

Hirofumi Tanaka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	High Frequency of Microvascular Dysfunction in US Outpatient Clinics: A Sign of High Residual Risk? Data from 7,105 Patients.. <i>International Journal of Vascular Medicine</i> , 2022 , 2022, 4224975	1.2	
244	The effects of gender and country of origin on acculturation, psychological factors, lifestyle factors, and diabetes-related physiological outcomes among Mexican Americans: The Starr County diabetes prevention initiative.. <i>Chronic Illness</i> , 2022 , 17423953221089315	1.4	1
243	Metabolic Syndrome and Cognitive Function in Midlife. <i>Archives of Clinical Neuropsychology</i> , 2021 , 36, 897-907	2.7	7
242	High hopes: lower risk of death due to mental disorders and self-harm in a century-long US Olympian cohort compared with the general population. <i>British Journal of Sports Medicine</i> , 2021 , 55, 900-905	10.3	4
241	Associations of lower-limb atherosclerosis and arteriosclerosis with cardiovascular risk factors and disease in older adults: The Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , 2021 ,	3.1	1
240	Ankle-brachial index and subsequent risk of incident and recurrent cardiovascular events in older adults: The Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , 2021 , 336, 39-47	3.1	1
239	Metabolic syndrome components moderate the association between executive function and functional connectivity in the default mode network. <i>Brain Imaging and Behavior</i> , 2021 , 15, 2139-2148	4.1	3
238	Life Satisfaction, Positive Affect, and Sleep Impairment in Masters Athletes: Modulation by Age, Sex, and Exercise Type. <i>Frontiers in Physiology</i> , 2021 , 12, 634433	4.6	2
237	Resting Energy Expenditure of Master Athletes: Accuracy of Predictive Equations and Primary Determinants. <i>Frontiers in Physiology</i> , 2021 , 12, 641455	4.6	6
236	Hypoxic preconditioning attenuates ischemia-reperfusion injury in young healthy adults. <i>Journal of Applied Physiology</i> , 2021 , 130, 846-852	3.7	3
235	Isokinetic Muscle Strength and Postural Sway of Recreationally Active Older Adults vs. Master Road Runners. <i>Frontiers in Physiology</i> , 2021 , 12, 623150	4.6	1
234	Left Ventricular Dimensions and Diastolic Function Are Different in Throwers, Endurance Athletes, and Sprinters From the World Masters Athletics Championships. <i>Frontiers in Physiology</i> , 2021 , 12, 643764	4.6	
233	Increase in arterial stiffness measures after bariatric surgery. <i>Atherosclerosis</i> , 2021 , 320, 19-23	3.1	2
232	Equol-producing status affects exercise training-induced improvement in arterial compliance in postmenopausal women. <i>Journal of Applied Physiology</i> , 2021 , 130, 827-835	3.7	1
231	Age-Related Decline in Vertical Jumping Performance in Masters Track and Field Athletes: Concomitant Influence of Body Composition. <i>Frontiers in Physiology</i> , 2021 , 12, 643649	4.6	3
230	Prehabilitation program composed of blood flow restriction training and sports nutrition improves physical functions in abdominal cancer patients awaiting surgery. <i>European Journal of Surgical Oncology</i> , 2021 , 47, 2952-2958	3.6	2
229	Network Modeling Sex Differences in Brain Integrity and Metabolic Health. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 691691	5.3	1

228	Inertial Load Power Cycling Training Increases Muscle Mass and Aerobic Power in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1188-1193	1.2	1
227	Relationship Between Central Artery Stiffness, Brain Arterial Dilation, and White Matter Hyperintensities in Older Adults: The ARIC Study-Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 2109-2116	9.4	1
226	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> , 2021 , 55, 206-212 ^{10.3}		12
225	Digital thermal monitoring techniques to assess vascular reactivity following finger and brachial occlusions. <i>Journal of Clinical Hypertension</i> , 2021 , 23, 122-127	2.3	
224	Longitudinal associations of blood pressure with aortic stiffness and pulsatility: the Atherosclerosis Risk in Communities Study. <i>Journal of Hypertension</i> , 2021 , 39, 987-993	1.9	1
223	The aortic-femoral arterial stiffness gradient: an atherosclerosis risk in communities (ARIC) study. <i>Journal of Hypertension</i> , 2021 , 39, 1370-1377	1.9	4
222	Sex Differences in Post-exercise Hypotension, Ambulatory Blood Pressure Variability, and Endothelial Function After a Power Training Session in Older Adults. <i>Frontiers in Physiology</i> , 2021 , 12, 657373	4.6	1
221	Association between circulating Galectin-3 and arterial stiffness in older adults. <i>Vasa - European Journal of Vascular Medicine</i> , 2021 , 50, 439-445	1.9	
220	Converting and Standardizing Various Measures of Arterial Stiffness to Pulse Wave Velocity.. <i>Pulse</i> , 2021 , 9, 72-82	1.6	0
