

# Hirofumi Tanaka

## List of Publications by Citations

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245  
papers

12,927  
citations

55  
h-index

110  
g-index

283  
ext. papers

14,687  
ext. citations

4.4  
avg. IF

6.44  
L-index

#	Paper	IF	Citations
245	Age-predicted maximal heart rate revisited. <i>Journal of the American College of Cardiology</i> , <b>2001</b> , 37, 153-65	65.1	1895
244	Aging, habitual exercise, and dynamic arterial compliance. <i>Circulation</i> , <b>2000</b> , 102, 1270-5	16.7	824
243	Regular aerobic exercise prevents and restores age-related declines in endothelium-dependent vasodilation in healthy men. <i>Circulation</i> , <b>2000</b> , 102, 1351-7	16.7	655
242	Comparison between carotid-femoral and brachial-ankle pulse wave velocity as measures of arterial stiffness. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 2022-7	1.9	381
241	Absence of age-related increase in central arterial stiffness in physically active women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1998</b> , 18, 127-32	9.4	369
240	Unfavorable effects of resistance training on central arterial compliance: a randomized intervention study. <i>Circulation</i> , <b>2004</b> , 110, 2858-63	16.7	343
239	Endurance exercise performance in Masters athletes: age-associated changes and underlying physiological mechanisms. <i>Journal of Physiology</i> , <b>2008</b> , 586, 55-63	3.9	299
238	Habitual exercise and arterial aging. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 1323-32	3.7	253
237	Limb blood flow and vascular conductance are reduced with age in healthy humans: relation to elevations in sympathetic nerve activity and declines in oxygen demand. <i>Circulation</i> , <b>1999</b> , 100, 164-70	16.7	233
236	Age-related declines in maximal aerobic capacity in regularly exercising vs. sedentary women: a meta-analysis. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 160-5	3.7	204
235	Invited Review: Dynamic exercise performance in Masters athletes: insight into the effects of primary human aging on physiological functional capacity. <i>Journal of Applied Physiology</i> , <b>2003</b> , 95, 2152-62	2.7	192
234	Dietary sodium restriction rapidly improves large elastic artery compliance in older adults with systolic hypertension. <i>Hypertension</i> , <b>2004</b> , 44, 35-41	8.5	185
233	A new device for automatic measurements of arterial stiffness and ankle-brachial index. <i>American Journal of Cardiology</i> , <b>2003</b> , 91, 1519-22, A9	3	173
232	Regular endurance exercise induces expansive arterial remodelling in the trained limbs of healthy men. <i>Journal of Physiology</i> , <b>2001</b> , 534, 287-95	3.9	172
231	Meta-analysis of the age-associated decline in maximal aerobic capacity in men: relation to training status. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 278, H829-34	5.2	167
230	Greater age-related reductions in central arterial compliance in resistance-trained men. <i>Hypertension</i> , <b>2003</b> , 41, 130-5	8.5	160
229	Central arterial compliance is associated with age- and habitual exercise-related differences in cardiovagal baroreflex sensitivity. <i>Circulation</i> , <b>2001</b> , 104, 1627-32	16.7	155

