Athanasios D Protogerou

List of Publications by Year in Descending Order

201 papers	6,573 citations	38 h-index	75 g-index
222 ext. papers	8,034 ext. citations	3.8 avg, IF	5.58 L-index

#	Paper	IF	Citations
201	Cardiovascular disease detection using machine learning and carotid/femoral arterial imaging frameworks in rheumatoid arthritis patients.. *Rheumatology International*, **2022**, 42, 215	3.6	1
200	Assessing Staff and Stroke Patients Experiences in 8 Hospitals in Greece: Results from a Prospective Multi-Center Study ("SUN4Patients").. *Studies in Health Technology and Informatics*, **2022**, 289, 392-396	0.5	
199	Twenty-Four-Hour Central (Aortic) Systolic Blood Pressure: Reference Values and Dipping Patterns in Untreated Individuals. *Hypertension*, **2022**, 79, 251-260	8.5	2
198	Superiority of 24-Hour Aortic Over 24-Hour Brachial Pressure to Associate With Carotid Arterial Damage on the Basis of Pressure Amplification Variability: the SAFAR Study.. *Hypertension*, **2022**, HYPERTENSIONAHA12	8.5	
197	Ambulatory blood pressure trajectories and blood pressure variability in kidney transplant recipients: a comparative study against haemodialysis patients.. *CKJ: Clinical Kidney Journal*, **2022**, 15, 951-960	4.5	1
196	Ambulatory measurement of pulsatile hemodynamics **2022**, 125-135		
195	Cardiovascular Risk Stratification in Diabetic Retinopathy via Atherosclerotic Pathway in COVID-19/non-COVID-19 Frameworks using Artificial Intelligence Paradigm: A Narrative Review. *Diagnostics*, **2022**, 12, 1234	3.8	1
194	COVLIAS 1.0Lesion vs. MedSeg: An Artificial Intelligence Framework for Automated Lesion Segmentation in COVID-19 Lung Computed Tomography Scans. *Diagnostics*, **2022**, 12, 1283	3.8	1
193	Dietary sodium estimation methods: accuracy and limitations of old and new methods in individuals at high cardiovascular risk. *Public Health Nutrition*, **2021**, 1-13	3.3	0
192	PCSK9/LDLR System and Rheumatoid Arthritis-Related Atherosclerosis. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 738764	5.4	2
191	Inter-Variability Study of COVLIAS 1.0: Hybrid Deep Learning Models for COVID-19 Lung Segmentation in Computed Tomography. *Diagnostics*, **2021**, 11,	3.8	6
190	Cardiovascular disease and stroke risk assessment in patients with chronic kidney disease using integration of estimated glomerular filtration rate, ultrasonic image phenotypes, and artificial intelligence: a narrative review. *International Angiology*, **2021**, 40, 150-164	2.2	7
189	A narrative review on characterization of acute respiratory distress syndrome in COVID-19-infected lungs using artificial intelligence. *Computers in Biology and Medicine*, **2021**, 130, 104210	7	26
188	A Multifactorial Approach in Type 2 Diabetes Over 3 Years Decelerates Progression of Subclinical Arterial Disease in Routine Clinical Practice. *Angiology*, **2021**, 72, 923-933	2.1	
187	Detection of Subclinical Coronary Artery Lesions by Framingham Risk Score, Peripheral Artery Atheromatosis and Coronary Artery Calcium Score: A Pilot Study in Asymptomatic Individuals Living with HIV. *AIDS Research and Human Retroviruses*, **2021**, 37, 343-349	1.6	1
186	Reply to: "Levels of dietary sodium intake: diverging associations with arterial stiffness and atheromatosis. Concerns about the evidence review and methods". *Hellenic Journal of Cardiology*, **2021**, 63, 94-94	2.1	
185	A Review on Joint Carotid Intima-Media Thickness and Plaque Area Measurement in Ultrasound for Cardiovascular/Stroke Risk Monitoring: Artificial Intelligence Framework. *Journal of Digital Imaging*, **2021**, 34, 581-604	5.3	6

184	QApples to orangesQand QLess is moreQ*Journal of Hypertension*, **2021**, 39, 1262-1264	1.9	1
183	Multimodality carotid plaque tissue characterization and classification in the artificial intelligence paradigm: a narrative review for stroke application. *Annals of Translational Medicine*, **2021**, 9, 1206	3.2	12