219	The aortic-femoral arterial stiffness gradient is blood pressure independent in older adults: the atherosclerosis risk in communities (ARIC) study. <i>Journal of Hypertension</i> , 2021 , 39, 2361-2369	1.9	0
218	Total brachial artery reactivity and incident heart failure and heart failure subtypes: multi-ethnic study of atherosclerosis. <i>Heart and Vessels</i> , 2021 , 1	2.1	0
217	Symptomatic and asymptomatic peripheral artery disease and the risk of abdominal aortic aneurysm: The Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , 2021 , 333, 32-38	3.1	0
216	A Mobile App With Multimodality Prehabilitation Programs for Patients Awaiting Elective Surgery: Development and Usability Study.. <i>JMIR Perioperative Medicine</i> , 2021 , 4, e32575	1.5	0
215	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> , 2020 , 10, 7628	4.9	24
214	Hemodynamic and Pressor Responses to Combination of Yoga and Blood Flow Restriction. <i>International Journal of Sports Medicine</i> , 2020 , 41, 759-765	3.6	3
213	Walking With Leg Blood Flow Restriction: Wide-Rigid Cuffs vs. Narrow-Elastic Bands. <i>Frontiers in Physiology</i> , 2020 , 11, 568	4.6	4
212	Aortic Stiffness and White Matter Microstructural Integrity Assessed by Diffusion Tensor Imaging: The ARIC-NCS. <i>Journal of the American Heart Association</i> , 2020 , 9, e014868	6	8
211	Effectiveness of blood flow-restricted slow walking on mobility in severe multiple sclerosis: A pilot randomized trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 1999-2009	4.6	6

210	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> , 2020 , 19, 11	8.7	12
209	Central arterial stiffness and retinal vessel calibers: the Atherosclerosis Risk in Communities Study-Neurocognitive Study. <i>Journal of Hypertension</i> , 2020 , 38, 266-273	1.9	10
208	Postexercise Hypotension After Muscle Power Training Session in Older Adults With Hypertension. <i>Journal of Aging and Physical Activity</i> , 2020 , 1-6	1.6	4
207	Effect of Intermittent Hypoxia on Ischemic-Reperfusion Injury in Healthy Individuals. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
206	A Practical Measure Of Endothelial Function Applicable To The Routine Clinical Setting?. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 231-231	1.2	
205	Lower Suicide Risk In Former US Olympians. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1059-1059		
204	No Changes in Appetite-Related Hormones Following Swimming and Cycling Exercise Interventions in Adults with Obesity. <i>International Journal of Exercise Science</i> , 2020 , 13, 1819-1825	1.3	1
203	Association of Dementia and Vascular Risk Scores With Cortical Thickness and Cognition in Low-risk Middle-aged Adults. <i>Alzheimer Disease and Associated Disorders</i> , 2020 , 34, 313-317	2.5	3
202	Vascular effects of a single bout of electronic cigarette use. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2020 , 47, 3-6	3	9
201	Associations between carotid-femoral and heart-femoral pulse wave velocity in older adults: the Atherosclerosis Risk In Communities study. <i>Journal of Hypertension</i> , 2020 , 38, 1786-1793	1.9	3
200	Cognition, Brain Structure, and Brain Function in Individuals with Obesity and Related Disorders. <i>Current Obesity Reports</i> , 2020 , 9, 544-549	8.4	15
199	Effects of a single bout of power exercise training on ambulatory blood pressure in older adults with hypertension: A randomized controlled crossover study. <i>Complementary Therapies in Medicine</i> , 2020 , 54, 102554	3.5	6
198	Role of Fluid Milk in Attenuating Postprandial Hyperglycemia and Hypertriglyceridemia. <i>Nutrients</i> , 2020 , 12,	6.7	2
197	Apolipoprotein E genotype moderates the association between dietary polyunsaturated fat and brain function: an exploration of cerebral glutamate and cognitive performance. <i>Nutritional Neuroscience</i> , 2020 , 23, 696-705	3.6	2
196	Effects of full-fat dairy products on subclinical vascular function in adults with elevated blood pressure: a randomized clinical trial. <i>European Journal of Clinical Nutrition</i> , 2020 , 74, 9-16	5.2	4
195	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> , 2020 , 27, 51-59	3.9	9
194	Age- and Sex-Differences in Cardiac Characteristics Determined by Echocardiography in Masters Athletes. <i>Frontiers in Physiology</i> , 2020 , 11, 630148	4.6	2
193	Recovery from Strenuous Downhill Running in Young and Older Physically Active Adults. <i>International Journal of Sports Medicine</i> , 2019 , 40, 696-703	3.6	2

192	Heart-Thigh Cuff Pulse Wave Velocity: A Novel Nontechnical Measure of Arterial Stiffness. <i>American Journal of Hypertension</i> , 2019 , 32, 1051-1053	2.3	5
191	High dietary intake of whole milk and full-fat dairy products does not exert hypotensive effects in adults with elevated blood pressure. <i>Nutrition Research</i> , 2019 , 64, 72-81	4	6
190	Effects of mirthful laughter on pain tolerance: A randomized controlled investigation. <i>Journal of Bodywork and Movement Therapies</i> , 2019 , 23, 733-738	1.6	4