228	Age-associated changes in cardiovagal baroreflex sensitivity are related to central arterial compliance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2001</b> , 281, H284-9	5.2	155
227	Exercise prescription for the elderly: current recommendations. <i>Sports Medicine</i> , <b>2001</b> , 31, 809-18	10.6	150
226	Blood pressure reductions with exercise and sodium restriction in postmenopausal women with elevated systolic pressure: role of arterial stiffness. <i>Journal of the American College of Cardiology</i> , <b>2001</b> , 38, 506-13	15.1	148
225	Greater rate of decline in maximal aerobic capacity with age in physically active vs. sedentary healthy women. <i>Journal of Applied Physiology</i> , <b>1997</b> , 83, 1947-53	3.7	144
224	Influence of lifestyle modification on arterial stiffness and wave reflections. <i>American Journal of Hypertension</i> , <b>2005</b> , 18, 137-44	2.3	143
223	Regular exercise, hormone replacement therapy and the age-related decline in carotid arterial compliance in healthy women. <i>Cardiovascular Research</i> , <b>2003</b> , 57, 861-8	9.9	140
222	Interrelationships among noninvasive measures of postischemic macro- and microvascular reactivity. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 427-32	3.7	133
221	Acute effects of resistance exercise on arterial compliance. <i>Journal of Applied Physiology</i> , <b>2005</b> , 98, 2287-91	3.7	133
220	Age and gender interactions in physiological functional capacity: insight from swimming performance. <i>Journal of Applied Physiology</i> , <b>1997</b> , 82, 846-51	3.7	132
219	Age-associated arterial wall thickening is related to elevations in sympathetic activity in healthy humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 278, H1205-10	5.2	124
218	Regular aerobic exercise modulates age-associated declines in cardiovagal baroreflex sensitivity in healthy men. <i>Journal of Physiology</i> , <b>2000</b> , 529 Pt 1, 263-71	3.9	123
217	Reductions in basal limb blood flow and vascular conductance with human ageing: role for augmented alpha-adrenergic vasoconstriction. <i>Journal of Physiology</i> , <b>2001</b> , 536, 977-83	3.9	120
216	Declines in physiological functional capacity with age: a longitudinal study in peak swimming performance. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 764-9	3.7	113
215	Regular aerobic exercise and the age-related increase in carotid artery intima-media thickness in healthy men. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 1458-64	3.7	111
214	Greater rate of decline in maximal aerobic capacity with age in endurance-trained than in sedentary men. <i>Journal of Applied Physiology</i> , <b>2003</b> , 94, 2406-13	3.7	109
213	Impact of resistance training on endurance performance. A new form of cross-training?. <i>Sports Medicine</i> , <b>1998</b> , 25, 191-200	10.6	102
212	Carotid artery wall hypertrophy with age is related to local systolic blood pressure in healthy men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 82-7	9.4	94
211	Effects of one-legged endurance training on femoral arterial and venous size in healthy humans. <i>Journal of Applied Physiology</i> , <b>2001</b> , 90, 2439-44	3.7	92

210	Effects of swimming training on blood pressure and vascular function in adults >50 years of age. <i>American Journal of Cardiology</i> , <b>2012</b> , 109, 1005-10	3	90
209	Age-related decreases in basal limb blood flow in humans: time course, determinants and habitual exercise effects. <i>Journal of Physiology</i> , <b>2001</b> , 531, 573-9	3.9	88
208	Increases in blood flow and shear stress to nonworking limbs during incremental exercise. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 81-5	1.2	86
207	Effects of leg blood flow restriction during walking on cardiovascular function. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 726-32	1.2	85
206	Resistance training increases basal limb blood flow and vascular conductance in aging humans. <i>Journal of Applied Physiology</i> , <b>2006</b> , 101, 1351-5	3.7	84
205	The effects of strength training on central arterial compliance in middle-aged and older adults. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2008</b> , 15, 149-55		83
204	How much exercise is required to reduce blood pressure in essential hypertensives: a dose-response study. <i>American Journal of Hypertension</i> , <b>2003</b> , 16, 629-33	2.3	81
203	Central artery stiffness, neuropsychological function, and cerebral perfusion in sedentary and endurance-trained middle-aged adults. <i>Journal of Hypertension</i> , <b>2013</b> , 31, 2400-9	1.9	80
202	Comparison of central artery elasticity in swimmers, runners, and the sedentary. <i>American Journal of Cardiology</i> , <b>2011</b> , 107, 783-7	3	74
201	Influence of skin type and wavelength on light wave reflectance. <i>Journal of Clinical Monitoring and Computing</i> , <b>2013</b> , 27, 313-7	2	68
200	Association between central elastic artery stiffness and cerebral perfusion in deep subcortical gray and white matter. <i>American Journal of Hypertension</i> , <b>2011</b> , 24, 1108-13	2.3	67
199	Additive beneficial effects of lactotripeptides and aerobic exercise on arterial compliance in postmenopausal women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2009</b> , 297, H1899-903	5.2	63
198	Correlates of Segmental Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 114-22	2.3	61
197	Arterial compliance of rowers: implications for combined aerobic and strength training on arterial elasticity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2006</b> , 290, H1596-600	5.2	60
196	Pharmacologic versus flow-mediated assessments of peripheral vascular endothelial vasodilatory function in humans. <i>American Journal of Cardiology</i> , <b>2001</b> , 88, 1067-9	3	60
195	Arterial stiffening following eccentric exercise-induced muscle damage. <i>Journal of Applied Physiology</i> , <b>2010</b> , 109, 1102-8	3.7	59
194	Reduction in alpha-adrenergic receptor-mediated vascular tone contributes to improved arterial compliance with endurance training. <i>International Journal of Cardiology</i> , <b>2009</b> , 135, 346-52	3.2	59
193	Dry-land resistance training for competitive swimming. <i>Medicine and Science in Sports and Exercise</i> , <b>1993</b> , 25, 952-959	1.2	57