182	Dietary sodium and cardiovascular morbidity/mortality: a brief commentary on the Q-shape hypothesisQ*Journal of Hypertension*, **2021**, 39, 2335-2343	1.9	
181	Contribution of single office aortic systolic blood pressure measurements to the detection of masked hypertension: data from two separate cohorts. *Hypertension Research*, **2021**, 44, 215-224	4.7	3
180	Moderately increased alcohol consumption is associated with higher pressure wave reflections and blood pressure in men. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 85-94	4.5	1
179	Wilson disease tissue classification and characterization using seven artificial intelligence models embedded with 3D optimization paradigm on a weak training brain magnetic resonance imaging datasets: a supercomputer application. *Medical and Biological Engineering and Computing*, **2021**, 59, 511-533	3.1	17
178	Adoption of the SAMe-TTR score in older patients with atrial fibrillation. *Hellenic Journal of Cardiology*, **2021**, 62, 386-388	2.1	
177	Levels of dietary sodium intake: diverging associations with arterial stiffness and atheromatosis. *Hellenic Journal of Cardiology*, **2021**, 62, 439-446	2.1	4
176	Does Sodium Intake Induce Systemic Inflammatory Response? A Systematic Review and Meta-Analysis of Randomized Studies in Humans. *Nutrients*, **2021**, 13,	6.7	2
175	Associations of dietary patterns with blood pressure and markers of subclinical arterial damage in adults with risk factors for CVD. *Public Health Nutrition*, **2021**, 24, 6075-6084	3.3	2
174	COVLIAS 1.0: Lung Segmentation in COVID-19 Computed Tomography Scans Using Hybrid Deep Learning Artificial Intelligence Models. *Diagnostics*, **2021**, 11,	3.8	16
173	Habitual consumption of instant coffee is favorably associated with arterial stiffness but not with atheromatosis. *Clinical Nutrition ESPEN*, **2021**, 45, 363-368	1.3	1
172	COVLIAS 1.0 vs. MedSeg: Artificial Intelligence-Based Comparative Study for Automated COVID-19 Computed Tomography Lung Segmentation in Italian and Croatian Cohorts.. *Diagnostics*, **2021**, 11,	3.8	4
171	Historical and Epidemiological study of malaria cases of the "Refugee Hospital" in Veria in the context of Anti-Malaria Battle in Greece (1926-1940). *Heliyon*, **2020**, 6, e04996	3.6	
170	Two-stage artificial intelligence model for jointly measurement of atherosclerotic wall thickness and plaque burden in carotid ultrasound: A screening tool for cardiovascular/stroke risk assessment. *Computers in Biology and Medicine*, **2020**, 123, 103847	7	20
169	Seasonal variation in blood pressure: Evidence, consensus and recommendations for clinical practice. Consensus statement by the European Society of Hypertension Working Group on Blood Pressure Monitoring and Cardiovascular Variability. *Journal of Hypertension*, **2020**, 38, 1235-1243	1.9	26
168	Progression of Subclinical Vascular Damage in People Living With HIV Is Not Predicted by Current Cardiovascular Risk Scores: A Prospective 3-Year Study. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2020**, 83, 504-512	3.1	5
167	Morphological Carotid Plaque Area Is Associated With Glomerular Filtration Rate: A Study of South Asian Indian Patients With Diabetes and Chronic Kidney Disease. *Angiology*, **2020**, 71, 520-535	2.1	15

166	Genetically Predicted Blood Pressure Across the Lifespan: Differential Effects of Mean and Pulse Pressure on Stroke Risk. *Hypertension*, **2020**, 76, 953-961	8.5	8
165	Arterial Stiffness in Hypertension and Function of Large Arteries. *American Journal of Hypertension*, **2020**, 33, 291-296	2.3	11
164	The impact of manual quality control review on the feasibility of central ambulatory blood pressure monitoring. *Journal of Hypertension*, **2020**, 38, 776	1.9	2
