Daniel J Green

List of Publications by Year
in descending order

338 papers	19,198 citations	13068 68 h-index	15683 125 g-index
342 all docs	342 docs citations	342 times ranked	14008 citing authors

#	Article	IF	Citations
1	Assessment of flow-mediated dilation in humans: a methodological and physiological guideline. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H2-H12.	1.5	1,126
2	Effect of exercise training on endothelium-derived nitric oxide function in humans. Journal of Physiology, 2004, 561, 1-25.	1.3	749
3	Expert consensus and evidence-based recommendations for the assessment of flow-mediated dilation in humans. European Heart Journal, 2019, 40, 2534-2547.	1.0	532
4	Vascular Adaptation to Exercise in Humans: Role of Hemodynamic Stimuli. Physiological Reviews, 2017, 97, 495-528.	13.1	456
5	Flow-Mediated Dilation and Cardiovascular Event Prediction. Hypertension, 2011, 57, 363-369.	1.3	430
6	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, 860-866.	1.2	409
7	Shear Stress Mediates Endothelial Adaptations to Exercise Training in Humans. Hypertension, 2010, 55, 312-318.	1.3	371
8	Exercise protects the cardiovascular system: effects beyond traditional risk factors. Journal of Physiology, 2009, 587, 5551-5558.	1.3	367
9	Importance of Measuring the Time Course of Flow-Mediated Dilatation in Humans. Hypertension, 2008, 51, 203-210.	1.3	328
10	Is Flow-Mediated Dilation Nitric Oxide Mediated?. Hypertension, 2014, 63, 376-382.	1.3	292
11	Exercise training normalizes vascular dysfunction and improves central adiposity in obese adolescents. Journal of the American College of Cardiology, 2004, 43, 1823-1827.	1.2	283
12	Exercise and the Nitric Oxide Vasodilator System. Sports Medicine, 2003, 33, 1013-1035.	3.1	268
13	Combined aerobic and resistance exercise improves glycemic control and fitness in type 2 diabetes. Diabetes Research and Clinical Practice, 2002, 56, 115-123.	1.1	262
14	Impact of Shear Rate Modulation on Vascular Function in Humans. Hypertension, 2009, 54, 278-285.	1.3	257
15	Retrograde Flow and Shear Rate Acutely Impair Endothelial Function in Humans. Hypertension, 2009, 53, 986-992.	1.3	256
16	Impact of inactivity and exercise on the vasculature in humans. European Journal of Applied Physiology, 2010, 108, 845-875.	1.2	242
17	A systematic review and metaâ€analysis on the effects of exercise training versus hypocaloric diet: distinct effects on body weight and visceral adipose tissue. Obesity Reviews, 2016, 17, 664-690.	3.1	227
18	Exercise and cardiovascular risk reduction: Time to update the rationale for exercise?. Journal of Applied Physiology, 2008, 105, 766-768.	1.2	222

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19	Time course of change in vasodilator function and capacity in response to exercise training in humans. Journal of Physiology, 2008, 586, 5003-5012.	1.3	210
20	Exercise Training in Obese Children and Adolescents. Sports Medicine, 2005, 35, 375-392.	3.1	180
21	Effects of exercise training on vascular function in obese children. Journal of Pediatrics, 2004, 144, 620-625.	0.9	179
22	Exercise Alone Reduces Insulin Resistance in Obese Children Independently of Changes in Body Composition. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4230-4235.	1.8	179
23	Improvement in endothelial function by angiotensin-converting enzyme inhibition in nonâ€“insulin-dependent diabetes mellitus. Journal of the American College of Cardiology, 1999, 33, 1506-1511.	1.2	174
24	A prospective randomised longitudinal MRI study of left ventricular adaptation to endurance and resistance exercise training in humans. Journal of Physiology, 2011, 589, 5443-5452.	1.3	171
25	Arterial structure and function in vascular ageing: are you as old as your arteries?. Journal of Physiology, 2016, 594, 2275-2284.	1.3	166
26	Flowâ€mediated dilatation in the superficial femoral artery is nitric oxide mediated in humans. Journal of Physiology, 2008, 586, 1137-1145.	1.3	164
27	A new approach to improve the specificity of flow-mediated dilation for indicating endothelial function in cardiovascular research. Journal of Hypertension, 2013, 31, 287-291.	0.3	162
28	Impact of age, sex, and exercise on brachial artery flow-mediated dilatation. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1109-H1116.	1.5	155
29	Brachial Artery Blood Flow Responses to Different Modalities of Lower Limb Exercise. Medicine and Science in Sports and Exercise, 2009, 41, 1072-1079.	0.2	150
30	Effects of acute exercise on flow-mediated dilatation in healthy humans. Journal of Applied Physiology, 2013, 115, 1589-1598.	1.2	149
31	Comparison of forearm blood flow responses to incremental handgrip and cycle ergometer exercise: relative contribution of nitric oxide. Journal of Physiology, 2005, 562, 617-628.	1.3	148
32	The AthleteÊ¼s Heart. Sports Medicine, 2008, 38, 69-90.	3.1	147
33	Exercise prevents ageâ€related decline in nitricâ€oxideâ€mediated vasodilator function in cutaneous microvessels. Journal of Physiology, 2008, 586, 3511-3524.	1.3	143
34	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-H2687.	1.5	140
35	Vascular adaptation in athletes: is there an â€˜athlete's arteryâ€™?. Experimental Physiology, 2012, 97, 295-304.	0.9	138
36	High-intensity inspiratory muscle training in COPD. European Respiratory Journal, 2006, 27, 1119-1128.	3.1	137