192	Additive beneficial effects of lactotripeptides intake with regular exercise on endothelium-dependent dilatation in postmenopausal women. <i>American Journal of Hypertension</i> , <b>2010</b> , 23, 368-72	2.3	55
191	Cardio-ankle vascular index and cardiovascular disease: Systematic review and meta-analysis of prospective and cross-sectional studies. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 16-24	2.3	55
190	Brachial-Ankle Pulse Wave Velocity: Myths, Misconceptions, and Realities. <i>Pulse</i> , <b>2015</b> , 3, 106-13	1.6	53
189	Swimming exercise: impact of aquatic exercise on cardiovascular health. <i>Sports Medicine</i> , <b>2009</b> , 39, 377-87	10.6	53
188	Prediabetes and Diabetes Are Associated With Arterial Stiffness in Older Adults: The ARIC Study. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 1038-45	2.3	52
187	Repeatability of Central and Peripheral Pulse Wave Velocity Measures: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 470-5	2.3	51
186	Beneficial neurocognitive effects of transcranial laser in older adults. <i>Lasers in Medical Science</i> , <b>2017</b> , 32, 1153-1162	3.1	50
185	Arterial intima-media thickness: site-specific associations with HRT and habitual exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2002</b> , 283, H1409-17	5.2	49
184	Regular exercise and the age-related decline in resting metabolic rate in women. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1997</b> , 82, 3208-12	5.6	47
183	Effect of systemic nitric oxide synthase inhibition on arterial stiffness in humans. <i>Hypertension Research</i> , <b>2007</b> , 30, 411-5	4.7	47
182	Age-related declines in anaerobic muscular performance: weightlifting and powerlifting. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 143-7	1.2	47
181	Effects of cross-training. Transfer of training effects on VO <sub>2</sub> max between cycling, running and swimming. <i>Sports Medicine</i> , <b>1994</b> , 18, 330-9	10.6	47
180	Aortic stiffness and aerobic exercise: mechanistic insight from microarray analyses. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 1710-6	1.2	45
179	Impact of blood pressure perturbations on arterial stiffness. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2015</b> , 309, R1540-5	3.2	44
178	Carotid-Femoral Pulse Wave Velocity: Impact of Different Arterial Path Length Measurements. <i>Artery Research</i> , <b>2010</b> , 4, 27-31	2.2	44
177	Influence of regular exercise on age-related changes in arterial elasticity: mechanistic insights from wall compositions in rat aorta. <i>Applied Physiology, Nutrition, and Metabolism</i> , <b>2003</b> , 28, 204-12		44
176	Regular walking increases peak limb vasodilatory capacity of older hypertensive humans: implications for arterial structure. <i>Journal of Hypertension</i> , <b>1998</b> , 16, 423-8	1.9	44
175	Association of Central Arterial Stiffness and Pressure Pulsatility with Mild Cognitive Impairment and Dementia: The Atherosclerosis Risk in Communities Study-Neurocognitive Study (ARIC-NCS). <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 57, 195-204	4.3	43