189	The "Hypertension Approaches in the Elderly: a Lifestyle study" multicenter, randomized trial (HAEL Study): rationale and methodological protocol. <i>BMC Public Health</i> , 2019 , 19, 657	4.1	8
188	Greater Adherence to LifeB Simple 7 Is Associated With Less Arterial Stiffness: the Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , 2019 , 32, 769-776	2.3	8
187	Central and peripheral pulse wave velocity and subclinical myocardial stress and damage in older adults. <i>PLoS ONE</i> , 2019 , 14, e0212892	3.7	9
186	Does 24-h ambulatory blood pressure monitoring act as ischemic preconditioning and influence endothelial function?. <i>Journal of Human Hypertension</i> , 2019 , 33, 817-820	2.6	3
185	Antiaging Effects of Aerobic Exercise on Systemic Arteries. <i>Hypertension</i> , 2019 , HYPERTENSIONAHA119183179	1.9	20
184	Short-Term Prognostic Impact of Arterial Stiffness in Older Adults Without Prevalent Cardiovascular Disease. <i>Hypertension</i> , 2019 , 74, 1373-1382	8.5	17
183	Cardiorespiratory burden of brass neck coils placed on Kayan Karen long-neck women of Thailand. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 894-901	3	1
182	CAIDE Dementia Risk Score Indicates Cortical Thinning in Low-Risk, Middle-Aged Adults. <i>FASEB Journal</i> , 2019 , 33, 737.2	0.9	
181	Overall Mortality, Survival, And Causes Of Death In Former US Olympians. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 534-535	1.2	
180	Aging and Physiological Lessons from Master Athletes. <i>Comprehensive Physiology</i> , 2019 , 10, 261-296	7.7	18
179	Recovery From Unaccustomed Strenuous Exercise In Young And Older Endurance-trained Adults. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 649-649	1.2	
178	Role of Cross-training in Orthopaedic Injuries and Healthcare Burden in Masters Swimmers. <i>International Journal of Sports Medicine</i> , 2019 , 40, 52-56	3.6	4
177	Cardio-ankle vascular index and cardiovascular disease: Systematic review and meta-analysis of prospective and cross-sectional studies. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 16-24	2.3	55
176	Heart-to-Brachium Pulse Wave Velocity as a Measure of Proximal Aortic Stiffness: MRI and Longitudinal Studies. <i>American Journal of Hypertension</i> , 2019 , 32, 146-154	2.3	18
175	Central Arterial Stiffness Is Associated With Structural Brain Damage and Poorer Cognitive Performance: The ARIC Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e011045	6	32

174	Associations of carotid arterial compliance and white matter diffusion metrics during midlife: modulation by sex. <i>Neurobiology of Aging</i> , 2018 , 66, 59-67	5.6	2
173	Adiposity, body composition and ventricular-arterial stiffness in the elderly: the Atherosclerosis Risk in Communities Study. <i>European Journal of Heart Failure</i> , 2018 , 20, 1191-1201	12.3	22
172	Physical activity mitigates adverse effect of metabolic syndrome on vessels and brain. <i>Brain Imaging and Behavior</i> , 2018 , 12, 1658-1668	4.1	6
171	Effects of yoga interventions practised in heated and thermoneutral conditions on endothelium-dependent vasodilatation: The Bikram yoga heart study. <i>Experimental Physiology</i> , 2018 , 103, 391-396	2.4	8
170	Arterial path length estimation for heart-to-brachium pulse wave velocity. <i>Hypertension Research</i> , 2018 , 41, 444-450	4.7	8
169	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> , 2018 , 72, 682-690	7.4	31
168	Phenotypic heterogeneity of obesity-related brain vulnerability: one-size interventions will not fit all. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1428, 89-102	6.5	9
167	Aortic reservoir function of Japanese female pearl divers. <i>Journal of Applied Physiology</i> , 2018 , 125, 1901-1905	3.7	4
166	Age-related Changes in Training Stimuli and Performance in Masters Swimmers. <i>International Journal of Sports Medicine</i> , 2018 , 39, 835-839	3.6	1
165	Various Indices of Arterial Stiffness: Are They Closely Related or Distinctly Different?. <i>Pulse</i> , 2018 , 5, 1-6	1.6	13
164	Effects of Whole Milk and Full-Fat Dairy Products on Vascular Function in Adults with Elevated Blood Pressure. <i>FASEB Journal</i> , 2018 , 32, 763.6	0.9	
163	Effects of High-Intensity Intermittent Training on Vascular Function in Obese Preadolescent Boys. <i>Childhood Obesity</i> , 2018 , 14, 41-49	2.5	23
162	Effects of exercise training on endothelial function in individuals with hypertension: a systematic review with meta-analysis. <i>Journal of the American Society of Hypertension</i> , 2018 , 12, e65-e75		16
161	Nonfat milk attenuates acute hyperglycemia in individuals with android obesity: A randomized control trial. <i>Food Science and Nutrition</i> , 2018 , 6, 2104-2112	3.2	2
160	Cultivation of arterial stiffness fields in the land of the rising sun. <i>Journal of Physiological Sciences</i> , 2018 , 68, 723-727	2.3	
