular diameter induced by heat stress. *Journal of Applied Physiology*, **2016**, 121, 965-972	3.7	21
173	Low-flow mediated constriction: the yin to FMD's yang?. *Expert Review of Cardiovascular Therapy*, **2014**, 12, 557-64	2.5	21
172	Correlation of carotid artery reactivity with cardiovascular risk factors and coronary artery vasodilator responses in asymptomatic, healthy volunteers. *Journal of Hypertension*, **2017**, 35, 1026-1034	4.9	21
171	Internal carotid and brachial artery shear-dependent vasodilator function in young healthy humans. *Journal of Physiology*, **2020**, 598, 5333-5350	3.9	21
170	Physical activity guidelines and cardiovascular risk in children: a cross sectional analysis to determine whether 60 minutes is enough. *BMC Public Health*, **2016**, 16, 67	4.1	20
169	Endothelium-dependent and -independent vasodilation of the superficial femoral artery in spinal cord-injured subjects. *Journal of Applied Physiology*, **2008**, 104, 1387-93	3.7	20
168	Lack of effect of oral glucose loading on conduit vessel endothelial function in healthy subjects. *Clinical Science*, **2004**, 107, 191-6	6.5	20

167	Opposing effects of shear-mediated dilation and myogenic constriction on artery diameter in response to handgrip exercise in humans. *Journal of Applied Physiology*, **2015**, 119, 858-64	3.7	19
166	Fitness and strength responses to distinct exercise modes in twins: Studies of Twin Responses to Understand Exercise as a THerapy (STRUETH) study. *Journal of Physiology*, **2020**, 598, 3845-3858	3.9	19
165	Effects of acute exercise on endothelial function in patients with abdominal aortic aneurysm. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H19-H30	5.2	19
164	Impact of volunteer-related and methodology-related factors on the reproducibility of brachial artery flow-mediated vasodilation: analysis of 672 individual repeated measurements. *Journal of Hypertension*, **2016**, 34, 1738-45	1.9	19
163	Retrograde shear rate in formerly preeclamptic and healthy women before and after exercise training: relationship with endothelial function. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 307, H418-25	5.2	19
162	Impact of age and sex on carotid and peripheral arterial wall thickness in humans. *Acta Physiologica*, **2012**, 206, 220-8	5.6	19
161	Heritability of arterial function, fitness, and physical activity in youth: a study of monozygotic and dizygotic twins. *Journal of Pediatrics*, **2010**, 157, 943-8	3.6	19
160	Losartan, an angiotensin type 1 receptor antagonist, improves conduit vessel endothelial function in Type II diabetes. *Clinical Science*, **2001**, 100, 13	6.5	19
159	Eccentric Cycling: A Promising Modality for Patients with Chronic Heart Failure. *Medicine and Science in Sports and Exercise*, **2017**, 49, 646-651	1.2	18
158	Ventricular structure, function, and focal fibrosis in anabolic steroid users: a CMR study. *European Journal of Applied Physiology*, **2014**, 114, 921-8	3.4	18
157	The effect of □adrenergic blockade on post-exercise brachial artery flow-mediated dilatation at sea level and high altitude. *Journal of Physiology*, **2017**, 595, 1671-1686	3.9	18
156	Magnetic resonance imaging-derived right ventricular adaptations to endurance versus resistance training. *Medicine and Science in Sports and Exercise*, **2013**, 45, 534-41	1.2	18
155	Relationship between changes in brachial artery flow-mediated dilation and basal release of nitric oxide in subjects with Type 2 diabetes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2006**, 291, H1193-9	5.2	18
154	Acute Dietary Nitrate Supplementation Improves Flow Mediated Dilatation of the Superficial Femoral Artery in Healthy Older Males. *Nutrients*, **2019**, 11,	6.7	17
153	Brachial and Cerebrovascular Functions Are Enhanced in Postmenopausal Women after Ingestion of Chocolate with a High Concentration of Cocoa. *Journal of Nutrition*, **2017**, 147, 1686-1692	4.1	17
152	Anabolic steroid use and longitudinal, radial, and circumferential cardiac motion. *Medicine and Science in Sports and Exercise*, **2012**, 44, 583-90	1.2	17
151	Evidence for a greater elevation in vascular shear stress after morning exercise. *Medicine and Science in Sports and Exercise*, **2009**, 41, 1188-93	1.2	17
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