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37	Exercise Training as Vascular Medicine. Exercise and Sport Sciences Reviews, 2009, 37, 196-202.	1.6	137
38	Screening for atherosclerosis in patients with rheumatoid arthritis: Comparison of two in vivo tests of vascular function. Arthritis and Rheumatism, 2003, 48, 72-80.	6.7	133
39	Influence of Cold Water Immersion on Limb and Cutaneous Blood Flow at Rest. American Journal of Sports Medicine, 2011, 39, 1316-1323.	1.9	132
40	Exercise and vascular adaptation in asymptomatic humans. Experimental Physiology, 2011, 96, 57-70.	0.9	127
41	Brachial artery adaptation to lower limb exercise training: role of shear stress. Journal of Applied Physiology, 2012, 112, 1653-1658.	1.2	127
42	Exercise training improves conduit vessel function in patients with coronary artery disease. Journal of Applied Physiology, 2003, 95, 20-25.	1.2	124
43	Heterogeneity in conduit artery function in humans: impact of arterial size. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1927-H1934.	1.5	123
44	Losartan, an angiotensin type 1 receptor antagonist, improves endothelial function in non-insulin-dependent diabetes. Journal of the American College of Cardiology, 2000, 36, 1461-1466.	1.2	118
45	Impact of exercise training on arterial wall thickness in humans. Clinical Science, 2012, 122, 311-322.	1.8	117
46	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.	1.8	111
47	Seven-Day Remote Ischemic Preconditioning Improves Local and Systemic Endothelial Function and Microcirculation in Healthy Humans. American Journal of Hypertension, 2014, 27, 918-925.	1.0	110
48	Point: Flow-mediated dilation does reflect nitric oxide-mediated endothelial function. Journal of Applied Physiology, 2005, 99, 1233-1234.	1.2	105
49	Changes in vascular and cardiac function after prolonged strenuous exercise in humans. Journal of Applied Physiology, 2008, 105, 1562-1568.	1.2	104
50	Endothelial function measured using flowâ€mediated dilation in polycystic ovary syndrome: a metaâ€analysis of the observational studies. Clinical Endocrinology, 2013, 78, 438-446.	1.2	102
51	Effects of Exercise on Vascular Function, Structure, and Health in Humans. Cold Spring Harbor Perspectives in Medicine, 2018, 8, a029819.	2.9	102
52	Exercise training reverses endothelial dysfunction in nonalcoholic fatty liver disease. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1298-H1306.	1.5	101
53	Effects of exercise on endothelium and endothelium/smooth muscle cross talk: role of exercise-induced hemodynamics. Journal of Applied Physiology, 2011, 111, 311-320.	1.2	99
54	Obligatory role of hyperaemia and shear stress in microvascular adaptation to repeated heating in humans. Journal of Physiology, 2010, 588, 1571-1577.	1.3	95