159	Non-fat milk attenuates acute hypertriglyceridemia in obese individuals who consume a high fat diet: A randomized control trial. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2018 , 12, 8-13	2.8	1
158	Nutrient intake and cerebral metabolism in healthy middle-aged adults: Implications for cognitive aging. <i>Nutritional Neuroscience</i> , 2017 , 20, 489-496	3.6	8
157	Visceral adiposity predicts subclinical white matter hyperintensities in middle-aged adults. <i>Obesity Research and Clinical Practice</i> , 2017 , 11, 177-187	5.4	16

156	Reductions in central arterial compliance with age are related to sympathetic vasoconstrictor nerve activity in healthy men. <i>Hypertension Research</i> , 2017 , 40, 493-495	4.7	18
155	Higher visceral fat is associated with lower cerebral N-acetyl-aspartate ratios in middle-aged adults. <i>Metabolic Brain Disease</i> , 2017 , 32, 727-733	3.9	6
154	Beneficial neurocognitive effects of transcranial laser in older adults. <i>Lasers in Medical Science</i> , 2017 , 32, 1153-1162	3.1	50
153	Aging of Competitive Athletes. <i>Gerontology</i> , 2017 , 63, 488-494	5.5	11
152	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> , 2017 , 57, 195-204	4.3	43
151	Abdominal obesity and white matter microstructure in midlife. <i>Human Brain Mapping</i> , 2017 , 38, 3337-3344	4.9	20
150	Associations of resting heart rate with endothelium-dependent vasodilation and shear rate. <i>Clinical and Experimental Hypertension</i> , 2017 , 39, 150-154	2.2	1
149	Steady State vs. Pulsatile Blood Pressure Component and Regional Cerebral Perfusion. <i>American Journal of Hypertension</i> , 2017 , 30, 1100-1105	2.3	5
148	Effects of concurrent and aerobic exercises on postexercise hypotension in elderly hypertensive men. <i>Experimental Gerontology</i> , 2017 , 98, 1-7	4.5	25
147	Delayed Onset Vascular Stiffening Induced by Eccentric Resistance Exercise and Downhill Running. <i>Clinical Journal of Sport Medicine</i> , 2017 , 27, 369-374	3.2	4
146	The effect of Bikram yoga on endothelial function in young and middle-aged and older adults. <i>Journal of Bodywork and Movement Therapies</i> , 2017 , 21, 30-34	1.6	12
145	Ankle-brachial index and physical function in older individuals: The Atherosclerosis Risk in Communities (ARIC) study. <i>Atherosclerosis</i> , 2017 , 257, 208-215	3.1	21
144	Impacts of Metabolic Syndrome Scores on Cerebrovascular Conductance Are Mediated by Arterial Stiffening. <i>American Journal of Hypertension</i> , 2017 , 31, 72-79	2.3	10
143	Hemodynamic Correlates of Blood Pressure in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Journal of Clinical Hypertension</i> , 2016 , 18, 1222-1227	2.3	15
142	Arterial Path Length for Arterial Stiffness: Methodological Consideration. <i>American Journal of Hypertension</i> , 2016 , 29, 1237-1244	2.3	12
141	Smoking and Cardiac Structure and Function in the Elderly: The ARIC Study (Atherosclerosis Risk in Communities). <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, e004950	3.9	38
140	Panax ginseng and Salvia miltiorrhiza supplementation during eccentric resistance training in middle-aged and older adults: A double-blind randomized control trial. <i>Complementary Therapies in Medicine</i> , 2016 , 29, 158-163	3.5	3
139	Ultrasound Assessment of Flow-Mediated Dilatation of the Brachial and Superficial Femoral Arteries in Rats. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	6

138	Response to "Repeatability of Different Segmental Pulse Wave Velocity Measurements". <i>American Journal of Hypertension</i> , 2016 , 29, 890	2.3	1
137	Serum Brain-Derived Neurotrophic Factor Mediates the Relationship between Abdominal Adiposity and Executive Function in Middle Age. <i>Journal of the International Neuropsychological Society</i> , 2016 , 22, 493-500	3.1	15
136	Improved Function and Reduced Pain after Swimming and Cycling Training in Patients with Osteoarthritis. <i>Journal of Rheumatology</i> , 2016 , 43, 666-72	4.1	43
135	Arterial stiffness is associated with age-related differences in cerebrovascular conductance. <i>Experimental Gerontology</i> , 2016 , 73, 59-64	4.5	14
134	Correlates of Segmental Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , 2016 , 29, 114-22	2.3	61
133	Smoking Behaviors and Arterial Stiffness Measured by Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , 2016 , 29, 1268-1275	2.3	20
132	Effects of Swimming and Cycling Exercise Intervention on Vascular Function in Patients With Osteoarthritis. <i>American Journal of Cardiology</i> , 2016 , 117, 141-5	3	27
131	Repeatability of Central and Peripheral Pulse Wave Velocity Measures: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , 2016 , 29, 470-5	2.3	51
130	New Indices of Endothelial Function Measured by Digital Thermal Monitoring of Vascular Reactivity: Data from 6084 Patients Registry. <i>International Journal of Vascular Medicine</i> , 2016 , 2016, 1348028	1.2	18