174	Improved Function and Reduced Pain after Swimming and Cycling Training in Patients with Osteoarthritis. <i>Journal of Rheumatology</i> , <b>2016</b> , 43, 666-72	4.1	43
173	Cardiopulmonary baroreflex inhibition of sympathetic nerve activity is preserved with age in healthy humans. <i>Journal of Physiology</i> , <b>1999</b> , 515 ( Pt 1), 249-54	3.9	42
172	Lack of age-related decreases in basal whole leg blood flow in resistance-trained men. <i>Journal of Applied Physiology</i> , <b>2005</b> , 99, 1384-90	3.7	40
171	Smoking and Cardiac Structure and Function in the Elderly: The ARIC Study (Atherosclerosis Risk in Communities). <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9, e004950	3.9	38
170	Effect of mirthful laughter on vascular function. <i>American Journal of Cardiology</i> , <b>2010</b> , 106, 856-9	3	37
169	Influence of age on arterial baroreflex inhibition of sympathetic nerve activity in healthy adult humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1998</b> , 275, H1768-72	5.2	35
168	Elevated cerebral glutamate and myo-inositol levels in cognitively normal middle-aged adults with metabolic syndrome. <i>Metabolic Brain Disease</i> , <b>2010</b> , 25, 397-405	3.9	34
167	Effects of Buddhist walking meditation on glycemic control and vascular function in patients with type 2 diabetes. <i>Complementary Therapies in Medicine</i> , <b>2016</b> , 26, 92-7	3.5	34
166	Arterial path length estimation on brachial-ankle pulse wave velocity: validity of height-based formulas. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 881-9	1.9	32
165	Elevated serum C-reactive protein relates to increased cerebral myoinositol levels in middle-aged adults. <i>Cardiovascular Psychiatry and Neurology</i> , <b>2012</b> , 2012, 120540		32
164	Central Arterial Stiffness Is Associated With Structural Brain Damage and Poorer Cognitive Performance: The ARIC Study. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011045	6	32
163	Associations Between Kidney Disease Measures and Regional Pulse Wave Velocity in a Large Community-Based Cohort: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Kidney Diseases</i> , <b>2018</b> , 72, 682-690	7.4	31
162	Low flow-mediated constriction: prevalence, impact and physiological determinant. <i>Clinical Physiology and Functional Imaging</i> , <b>2011</b> , 31, 394-8	2.4	31
161	Endothelial ischemia-reperfusion injury in humans: association with age and habitual exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2011</b> , 300, H813-9	5.2	31
160	Indirect effects of elevated body mass index on memory performance through altered cerebral metabolite concentrations. <i>Psychosomatic Medicine</i> , <b>2012</b> , 74, 691-8	3.7	31
159	Age-related reductions in appendicular skeletal muscle mass: association with habitual aerobic exercise status. <i>Clinical Physiology and Functional Imaging</i> , <b>2002</b> , 22, 169-72	2.4	30
158	Interrelationships Among Various Measures of Central Artery Stiffness. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 1024-8	2.3	30
157	Hemodynamic sequelae of age-related increases in arterial stiffness in healthy women. <i>American Journal of Cardiology</i> , <b>1998</b> , 82, 1152-5, A10	3	29