163	Integration of estimated glomerular filtration rate biomarker in image-based cardiovascular disease/stroke risk calculator: a south Asian-Indian diabetes cohort with moderate chronic kidney disease. *International Angiology*, **2020**, 39, 290-306	2.2	12
162	Low-cost preventive screening using carotid ultrasound in patients with diabetes. *Frontiers in Bioscience - Landmark*, **2020**, 25, 1132-1171	2.8	19
161	Integration of cardiovascular risk assessment with COVID-19 using artificial intelligence. *Reviews in Cardiovascular Medicine*, **2020**, 21, 541-560	3.9	12
160	Noninvasive Cardiac Output and Central Systolic Pressure From Cuff-Pressure and Pulse Wave Velocity. *IEEE Journal of Biomedical and Health Informatics*, **2020**, 24, 1968-1981	7.2	10
159	Accuracy and precision of cardiac output estimation by an automated, brachial cuff-based oscillometric device in patients with shock. *Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine*, **2020**, 234, 1330-1336	1.7	6
158	3-D optimized classification and characterization artificial intelligence paradigm for cardiovascular/stroke risk stratification using carotid ultrasound-based delineated plaque: Atheromatic™2.0. *Computers in Biology and Medicine*, **2020**, 125, 103958	7	26
157	COVID-19 pathways for brain and heart injury in comorbidity patients: A role of medical imaging and artificial intelligence-based COVID severity classification: A review. *Computers in Biology and Medicine*, **2020**, 124, 103960	7	44
156	Artificial intelligence framework for predictive cardiovascular and stroke risk assessment models: A narrative review of integrated approaches using carotid ultrasound. *Computers in Biology and Medicine*, **2020**, 126, 104043	7	15
155	Vascular consequences of inflammation: a position statement from the ESH Working Group on Vascular Structure and Function and the ARTERY Society. *Journal of Hypertension*, **2020**, 38, 1682-1698	1.9	39
154	Increased Neutrophil Extracellular Traps Related to Smoking Intensity and Subclinical Atherosclerosis in Patients with Type 2 Diabetes. *Thrombosis and Haemostasis*, **2020**, 120, 1587-1589	7	3
153	Does the Carotid Bulb Offer a Better 10-Year CVD/Stroke Risk Assessment Compared to the Common Carotid Artery? A 1516 Ultrasound Scan Study. *Angiology*, **2020**, 71, 920-933	2.1	14
152	Ultrasound-based stroke/cardiovascular risk stratification using Framingham Risk Score and ASCVD Risk Score based on "Integrated Vascular Age" instead of "Chronological Age": a multi-ethnic study of Asian Indian, Caucasian, and Japanese cohorts. *Cardiovascular Diagnosis and Therapy*, **2020**, 10, 939-954	2.6	8
151	Cardiovascular risk assessment in patients with rheumatoid arthritis using carotid ultrasound B-mode imaging. *Rheumatology International*, **2020**, 40, 1921-1939	3.6	7
150	Pulsatile and steady-state 24-hour hemodynamics in adolescents and young adults: The next steps ahead. *Journal of Clinical Hypertension*, **2020**, 22, 1797-1799	2.3	2
149	Cardiovascular/stroke risk predictive calculators: a comparison between statistical and machine learning models. *Cardiovascular Diagnosis and Therapy*, **2020**, 10, 919-938	2.6	31

148	On the importance of the nonuniform aortic stiffening in the hemodynamics of physiological aging. *American Journal of Physiology - Heart and Circulatory Physiology*, **2019**, 317, H1125-H1133	5.2	5
147	Assessing blood pressure and arterial aging in pharmacies-New hope for blood pressure control in the community?. *Journal of Clinical Hypertension*, **2019**, 21, 822-824	2.3	1
146	A Special Report on Changing Trends in Preventive Stroke/Cardiovascular Risk Assessment Via B-Mode Ultrasonography. *Current Atherosclerosis Reports*, **2019**, 21, 25	6	26