129	Panax ginseng and salvia miltiorrhiza supplementation abolishes eccentric exercise-induced vascular stiffening: a double-blind randomized control trial. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 168	4.7	6
128	Arterial stiffness of lifelong Japanese female pearl divers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R975-8	3.2	16
127	Ankle-brachial index and incident diabetes mellitus: the atherosclerosis risk in communities (ARIC) study. <i>Cardiovascular Diabetology</i> , 2016 , 15, 163	8.7	9
126	Interrelationships Among Various Measures of Central Artery Stiffness. <i>American Journal of Hypertension</i> , 2016 , 29, 1024-8	2.3	30
125	Prediabetes and Diabetes Are Associated With Arterial Stiffness in Older Adults: The ARIC Study. <i>American Journal of Hypertension</i> , 2016 , 29, 1038-45	2.3	52
124	A week of Danjiki (Buddhist fasting ritual) on cardiometabolic health: a case report. <i>Journal of Physiological Sciences</i> , 2016 , 66, 431-4	2.3	2
123	Effects of Buddhist walking meditation on glycemic control and vascular function in patients with type 2 diabetes. <i>Complementary Therapies in Medicine</i> , 2016 , 26, 92-7	3.5	34
122	A rise in peak performance age in female athletes. <i>Age</i> , 2015 , 37, 9795		22
121	Inflammation as a mediator of the relationship between cortical thickness and metabolic syndrome. <i>Brain Imaging and Behavior</i> , 2015 , 9, 737-43	4.1	12

120	Greater progression of athletic performance in older Masters athletes. <i>Age and Ageing</i> , 2015 , 44, 683-6	3	25
119	Impact of leg blood flow restriction during walking on central arterial hemodynamics. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R732-9	3.2	18
118	Association between cardiovagal baroreflex sensitivity and baseline cerebral perfusion of the hippocampus. <i>Clinical Autonomic Research</i> , 2015 , 25, 213-8	4.3	15
117	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> , 2015 , 25, 364-9	4.5	14
116	Vascular function, cerebral cortical thickness, and cognitive performance in middle-aged Hispanic and non-Hispanic Caucasian adults. <i>Journal of Clinical Hypertension</i> , 2015 , 17, 306-12	2.3	6
115	Brachial-Ankle Pulse Wave Velocity: Myths, Misconceptions, and Realities. <i>Pulse</i> , 2015 , 3, 106-13	1.6	53
114	Attenuated Age-Related Increases in Arterial Stiffness in Japanese and American Women. <i>Journal of the American Geriatrics Society</i> , 2015 , 63, 1170-4	5.6	4
113	Cerebral/Peripheral Vascular Reactivity and Neurocognition in Middle-Age Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2595-603	1.2	26
112	Central Adiposity and Cortical Thickness in Midlife. <i>Psychosomatic Medicine</i> , 2015 , 77, 671-8	3.7	24
111	Impact of blood pressure perturbations on arterial stiffness. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R1540-5	3.2	44
110	Reduced Regional Cerebral White Matter Perfusion in Middle-Aged Hispanic Adults. <i>FASEB Journal</i> , 2015 , 29, 657.2	0.9	
109	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> , 2014 , 100, 80-7	7	22
108	Effect of walking speed and placement position interactions in determining the accuracy of various newer pedometers. <i>Journal of Exercise Science and Fitness</i> , 2014 , 12, 31-37	3.1	25
107	Arterial path length estimation on brachial-ankle pulse wave velocity: validity of height-based formulas. <i>Journal of Hypertension</i> , 2014 , 32, 881-9	1.9	32
106	Does aerobic exercise mitigate the effects of cigarette smoking on arterial stiffness?. <i>Journal of Clinical Hypertension</i> , 2014 , 16, 640-4	2.3	19
105	Influence of skin type and wavelength on light wave reflectance. <i>Journal of Clinical Monitoring and Computing</i> , 2013 , 27, 313-7	2	68
104	Aerobic fitness and cognitive function in midlife: an association mediated by plasma insulin. <i>Metabolic Brain Disease</i> , 2013 , 28, 727-30	3.9	7
103	Central artery stiffness, neuropsychological function, and cerebral perfusion in sedentary and endurance-trained middle-aged adults. <i>Journal of Hypertension</i> , 2013 , 31, 2400-9	1.9	80

102	Culprit for low aerobic fitness in down syndrome: is deconditioning guilty as charged?. <i>Exercise and Sport Sciences Reviews</i> , 2013 , 41, 137	6.7	
101	Teaching Circulatory Responses to Exercise Using a Classic Paper by Grimby et al.. <i>FASEB Journal</i> , 2013 , 27, 517.9	0.9	
100	Cardiopulmonary Fitness and Cognitive Function in Midlife: Associations with Central Elastic Arterial Stiffness and Regional Cerebral Perfusion. <i>FASEB Journal</i> , 2013 , 27, 709.6	0.9	
99	The Addition of Non-Fat Dairy Products to the Routine Diet Reduces Systolic Blood Pressure in Obese Individuals. <i>FASEB Journal</i> , 2013 , 27, 368.6	0.9	
98	Effects of swimming training on blood pressure and vascular function in adults >50 years of age. <i>American Journal of Cardiology</i> , 2012 , 109, 1005-10	3	90