156	Effects of Swimming and Cycling Exercise Intervention on Vascular Function in Patients With Osteoarthritis. <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 141-5	3	27
155	The aging cardiovascular system: changes in autonomic function at rest and in response to exercise. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2001</b> , 11 Suppl, S189-95	4-4	27
154	Cerebral/Peripheral Vascular Reactivity and Neurocognition in Middle-Age Athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 2595-603	1.2	26
153	Functional imaging of working memory and peripheral endothelial function in middle-aged adults. <i>Brain and Cognition</i> , <b>2010</b> , 73, 146-51	2.7	26
152	Greater progression of athletic performance in older Masters athletes. <i>Age and Ageing</i> , <b>2015</b> , 44, 683-6	3	25
151	Effect of walking speed and placement position interactions in determining the accuracy of various newer pedometers. <i>Journal of Exercise Science and Fitness</i> , <b>2014</b> , 12, 31-37	3.1	25
150	Effects of concurrent and aerobic exercises on postexercise hypotension in elderly hypertensive men. <i>Experimental Gerontology</i> , <b>2017</b> , 98, 1-7	4.5	25
149	Role of central circulatory factors in the fat-free mass-maximal aerobic capacity relation across age. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1998</b> , 275, H1178-82	5.2	25
148	Different exercise training modalities produce similar endothelial function improvements in individuals with prehypertension or hypertension: a randomized clinical trial Exercise, endothelium and blood pressure. <i>Scientific Reports</i> , <b>2020</b> , 10, 7628	4.9	24
147	Central Adiposity and Cortical Thickness in Midlife. <i>Psychosomatic Medicine</i> , <b>2015</b> , 77, 671-8	3.7	24
146	Decline in insulin action with age in endurance-trained humans. <i>Journal of Applied Physiology</i> , <b>2002</b> , 93, 2105-11	3.7	24
145	Contribution of blood viscosity in the assessment of flow-mediated dilation and arterial stiffness. <i>Vascular Medicine</i> , <b>2012</b> , 17, 231-4	3.3	23
144	Cigarette smoking, regular exercise, and peripheral blood flow. <i>Atherosclerosis</i> , <b>2006</b> , 185, 201-5	3.1	23
143	Effects of High-Intensity Intermittent Training on Vascular Function in Obese Preadolescent Boys. <i>Childhood Obesity</i> , <b>2018</b> , 14, 41-49	2.5	23
142	A rise in peak performance age in female athletes. <i>Age</i> , <b>2015</b> , 37, 9795		22
141	Adiposity, body composition and ventricular-arterial stiffness in the elderly: the Atherosclerosis Risk in Communities Study. <i>European Journal of Heart Failure</i> , <b>2018</b> , 20, 1191-1201	12.3	22
140	Hypotensive effects of solitary addition of conventional nonfat dairy products to the routine diet: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 80-7	7	22
139	Ankle-brachial index and physical function in older individuals: The Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , <b>2017</b> , 257, 208-215	3.1	21



- 138 Abdominal obesity and white matter microstructure in midlife. *Human Brain Mapping*, **2017**, 38, 3337-3344 20
- 137 Smoking Behaviors and Arterial Stiffness Measured by Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. *American Journal of Hypertension*, **2016**, 29, 1268-1275 20
- 136 Antiaging Effects of Aerobic Exercise on Systemic Arteries. *Hypertension*, **2019**, HYPERTENSIONAHA119183179 20
- 135 Subclinical atherosclerosis is related to lower neuronal viability in middle-aged adults: a 1H MRS study. *Brain Research*, **2010**, 1344, 54-61 3.7 20
- 134 Does aerobic exercise mitigate the effects of cigarette smoking on arterial stiffness?. *Journal of Clinical Hypertension*, **2014**, 16, 640-4 2.3 19
- 133 Reductions in central arterial compliance with age are related to sympathetic vasoconstrictor nerve activity in healthy men. *Hypertension Research*, **2017**, 40, 493-495 4.7 18
- 132 Impact of leg blood flow restriction during walking on central arterial hemodynamics. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 309, R732-9 3.2 18
- 131 New Indices of Endothelial Function Measured by Digital Thermal Monitoring of Vascular Reactivity: Data from 6084 Patients Registry. *International Journal of Vascular Medicine*, **2016**, 2016, 1348028 1.2 18
- 130 Aging and Physiological Lessons from Master Athletes. *Comprehensive Physiology*, **2019**, 10, 261-296 7.7 18
- 129 Heart-to-Brachium Pulse Wave Velocity as a Measure of Proximal Aortic Stiffness: MRI and Longitudinal Studies. *American Journal of Hypertension*, **2019**, 32, 146-154 2.3 18
- 128 Short-Term Prognostic Impact of Arterial Stiffness in Older Adults Without Prevalent Cardiovascular Disease. *Hypertension*, **2019**, 74, 1373-1382 8.5 17
- 127 Visceral adiposity predicts subclinical white matter hyperintensities in middle-aged adults. *Obesity Research and Clinical Practice*, **2017**, 11, 177-187 5.4 16
- 126 Arterial stiffness of lifelong Japanese female pearl divers. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2016**, 310, R975-8 3.2 16
- 125 Effects of exercise training on endothelial function in individuals with hypertension: a systematic review with meta-analysis. *Journal of the American Society of Hypertension*, **2018**, 12, e65-e75 16
- 124 Association between cardiovagal baroreflex sensitivity and baseline cerebral perfusion of the hippocampus. *Clinical Autonomic Research*, **2015**, 25, 213-8 4.3 15
- 123 Hemodynamic Correlates of Blood Pressure in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. *Journal of Clinical Hypertension*, **2016**, 18, 1222-1227 2.3 15
- 122 Serum Brain-Derived Neurotrophic Factor Mediates the Relationship between Abdominal Adiposity and Executive Function in Middle Age. *Journal of the International Neuropsychological Society*, **2016**, 22, 493-500 3.1 15
- 121 Cognition, Brain Structure, and Brain Function in Individuals with Obesity and Related Disorders. *Current Obesity Reports*, **2020**, 9, 544-549 8.4 15