145	Effect of carotid image-based phenotypes on cardiovascular risk calculator: AECRS1.0. *Medical and Biological Engineering and Computing*, **2019**, 57, 1553-1566	3.1	27
144	The present and future of deep learning in radiology. *European Journal of Radiology*, **2019**, 114, 14-24	4.7	143
143	Ranking of stroke and cardiovascular risk factors for an optimal risk calculator design: Logistic regression approach. *Computers in Biology and Medicine*, **2019**, 108, 182-195	7	22
142	Response to: Q& miR200b-5p a new predictor of lymphoma or associated with lymphocytes infiltrate within salivary glands?Q& by Nocturne. *Annals of the Rheumatic Diseases*, **2019**, 78, e96	2.4	
141	Added value of aortic pulse wave velocity index for the detection of coronary heart disease by elective coronary angiography. *Blood Pressure*, **2019**, 28, 375-384	1.7	4
140	A low-cost machine learning-based cardiovascular/stroke risk assessment system: integration of conventional factors with image phenotypes. *Cardiovascular Diagnosis and Therapy*, **2019**, 9, 420-430	2.6	35
139	Association of Estimated Pulse Wave Velocity With Survival: A Secondary Analysis of SPRINT. *JAMA Network Open*, **2019**, 2, e1912831	10.4	41
138	Global perspective on carotid intima-media thickness and plaque: should the current measurement guidelines be revisited?. *International Angiology*, **2019**, 38, 451-465	2.2	29
137	Current Data on Dietary Sodium, Arterial Structure and Function in Humans: A Systematic Review. *Nutrients*, **2019**, 12,	6.7	4
136	A clinical score for prediction of elevated aortic stiffness: derivation and validation in 3943 hypertensive patients. *Journal of Hypertension*, **2019**, 37, 339-346	1.9	10
135	Determinants of pulse pressure amplification in hypertensive and diabetic patients. *Hypertension Research*, **2019**, 42, 374-384	4.7	3
134	Performance evaluation of 10-year ultrasound image-based stroke/cardiovascular (CV) risk calculator by comparing against ten conventional CV risk calculators: A diabetic study. *Computers in Biology and Medicine*, **2019**, 105, 125-143	7	29
133	Prevalence, Incidence, and Contributors of Subclinical Atheromatosis, Arteriosclerosis, and Arterial Hypertrophy in HIV-Infected Individuals: A Single-Center, 3-Year Prospective Study. *Angiology*, **2019** , 70, 448-457	2.1	6
132	Mechanics of early ventricular impairment in systemic sclerosis and the effects of peripheral arterial haemodynamics. *Clinical and Experimental Rheumatology*, **2019**, 37 Suppl 119, 57-62	2.2	
131	24-hour aortic blood pressure variability showed a stronger association with carotid damage than 24-hour brachial blood pressure variability: The SAFAR study. *Journal of Clinical Hypertension*, **2018**, 20, 499-507	2.3	7

130	Aortic systolic pressure derived with different calibration methods: associations to brachial systolic pressure in the general population. *Blood Pressure Monitoring*, **2018**, 23, 134-140	1.3	11
129	Mechanisms of pulse pressure amplification dipping pattern during sleep time: the SAFAR study. *Journal of the American Society of Hypertension*, **2018**, 12, 117-127		10
128	Accelerated atheromatosis and arteriosclerosis in primary systemic vasculitides: current evidence and future perspectives. *Current Opinion in Rheumatology*, **2018**, 30, 36-43	5.3	13
127	Systemic Inflammatory Response and Atherosclerosis: The Paradigm of Chronic Inflammatory Rheumatic Diseases. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	72
126	Update on assessment and management of primary cardiac involvement in systemic sclerosis.. *Journal of Scleroderma and Related Disorders*, **2018**, 3, 53-65	2.3	15
125	The Role of Colchicine in the Treatment of Autoinflammatory Diseases. *Current Pharmaceutical Design*, **2018**, 24, 690-694	3.3	19