97	Contribution of blood viscosity in the assessment of flow-mediated dilation and arterial stiffness. <i>Vascular Medicine</i> , 2012 , 17, 231-4	3.3	23
96	Elevated serum C-reactive protein relates to increased cerebral myoinositol levels in middle-aged adults. <i>Cardiovascular Psychiatry and Neurology</i> , 2012 , 2012, 120540		32
95	Progression of Athletic Performance in Age-Group Swimmers in the Past 50 Years. <i>International Journal of Performance Analysis in Sport</i> , 2012 , 12, 608-613	1.8	2
94	Indirect effects of elevated body mass index on memory performance through altered cerebral metabolite concentrations. <i>Psychosomatic Medicine</i> , 2012 , 74, 691-8	3.7	31
93	Habitual resistance exercise and endothelial ischemia-reperfusion injury in young adults. <i>Atherosclerosis</i> , 2011 , 219, 191-3	3.1	14
92	Low flow-mediated constriction: prevalence, impact and physiological determinant. <i>Clinical Physiology and Functional Imaging</i> , 2011 , 31, 394-8	2.4	31
91	Comparison of central artery elasticity in swimmers, runners, and the sedentary. <i>American Journal of Cardiology</i> , 2011 , 107, 783-7	3	74
90	Association between central elastic artery stiffness and cerebral perfusion in deep subcortical gray and white matter. <i>American Journal of Hypertension</i> , 2011 , 24, 1108-13	2.3	67
89	COMBO exercise training for JUMBO benefits. <i>Hypertension Research</i> , 2011 , 34, 997-8	4.7	
88	Exercise physiology of normal development, sex differences, and aging. <i>Comprehensive Physiology</i> , 2011 , 1, 1649-78	7.7	11
87	Endothelial ischemia-reperfusion injury in humans: association with age and habitual exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H813-9	5.2	31
86	Assessment of Macro- and Microvascular Function and Reactivity 2011 , 265-275		1
85	Additive beneficial effects of lactotripeptides intake with regular exercise on endothelium-dependent dilatation in postmenopausal women. <i>American Journal of Hypertension</i> , 2010 , 23, 368-72	2.3	55

84	Arterial stiffening following eccentric exercise-induced muscle damage. <i>Journal of Applied Physiology</i> , 2010 , 109, 1102-8	3.7	59
83	Functional imaging of working memory and peripheral endothelial function in middle-aged adults. <i>Brain and Cognition</i> , 2010 , 73, 146-51	2.7	26
82	Carotid-Femoral Pulse Wave Velocity: Impact of Different Arterial Path Length Measurements. <i>Artery Research</i> , 2010 , 4, 27-31	2.2	44
81	Effects of leg blood flow restriction during walking on cardiovascular function. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 726-32	1.2	85
80	Elevated cerebral glutamate and myo-inositol levels in cognitively normal middle-aged adults with metabolic syndrome. <i>Metabolic Brain Disease</i> , 2010 , 25, 397-405	3.9	34
79	Effect of mirthful laughter on vascular function. <i>American Journal of Cardiology</i> , 2010 , 106, 856-9	3	37
78	Subclinical atherosclerosis is related to lower neuronal viability in middle-aged adults: a 1H MRS study. <i>Brain Research</i> , 2010 , 1344, 54-61	3.7	20
77	Arterial Pressure Wave Reflection Site Shifts Periphery with Aging. <i>FASEB Journal</i> , 2010 , 24, 786.20	0.9	
76	Ankle Blood Pressure: A Novel Measure Affecting Central Arterial Wave Reflection?. <i>FASEB Journal</i> , 2010 , 24, 786.10	0.9	
75	Habitual exercise is associated with reduced arterial stiffness in systemic lupus erythematosus. <i>FASEB Journal</i> , 2010 , 24, 804.7	0.9	
74	Habitual exercise for the elderly. <i>Family and Community Health</i> , 2009 , 32, S57-65	1.6	10
73	Cerebral blood flow: sleeping beauty awakened by exercise. <i>Exercise and Sport Sciences Reviews</i> , 2009 , 37, 111	6.7	3
72	Additive beneficial effects of lactotripeptides and aerobic exercise on arterial compliance in postmenopausal women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H1899-903	5.2	63
71	Reduction in alpha-adrenergic receptor-mediated vascular tone contributes to improved arterial compliance with endurance training. <i>International Journal of Cardiology</i> , 2009 , 135, 346-52	3.2	59
70	Swimming exercise: impact of aquatic exercise on cardiovascular health. <i>Sports Medicine</i> , 2009 , 39, 377-87	10.6	53
69	Comparison between carotid-femoral and brachial-ankle pulse wave velocity as measures of arterial stiffness. <i>Journal of Hypertension</i> , 2009 , 27, 2022-7	1.9	381
68	Endurance exercise performance in Masters athletes: age-associated changes and underlying physiological mechanisms. <i>Journal of Physiology</i> , 2008 , 586, 55-63	3.9	299
67	The effects of strength training on central arterial compliance in middle-aged and older adults. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008 , 15, 149-55		83

66	Agreement between carotid and radial augmentation index: Does medication status affect the relation??. <i>Artery Research</i> , 2008 , 2, 74	2.2	6