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55	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-H669.	1.5	95
56	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-H64.	1.5	91
57	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, 1893-1899.	1.2	91
58	Effects of Exercise Intensity on Flow Mediated Dilation in Healthy Humans. International Journal of Sports Medicine, 2013, 34, 409-414.	0.8	90
59	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-H538.	1.5	86
60	Measuring peripheral resistance and conduit arterial structure in humans using Doppler ultrasound. Journal of Applied Physiology, 2005, 98, 2311-2315.	1.2	81
61	A prospective randomized longitudinal study involving 6 months of endurance or resistance exercise. Conduit artery adaptation in humans. Journal of Physiology, 2013, 591, 1265-1275.	1.3	81
62	Relationships between measures of fitness, physical activity, body composition and vascular function in children. Atherosclerosis, 2009, 204, 244-249.	0.4	78
63	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.	1.5	78
64	The Impact of Exercise Training on Conduit Artery Wall Thickness and Remodeling in Chronic Heart Failure Patients. Hypertension, 2011, 57, 56-62.	1.3	76
65	Exercise and arterial adaptation in humans: uncoupling localized and systemic effects. Journal of Applied Physiology, 2011, 110, 1190-1195.	1.2	75
66	Control of Skeletal Muscle Blood Flow During Dynamic Exercise. Sports Medicine, 1996, 21, 119-146.	3.1	72
67	Impaired skin blood flow response to environmental heating in chronic heart failure. European Heart Journal, 2006, 27, 338-343.	1.0	72
68	Impact of age, sex and exercise on brachial and popliteal artery remodelling in humans. Atherosclerosis, 2010, 210, 525-530.	0.4	70
69	Ultrasound settings significantly alter arterial lumen and wall thickness measurements. Cardiovascular Ultrasound, 2008, 6, 6.	0.5	69
70	Effects of exercise training on conduit and resistance vessel function in treated and untreated hypercholesterolaemic subjects. European Heart Journal, 2003, 24, 1681-1689.	1.0	67
71	Exercise training and artery function in humans: nonresponse and its relationship to cardiovascular risk factors. Journal of Applied Physiology, 2014, 117, 345-352.	1.2	67
72	The influence of thermoregulatory mechanisms on postâ€exercise hypotension in humans.. Journal of Physiology, 1993, 470, 231-241.	1.3	66

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73	Influence of Cold-Water Immersion on Limb and Cutaneous Blood Flow after Exercise. Medicine and Science in Sports and Exercise, 2013, 45, 2277-2285.	0.2	66
74	The endurance athletes heart: acute stress and chronic adaptation. British Journal of Sports Medicine, 2012, 46, i29-i36.	3.1	65
75	Anabolic Steroids and Cardiovascular Risk. Sports Medicine, 2012, 42, 119-134.	3.1	65
76	Adherence to guidelines strongly improves reproducibility of brachial artery flow-mediated dilation. Atherosclerosis, 2016, 248, 196-202.	0.4	65
77	Repeated core temperature elevation induces conduit artery adaptation in humans. European Journal of Applied Physiology, 2014, 114, 859-865.	1.2	64
78	Evidence for Shear Stressâ€“Mediated Dilation of the Internal Carotid Artery in Humans. Hypertension, 2016, 68, 1217-1224.	1.3	64
79	Homocysteine or Renal Impairment. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1158-1164.	1.1	63
80	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-R432.	0.9	63
81	Sex differences in vascular endothelial function and health in humans: impacts of exercise. Experimental Physiology, 2016, 101, 230-242.	0.9	63
82	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-H126.	1.5	62
83	Blood vessel remodeling and physical inactivity in humans. Journal of Applied Physiology, 2011, 111, 1836-1845.	1.2	62
84	Impact of prolonged sitting on vascular function in young girls. Experimental Physiology, 2015, 100, 1379-1387.	0.9	61
85	Feasibility of High-Intensity, Interval-Based Respiratory Muscle Training in COPD. Chest, 2003, 123, 142-150.	0.4	60
86	Comparison of resistance and conduit vessel nitric oxide-mediated vascular function in vivo: effects of exercise training. Journal of Applied Physiology, 2004, 97, 749-755.	1.2	60
87	Relationship between upper and lower limb conduit artery vasodilator function in humans. Journal of Applied Physiology, 2011, 111, 244-250.	1.2	60
88	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.	3.1	60
89	Anti-tumour necrosis factor-alpha therapy over conventional therapy improves endothelial function in adults with rheumatoid arthritis. Rheumatology International, 2006, 26, 1125-1131.	1.5	59
90	Acute impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in humans. Physiological Reports, 2014, 2, e00193.	0.7	59