124	Extensive phenotyping of vascular damage in non-infectious primary vasculitides with the use of non-invasive vascular biomarkers: prevalence, pathogenesis and response to treatment. *Mediterranean Journal of Rheumatology*, **2018**, 29, 173-177	1.4	
123	Determinants of the aortic pulse wave velocity index in hypertensive and diabetic patients: predictive and therapeutic implications. *Journal of Hypertension*, **2018**, 36, 2324-2332	1.9	16
122	Interaction Between Hypertension and Arterial Stiffness. *Hypertension*, **2018**, 72, 796-805	8.5	93
121	Aortic Ambulatory Blood Pressure Monitoring and Target Organ Damage: Are the Data Really Conflicting?. *American Journal of Hypertension*, **2018**, 31, 1260-1262	2.3	6
120	Pulse pressure amplification and cardiac autonomic dysfunction in patients with type 2 diabetes mellitus. *Journal of Human Hypertension*, **2018**, 32, 531-539	2.6	3
119	Low miR200b-5p levels in minor salivary glands: a novel molecular marker predicting lymphoma development in patients with Sj□renQ syndrome. *Annals of the Rheumatic Diseases*, **2018**, 77, 1200-1207	2.4	27
118	Prevalence of hypertension and hypertension phenotypes by age and gender among schoolchildren in Greece: The Healthy Growth Study. *Atherosclerosis*, **2017**, 259, 128-133	3.1	24
117	Subclinical atherosclerosis in Systemic Lupus Erythematosus: Comparable risk with Diabetes Mellitus and Rheumatoid Arthritis. *Autoimmunity Reviews*, **2017**, 16, 308-312	13.6	63
116	Retinal vascular calibers in contemporary patients with chronic systemic inflammatory diseases: The Greek REtinal Microcirculation (GREM) study. *Artery Research*, **2017**, 18, 1	2.2	4
115	Validation of non-invasive central blood pressure devices: ARTERY Society task force consensus statement on protocol standardization. *European Heart Journal*, **2017**, 38, 2805-2812	9.5	126
114	Total arterial compliance, estimated by a novel method, is better related to left ventricular mass compared to aortic pulse wave velocity: The SAFAR study. *Clinical and Experimental Hypertension*, **2017**, 39, 271-276	2.2	3
113	Pulse wave velocity and cardiac autonomic function in type 2 diabetes mellitus. *BMC Endocrine Disorders*, **2017**, 17, 27	3.3	12

112	Reply to: "Considerations about: "Prevalence of hypertension and hypertension phenotypes by age and gender among schoolchildren in Greece: The Healthy Growth Study"". *Atherosclerosis*, **2017**, 261, 167-168	3.1	
111	Atherosclerosis is not accelerated in rheumatoid arthritis of low activity or remission, regardless of antirheumatic treatment modalities. *Rheumatology*, **2017**, 56, 934-939	3.9	25
110	The effect of raisins on biomarkers of endothelial function and oxidant damage; an open-label and randomized controlled intervention. *Food Research International*, **2017**, 102, 674-680	7	15
109	Twenty-four-hour aortic ambulatory blood pressure monitoring and target organ damage: more data are needed. *Journal of Hypertension*, **2017**, 35, 2323	1.9	1
108	Vitamin K2 supplementation and arterial stiffness among renal transplant recipients-a single-arm, single-center clinical trial. *Journal of the American Society of Hypertension*, **2017**, 11, 589-597		35
107	Advanced statistical methodologies to address inherent study limitations. Author Response to Ayubi and Saeid. *Journal of Clinical Hypertension*, **2017**, 19, 923-924	2.3	
106	Validation of non-invasive central blood pressure devices: Artery society task force (abridged) consensus statement on protocol standardization. *Artery Research*, **2017**, 20, 35	2.2	6
105	Longitudinal Changes in Mean and Pulse Pressure, and All-Cause Mortality: Data From 71,629 Untreated Normotensive Individuals. *American Journal of Hypertension*, **2017**, 30, 1093-1099	2.3	24
104	Reply. *Journal of Hypertension*, **2017**, 35, 894-896	1.9	2
103	Impact of non-steroidal anti-inflammatory drugs on cardiovascular risk: Is it the same in osteoarthritis and rheumatoid arthritis?. *Modern Rheumatology*, **2017**, 27, 559-569	3.3	10