65	Innovative exercise device that simulates horseback riding: cardiovascular and metabolic responses. <i>Comparative Exercise Physiology</i> , 2008 , 5,	0.7	2
64	Habitual exercise and arterial aging. <i>Journal of Applied Physiology</i> , 2008 , 105, 1323-32	3.7	253
63	Interrelationships among noninvasive measures of postischemic macro- and microvascular reactivity. <i>Journal of Applied Physiology</i> , 2008 , 105, 427-32	3.7	133
62	Carotid artery compliance and systemic nitric oxide synthase inhibition in young healthy adults. <i>FASEB Journal</i> , 2008 , 22, 1154.15	0.9	
61	The effect of resistance training on systemic inflammatory markers in middle-aged and older adults. <i>FASEB Journal</i> , 2008 , 22, 753.34	0.9	
60	Effect of systemic nitric oxide synthase inhibition on arterial stiffness in humans. <i>Hypertension Research</i> , 2007 , 30, 411-5	4.7	47
59	Declines in ten-pin bowling performance with advancing age. <i>Age and Ageing</i> , 2007 , 36, 693-4	3	7
58	Increases in blood flow and shear stress to nonworking limbs during incremental exercise. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 81-5	1.2	86
57	Resistance training increases basal limb blood flow and vascular conductance in aging humans. <i>Journal of Applied Physiology</i> , 2006 , 101, 1351-5	3.7	84
56	Arterial compliance of rowers: implications for combined aerobic and strength training on arterial elasticity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H1596-600	5.2	60
55	Cigarette smoking, regular exercise, and peripheral blood flow. <i>Atherosclerosis</i> , 2006 , 185, 201-5	3.1	23
54	Resistance Training Increases Basal Limb Blood Flow and Vascular Conductance in Aging Humans. <i>FASEB Journal</i> , 2006 , 20, A813	0.9	
53	Acute effects of resistance exercise on arterial compliance. <i>Journal of Applied Physiology</i> , 2005 , 98, 2287-91	3.7	133
52	Influence of lifestyle modification on arterial stiffness and wave reflections. <i>American Journal of Hypertension</i> , 2005 , 18, 137-44	2.3	143
51	Lack of age-related decreases in basal whole leg blood flow in resistance-trained men. <i>Journal of Applied Physiology</i> , 2005 , 99, 1384-90	3.7	40
50	Aortic stiffness and aerobic exercise: mechanistic insight from microarray analyses. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 1710-6	1.2	45
49	Post-exercise palpation of pulse rates: its applicability to habitual exercisers. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2005 , 15, 177-81	4.6	4

48	Dietary sodium restriction rapidly improves large elastic artery compliance in older adults with systolic hypertension. <i>Hypertension</i> , 2004 , 44, 35-41	8.5	185
47	Unfavorable effects of resistance training on central arterial compliance: a randomized intervention study. <i>Circulation</i> , 2004 , 110, 2858-63	16.7	343
46	Age-related declines in anaerobic muscular performance: weightlifting and powerlifting. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 143-7	1.2	47
45	Do Exercise-induced Changes in Distensibility and Elastic Components of Rat Aorta Last for Long after the Cessation of Training?. <i>International Journal of Sport and Health Science</i> , 2004 , 2, 76-83	0.3	1
44	A new device for automatic measurements of arterial stiffness and ankle-brachial index. <i>American Journal of Cardiology</i> , 2003 , 91, 1519-22, A9	3	173
43	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> , 2003 , 28, 204-12		44
42	How much exercise is required to reduce blood pressure in essential hypertensives: a dose-response study. <i>American Journal of Hypertension</i> , 2003 , 16, 629-33	2.3	81
41	Greater age-related reductions in central arterial compliance in resistance-trained men. <i>Hypertension</i> , 2003 , 41, 130-5	8.5	160
40	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> , 2003 , 95, 2152-62	2.7	192
39	Declines in physiological functional capacity with age: a longitudinal study in peak swimming performance. <i>Journal of Applied Physiology</i> , 2003 , 94, 764-9	3.7	113
38	Greater rate of decline in maximal aerobic capacity with age in endurance-trained than in sedentary men. <i>Journal of Applied Physiology</i> , 2003 , 94, 2406-13	3.7	109
37	Regular exercise, hormone replacement therapy and the age-related decline in carotid arterial compliance in healthy women. <i>Cardiovascular Research</i> , 2003 , 57, 861-8	9.9	140
36	Decline in insulin action with age in endurance-trained humans. <i>Journal of Applied Physiology</i> , 2002 , 93, 2105-11	3.7	24
35	Regular aerobic exercise and the age-related increase in carotid artery intima-media thickness in healthy men. <i>Journal of Applied Physiology</i> , 2002 , 92, 1458-64	3.7	111
34	Age-related reductions in appendicular skeletal muscle mass: association with habitual aerobic exercise status. <i>Clinical Physiology and Functional Imaging</i> , 2002 , 22, 169-72	2.4	30