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91	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, 1083-1087.	0.8	59
92	Exercise & Sports Science Australia Position Statement on exercise training and chronic heart failure. Journal of Science and Medicine in Sport, 2010, 13, 288-294.	0.6	58
93	Impact of Bed Rest on Conduit Artery Remodeling. Hypertension, 2010, 56, 240-246.	1.3	58
94	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.	0.6	58
95	Cardiovascular responses to water immersion in humans: impact on cerebral perfusion. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 306, R636-R640.	0.9	56
96	Shear-mediated dilation of the internal carotid artery occurs independent of hypercapnia. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H24-H31.	1.5	56
97	Treatment of end-stage cardiac failure with growth hormone. Lancet, The, 1997, 349, 1068.	6.3	54
98	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.	0.7	54
99	Exercise training improves cutaneous microvascular function in nonalcoholic fatty liver disease. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E50-E58.	1.8	54
100	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-H1598.	1.5	51
101	Why Isnâ€™t Flow-Mediated Dilation Enhanced in Athletes?. Medicine and Science in Sports and Exercise, 2013, 45, 75-82.	0.2	51
102	Nitric oxide is fundamental to neurovascular coupling in humans. Journal of Physiology, 2020, 598, 4927-4939.	1.3	51
103	Conduit Diameter and Wall Remodeling in Elite Athletes and Spinal Cord Injury. Medicine and Science in Sports and Exercise, 2012, 44, 844-849.	0.2	49
104	Sympathetic nervous system activation, arterial shear rate, and flow-mediated dilation. Journal of Applied Physiology, 2014, 116, 1300-1307.	1.2	49
105	Impact of Obesity on Diastolic Function in Subjects â‰¥16 Years of Age. American Journal of Cardiology, 2006, 98, 691-693.	0.7	48
106	Impact of sympathetic nervous system activity on postâ€exercise flowâ€mediated dilatation in humans. Journal of Physiology, 2015, 593, 5145-5156.	1.3	48
107	Abnormal ventilatory responses to hypoxia in Type 2 diabetes. Diabetic Medicine, 2005, 22, 563-568.	1.2	47
108	Low-Flow Mediated Constriction is Endothelium-Dependent. Circulation: Cardiovascular Interventions, 2012, 5, 713-719.	1.4	47

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109	Reference Intervals for Brachial Artery Flow-Mediated Dilation and the Relation With Cardiovascular Risk Factors. Hypertension, 2021, 77, 1469-1480.	1.3	44
110	The Effect of Water Immersion during Exercise on Cerebral Blood Flow. Medicine and Science in Sports and Exercise, 2015, 47, 299-306.	0.2	43
111	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.	1.6	43
112	Cold Water Mediates Greater Reductions in Limb Blood Flow than Whole Body Cryotherapy. Medicine and Science in Sports and Exercise, 2017, 49, 1252-1260.	0.2	43
113	Exercise and Vascular Function in Child Obesity: A Meta-Analysis. Pediatrics, 2015, 136, e648-e659.	1.0	42
114	Impact of Introducer Sheath Coating on Endothelial Function in Humans After Transradial Coronary Procedures. Circulation: Cardiovascular Interventions, 2010, 3, 148-156.	1.4	41
115	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, 125, 1787-1794.	1.2	41
116	Mimicking exercise: what matters most and where to next?. Journal of Physiology, 2021, 599, 791-802.	1.3	41
117	Do Skinfolds Accurately Assess Changes in Body Fat in Obese Children and Adolescents?. Medicine and Science in Sports and Exercise, 2006, 38, 439-444.	0.2	40
118	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.	1.3	40
119	Soleus fascicle length changes are conserved between young and old adults at their preferred walking speed. Gait and Posture, 2013, 38, 764-769.	0.6	39
120	The Effect of Exergaming on Vascular Function in Children. Journal of Pediatrics, 2013, 163, 806-810.	0.9	39
121	Nitric oxideâ€mediated cutaneous microvascular function is impaired in polycystic ovary sydrome but can be improved by exercise training. Journal of Physiology, 2013, 591, 1475-1487.	1.3	39
122	Morning exercise mitigates the impact of prolonged sitting on cerebral blood flow in older adults. Journal of Applied Physiology, 2019, 126, 1049-1055.	1.2	39
123	Reduced ventricular flow propagation velocity in elite athletes is augmented with the resumption of exercise training. Journal of Physiology, 2005, 563, 957-963.	1.3	38
124	Endothelial Function and Carotid Intima-Medial Thickness in Adolescents with Type 2 Diabetes Mellitus. Journal of Pediatrics, 2011, 159, 971-974.	0.9	38
125	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, 2234-2242.	0.2	38
126	Do acute effects of exercise on vascular function predict adaptation to training?. European Journal of Applied Physiology, 2018, 118, 523-530.	1.2	38