102	Blood Pressure and All-Cause Mortality by Level of Cognitive Function in the Elderly: Results From a Population-Based Study in Rural Greece. *Journal of Clinical Hypertension*, **2017**, 19, 161-169	2.3	10
101	Patient Management of Hypertensive Subjects without and with Diabetes Mellitus Type II. *Medical Clinics of North America*, **2017**, 101, 159-167	7	1
100	Non-invasive vascular biomarkers in patients with Behçet's disease: review of the data and future perspectives. *Clinical and Experimental Rheumatology*, **2017**, 35 Suppl 108, 100-107	2.2	2
99	Retinal microcirculation in association with caffeinated and alcoholic drinks in subjects at increased cardiovascular risk. *Microcirculation*, **2016**, 23, 591-596	2.9	2
98	Methodology and technology for peripheral and central blood pressure and blood pressure variability measurement: current status and future directions - Position statement of the European Society of Hypertension Working Group on blood pressure monitoring and cardiovascular variability. *Journal of Hypertension*, **2016**, 34, 1665-77	1.9	89
97	Comorbidity of Cognitive Impairment and Late-Life Depression Increase Mortality: Results From a Cohort of Community-Dwelling Elderly Individuals in Rural Greece. *Journal of Geriatric Psychiatry and Neurology*, **2016**, 29, 195-204	3.8	33
96	Pulse Pressure and Pulse Pressure Amplification as Biomarkers in Cardiovascular Disease **2016**, 917-933		1
95	Milestones in the history of diabetes mellitus: The main contributors. *World Journal of Diabetes*, **2016**, 7, 1-7	4.7	72

94	Accuracy of commercial devices and methods for noninvasive estimation of aortic systolic blood pressure a systematic review and meta-analysis of invasive validation studies. *Journal of Hypertension*, **2016**, 34, 1237-48	1.9	81
93	Phenotypes of office systolic blood pressure according to both brachial and aortic measurements: frequencies and associations with carotid hypertrophy in 1861 adults. *Journal of Hypertension*, **2016** , 34, 1325-30	1.9	3
92	Heat therapy: an ancient concept re-examined in the era of advanced biomedical technologies. *Journal of Physiology*, **2016**, 594, 7141-7142	3.9	8
91	Mean arterial pressure values calculated using seven different methods and their associations with target organ deterioration in a single-center study of 1878 individuals. *Hypertension Research*, **2016**, 39, 640-7	4.7	28
90	Central Blood Pressure Measurement **2016**, 49-58		
89	Twenty-Four-Hour Ambulatory Pulse Wave Analysis in Hypertension Management: Current Evidence and Perspectives. *Current Hypertension Reports*, **2016**, 18, 72	4.7	32
88	Mean Arterial Pressure Estimation by a Non-Traditional Formula and Fractional Pulse Pressure. *Journal of the American College of Cardiology*, **2016**, 68, 668-669	15.1	3
87	Angiotensin System Blockade Combined With Calcium Channel Blockers Is Superior to Other Combinations in Cardiovascular Protection With Similar Blood Pressure Reduction: A Meta-Analysis in 20,451 Hypertensive Patients. *Journal of Clinical Hypertension*, **2016**, 18, 801-8	2.3	16
86	Ambulatory recording of wave reflections and arterial stiffness during intra- and interdialytic periods in patients treated with dialysis. *Clinical Journal of the American Society of Nephrology: CJASN*, **2015**, 10, 630-8	6.9	54
85	Rheumatoid arthritis is sufficient to cause atheromatosis but not arterial stiffness or hypertrophy in the absence of classical cardiovascular risk factors. *Clinical Rheumatology*, **2015**, 34, 853-9	3.9	20
84	Intact calibers of retinal vessels in patients with systemic sclerosis. *Journal of Rheumatology*, **2015**, 42, 608-13	4.1	11