33	Arterial intima-media thickness: site-specific associations with HRT and habitual exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 283, H1409-17	5.2	49
32	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> , 2001 , 11 Suppl, S189-95	4.4	27
31	Regular endurance exercise induces expansive arterial remodelling in the trained limbs of healthy men. <i>Journal of Physiology</i> , 2001 , 534, 287-95	3.9	172

30	Reductions in basal limb blood flow and vascular conductance with human ageing: role for augmented alpha-adrenergic vasoconstriction. <i>Journal of Physiology</i> , 2001 , 536, 977-83	3.9	120
29	Age-related decreases in basal limb blood flow in humans: time course, determinants and habitual exercise effects. <i>Journal of Physiology</i> , 2001 , 531, 573-9	3.9	88
28	Pharmacologic versus flow-mediated assessments of peripheral vascular endothelial vasodilatory function in humans. <i>American Journal of Cardiology</i> , 2001 , 88, 1067-9	3	60
27	Carotid artery wall hypertrophy with age is related to local systolic blood pressure in healthy men. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 82-7	9.4	94
26	Central arterial compliance is associated with age- and habitual exercise-related differences in cardiovagal baroreflex sensitivity. <i>Circulation</i> , 2001 , 104, 1627-32	16.7	155
25	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> , 2001 , 38, 506-13	15.1	148
24	Exercise prescription for the elderly: current recommendations. <i>Sports Medicine</i> , 2001 , 31, 809-18	10.6	150
23	Age-predicted maximal heart rate revisited. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 153-65.1	65.1	1895
22	Age-associated changes in cardiovagal baroreflex sensitivity are related to central arterial compliance. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H284-9	5.2	155
21	Effects of one-legged endurance training on femoral arterial and venous size in healthy humans. <i>Journal of Applied Physiology</i> , 2001 , 90, 2439-44	3.7	92
20	Regular aerobic exercise modulates age-associated declines in cardiovagal baroreflex sensitivity in healthy men. <i>Journal of Physiology</i> , 2000 , 529 Pt 1, 263-71	3.9	123
19	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> , 2000 , 278, H829-34	5.2	167
18	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> , 2000 , 278, H1205-10	5.2	124
17	Regular aerobic exercise prevents and restores age-related declines in endothelium-dependent vasodilation in healthy men. <i>Circulation</i> , 2000 , 102, 1351-7	16.7	655
16	Aging, habitual exercise, and dynamic arterial compliance. <i>Circulation</i> , 2000 , 102, 1270-5	16.7	824
15	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> , 1999 , 100, 164-70	16.7	233
14	Cardiopulmonary baroreflex inhibition of sympathetic nerve activity is preserved with age in healthy humans. <i>Journal of Physiology</i> , 1999 , 515 (Pt 1), 249-54	3.9	42
13	Hemodynamic sequelae of age-related increases in arterial stiffness in healthy women. <i>American Journal of Cardiology</i> , 1998 , 82, 1152-5, A10	3	29

12	Impact of resistance training on endurance performance. A new form of cross-training?. <i>Sports Medicine</i> , 1998 , 25, 191-200	10.6	102
11	Absence of age-related increase in central arterial stiffness in physically active women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 127-32	9.4	369
10	Regular walking increases peak limb vasodilatory capacity of older hypertensive humans: implications for arterial structure. <i>Journal of Hypertension</i> , 1998 , 16, 423-8	1.9	44
9	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> , 1998 , 275, H1768-72	5.2	35
8	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> , 1998 , 275, H1178-82	5.2	25
7	Regular exercise and the age-related decline in resting metabolic rate in women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 3208-12	5.6	47
6	Age-related declines in maximal aerobic capacity in regularly exercising vs. sedentary women: a meta-analysis. <i>Journal of Applied Physiology</i> , 1997 , 83, 160-5	3.7	204
5	Greater rate of decline in maximal aerobic capacity with age in physically active vs. sedentary healthy women. <i>Journal of Applied Physiology</i> , 1997 , 83, 1947-53	3.7	144
4	Age and gender interactions in physiological functional capacity: insight from swimming performance. <i>Journal of Applied Physiology</i> , 1997 , 82, 846-51	3.7	132
3	Effects of cross-training. Transfer of training effects on VO ₂ max between cycling, running and swimming. <i>Sports Medicine</i> , 1994 , 18, 330-9	10.6	47
2	Dry-land resistance training for competitive swimming. <i>Medicine and Science in Sports and Exercise</i> , 1993 , 25, 952-959	1.2	57
1	The Impact of a Multimodal Sport Science-Based Prehabilitation Program on Clinical Outcomes in Abdominal Cancer Patients: A Cohort Study. <i>American Surgeon</i> , 000313482211036	0.8	0