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127	Carotid intima-medial thickness measured on multiple ultrasound frames: evaluation of a DICOM-based software system. Cardiovascular Ultrasound, 2007, 5, 29.	0.5	37
128	Internal carotid and brachial artery shearâ€dependent vasodilator function in young healthy humans. Journal of Physiology, 2020, 598, 5333-5350.	1.3	37
129	NITRIC OXIDE-DEPENDENT ENDOTHELIAL FUNCTION IS UNAFFECTED BY ALLOPURINOL IN HYPERCHOLESTEROLAEMIC SUBJECTS. Clinical and Experimental Pharmacology and Physiology, 1999, 26, 779-783.	0.9	36
130	Effects of Training Resumption on Conduit Arterial Diameter in Elite Rowers. Medicine and Science in Sports and Exercise, 2006, 38, 86-92.	0.2	36
131	Effect of SR Manipulation on Conduit Artery Dilation in Humans. Hypertension, 2013, 61, 143-150.	1.3	36
132	Is There an Optimal Ischemic-Preconditioning Dose to Improve Cycling Performance?. International Journal of Sports Physiology and Performance, 2018, 13, 274-282.	1.1	36
133	Resistance Training and Diastolic Myocardial Tissue Velocities in Obese Children. Medicine and Science in Sports and Exercise, 2008, 40, 2027-2032.	0.2	35
134	Losartan, an angiotensin type 1 receptor antagonist, improves conduit vessel endothelial function in Type II diabetes. Clinical Science, 2001, 100, 13.	1.8	34
135	Acute Change in Vascular Tone Alters Intima-Media Thickness. Hypertension, 2011, 58, 240-246.	1.3	34
136	Influence of coldâ€water immersion on limb blood flow after resistance exercise. European Journal of Sport Science, 2017, 17, 519-529.	1.4	34
137	Acute Dietary Nitrate Supplementation Improves Flow Mediated Dilatation of the Superficial Femoral Artery in Healthy Older Males. Nutrients, 2019, 11, 954.	1.7	34
138	Resistive exercise versus resistive vibration exercise to counteract vascular adaptations to bed rest. Journal of Applied Physiology, 2010, 108, 28-33.	1.2	33
139	Impact of wall thickness on conduit artery function in humans: Is there a â€œFolkowâ€•effect?. Atherosclerosis, 2011, 217, 415-419.	0.4	33
140	Abnormalities of Vascular Structure and Function in Children With Perthes Disease. Pediatrics, 2012, 130, e126-e131.	1.0	33
141	Effect of Morning Exercise With or Without Breaks in Prolonged Sitting on Blood Pressure in Older Overweight/Obese Adults. Hypertension, 2019, 73, 859-867.	1.3	33
142	Endothelial dysfunction in hyperandrogenic polycystic ovary syndrome is not explained by either obesity or ectopic fat deposition. Clinical Science, 2014, 126, 67-74.	1.8	32
143	Matched increases in cerebral artery shear stress, irrespective of stimulus, induce similar changes in extra-cranial arterial diameter in humans. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 849-858.	2.4	32
144	Point:Counterpoint: Exercise training does/does not induce vascular adaptations beyond the active muscle beds. Journal of Applied Physiology, 2008, 105, 1002-1004.	1.2	31