120	Effects of non-fat dairy products added to the routine diet on vascular function: a randomized controlled crossover trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2015</b> , 25, 364-9	4.5	14
119	Arterial stiffness is associated with age-related differences in cerebrovascular conductance. <i>Experimental Gerontology</i> , <b>2016</b> , 73, 59-64	4.5	14
118	Habitual resistance exercise and endothelial ischemia-reperfusion injury in young adults. <i>Atherosclerosis</i> , <b>2011</b> , 219, 191-3	3.1	14
117	Various Indices of Arterial Stiffness: Are They Closely Related or Distinctly Different?. <i>Pulse</i> , <b>2018</b> , 5, 1-6	1.6	13
116	Inflammation as a mediator of the relationship between cortical thickness and metabolic syndrome. <i>Brain Imaging and Behavior</i> , <b>2015</b> , 9, 737-43	4.1	12
115	Association of insulin resistance, from mid-life to late-life, with aortic stiffness in late-life: the Atherosclerosis Risk in Communities Study. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 11	8.7	12
114	Arterial Path Length for Arterial Stiffness: Methodological Consideration. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 1237-1244	2.3	12
113	The effect of Bikram yoga on endothelial function in young and middle-aged and older adults. <i>Journal of Bodywork and Movement Therapies</i> , <b>2017</b> , 21, 30-34	1.6	12
112	Female and male US Olympic athletes live 5 years longer than their general population counterparts: a study of 8124 former US Olympians. <i>British Journal of Sports Medicine</i> , <b>2021</b> , 55, 206-212 <sup>10.3</sup>		12
111	Aging of Competitive Athletes. <i>Gerontology</i> , <b>2017</b> , 63, 488-494	5.5	11
110	Exercise physiology of normal development, sex differences, and aging. <i>Comprehensive Physiology</i> , <b>2011</b> , 1, 1649-78	7.7	11
109	Central arterial stiffness and retinal vessel calibers: the Atherosclerosis Risk in Communities Study-Neurocognitive Study. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 266-273	1.9	10
108	Habitual exercise for the elderly. <i>Family and Community Health</i> , <b>2009</b> , 32, S57-65	1.6	10
107	Impacts of Metabolic Syndrome Scores on Cerebrovascular Conductance Are Mediated by Arterial Stiffening. <i>American Journal of Hypertension</i> , <b>2017</b> , 31, 72-79	2.3	10
106	Central and peripheral pulse wave velocity and subclinical myocardial stress and damage in older adults. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212892	3.7	9
105	Phenotypic heterogeneity of obesity-related brain vulnerability: one-size interventions will not fit all. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1428, 89-102	6.5	9
104	Vascular effects of a single bout of electronic cigarette use. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2020</b> , 47, 3-6	3	9
103	Ankle-brachial index and incident diabetes mellitus: the atherosclerosis risk in communities (ARIC) study. <i>Cardiovascular Diabetology</i> , <b>2016</b> , 15, 163	8.7	9

102	2017 ACC/AHA blood pressure classification and incident peripheral artery disease: The Atherosclerosis Risk in Communities (ARIC) Study. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> , 27, 51-59	3.9	9
101	Nutrient intake and cerebral metabolism in healthy middle-aged adults: Implications for cognitive aging. <i>Nutritional Neuroscience</i> , <b>2017</b> , 20, 489-496	3.6	8
100	The "Hypertension Approaches in the Elderly: a Lifestyle study" multicenter, randomized trial (HAEL Study): rationale and methodological protocol. <i>BMC Public Health</i> , <b>2019</b> , 19, 657	4.1	8
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