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145	Impact of age and sex on carotid and peripheral arterial wall thickness in humans. Acta Physiologica, 2012, 206, 220-228.	1.8	31
146	Impact of handgrip exercise intensity on brachial artery flow-mediated dilation. European Journal of Applied Physiology, 2015, 115, 1705-1713.	1.2	31
147	Exercise training improves vascular function in adolescents with type 2 diabetes. Physiological Reports, 2016, 4, e12713.	0.7	31
148	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.	1.5	31
149	Ventricular structure, function, and focal fibrosis in anabolic steroid users: a CMR study. European Journal of Applied Physiology, 2014, 114, 921-928.	1.2	30
150	Time-course of vascular adaptations during 8 weeks of exercise training in subjects with type 2 diabetes and middle-aged controls. European Journal of Applied Physiology, 2015, 115, 187-196.	1.2	30
151	Repeated ischaemic preconditioning: a novel therapeutic intervention and potential underlying mechanisms. Experimental Physiology, 2016, 101, 677-692.	0.9	30
152	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.	0.3	30
153	Endothelial nitric oxide synthase gene polymorphism, homocysteine, cholesterol and vascular endothelial function. Atherosclerosis, 2003, 169, 131-138.	0.4	29
154	Effects of 6â€‰months glucagonâ€like peptideâ€1 receptor agonist treatment on endothelial function in type 2 diabetes mellitus patients. Diabetes, Obesity and Metabolism, 2013, 15, 770-773.	2.2	29
155	Impact of 2â€Weeks Continuous Increase in Retrograde Shear Stress on Brachial Artery Vasomotor Function in Young and Older Men. Journal of the American Heart Association, 2015, 4, e001968.	1.6	29
156	The effect of learning on ventilatory responses to inspiratory threshold loading in COPD. Respiratory Medicine, 2004, 98, 1-8.	1.3	28
157	Impact of catheter insertion using the radial approach on vasodilatation in humans. Clinical Science, 2010, 118, 633-640.	1.8	28
158	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.	1.2	28
159	Physical activity guidelines and cardiovascular risk in children: a cross sectional analysis to determine whether 60Âminutes is enough. BMC Public Health, 2015, 16, 67.	1.2	28
160	Distinct Effects of Blood Flow and Temperature on Cutaneous Microvascular Adaptation. Medicine and Science in Sports and Exercise, 2014, 46, 2113-2121.	0.2	27
161	Impact of retrograde shear rate on brachial and superficial femoral artery flow-mediated dilation in older subjects. Atherosclerosis, 2015, 241, 199-204.	0.4	27
162	The impact of hypoxaemia on vascular function in lowlanders and high altitude indigenous populations. Journal of Physiology, 2019, 597, 5759-5776.	1.3	27

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163	Impact of volunteer-related and methodology-related factors on the reproducibility of brachial artery flow-mediated vasodilation. Journal of Hypertension, 2016, 34, 1738-1745.	0.3	26
164	Relationship Between Endothelial Function and the Eliciting Shear Stress Stimulus in Women: Changes Across the Lifespan Differ to Men. Journal of the American Heart Association, 2019, 8, e010994.	1.6	26
165	Effect of functional electrostimulation on impaired skin vasodilator responses to local heating in spinal cord injury. Journal of Applied Physiology, 2009, 106, 1065-1071.	1.2	25
166	Cardiovascular function and the veteran athlete. European Journal of Applied Physiology, 2010, 110, 459-478.	1.2	25
167	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-H246.	1.5	25
168	Time course of arterial remodelling in diameter and wall thickness above and below the lesion after a spinal cord injury. European Journal of Applied Physiology, 2012, 112, 4103-4109.	1.2	25
169	Eccentric Cycling. Medicine and Science in Sports and Exercise, 2017, 49, 646-651.	0.2	25
170	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.	1.3	25
171	Anabolic Steroid Use and Longitudinal, Radial, and Circumferential Cardiac Motion. Medicine and Science in Sports and Exercise, 2012, 44, 583-590.	0.2	24
172	Local and systemic effects of leg cycling training on arterial wall thickness in healthy humans. Atherosclerosis, 2013, 229, 282-286.	0.4	24
173	Low-flow mediated constriction: the yin to FMDâ€™s yang?. Expert Review of Cardiovascular Therapy, 2014, 12, 557-564.	0.6	24
174	Acute effects of interrupting prolonged sitting on vascular function in type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H393-H403.	1.5	24
175	Heritability of Arterial Function, Fitness, and Physical Activity in Youth: A Study of Monozygotic and Dizygotic Twins. Journal of Pediatrics, 2010, 157, 943-948.	0.9	23
176	Diurnal Variation in Vascular Function: Role of Sleep. Chronobiology International, 2012, 29, 271-277.	0.9	23
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