83	The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation: Endorsed by the Association for Research into Arterial Structure and Physiology (ARTERY) Society. *Atherosclerosis*, 2015, 241, 507-32	3.1	420
82	Ambulatory aortic blood pressure, wave reflections and pulse wave velocity are elevated during the third in comparison to the second interdialytic day of the long interval in chronic haemodialysis patients. *Nephrology Dialysis Transplantation*, **2015**, 30, 2046-53	4.3	32
81	Subclinical Atherosclerosis Is Not Accelerated in Patients with Ankylosing Spondylitis with Low Disease Activity: New Data and Metaanalysis of Published Studies. *Journal of Rheumatology*, **2015**, 42, 2098-105	4.1	31
80	Arterial Stiffness and Incidence of Systolic Hypertension: The End to the "Chicken-Egg" Question?. *Journal of Clinical Hypertension*, **2015**, 17, 592-3	2.3	0
79	The Keith-Wagener-Barker and Mitchell-Wong grading systems for hypertensive retinopathy: association with target organ damage in individuals below 55 years. *Journal of Hypertension*, **2015**, 33, 2303-9	1.9	20
78	The Additive Value of Femoral Ultrasound for Subclinical Atherosclerosis Assessment in a Single Center Cohort of 962 Adults, Including High Risk Patients with Rheumatoid Arthritis, Human Immunodeficiency Virus Infection and Type 2 Diabetes Mellitus. *PLoS ONE*, **2015**, 10, e0132307	3.7	21
77	Association between arterial stiffness, cerebral small vessel disease and cognitive impairment: A systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*, **2015**, 53, 121-30	9	146

76	Prognostic significance of visit-to-visit systolic blood pressure variability: a meta-analysis of 77,299 patients. *Journal of Clinical Hypertension*, **2015**, 17, 107-15	2.3	54
75	Association Between Arterial Stiffness and Skin Microvascular Function: The SUVIMAX2 Study and The Maastricht Study. *American Journal of Hypertension*, **2015**, 28, 868-76	2.3	24
74	In vivo evaluation of a novel diastole-patching algorithm for the estimation of pulse transit time: advancing the precision in pulse wave velocity measurement. *Physiological Measurement*, **2015**, 36, 149-61	2.9	5
73	Pulse Pressure and Pulse Pressure Amplification as Biomarkers in Cardiovascular Disease **2015**, 1-17		
72	Cost estimation of hypertension management based on home blood pressure monitoring alone or combined office and ambulatory blood pressure measurements. *Journal of the American Society of Hypertension*, **2014**, 8, 732-8		17
71	Total arterial compliance estimated by a novel method and all-cause mortality in the elderly: the PROTEGER study. *Age*, **2014**, 36, 9661		10
70	First in vivo application and evaluation of a novel method for non-invasive estimation of cardiac output. *Medical Engineering and Physics*, **2014**, 36, 1352-7	2.4	8
69	Associations between dietary patterns and skin microcirculation in healthy subjects. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 463-9	9.4	10
68	Evaluation of a novel brachial cuff-based oscillometric method for estimating central systolic pressure in hemodialysis patients. *American Journal of Nephrology*, **2014**, 40, 242-50	4.6	48
67	Left-ventricular hypertrophy is associated better with 24-h aortic pressure than 24-h brachial pressure in hypertensive patients: the SAFAR study. *Journal of Hypertension*, **2014**, 32, 1805-14	1.9	86
66	De-stiffening Strategy, Sodium Balance, and Blockade of the Renin-Angiotensin System **2014**, 519-529		
65	Pulse Pressure Amplification and Arterial Stiffness in Middle Age **2014**, 281-295		
64	Hypertension and vascular dynamics in men and women with metabolic syndrome. *Journal of the American College of Cardiology*, **2013**, 61, 12-9	15.1	84
63	Arterial hypertension assessed "out-of-office" in a contemporary cohort of rheumatoid arthritis patients free of cardiovascular disease is characterized by high prevalence, low awareness, poor control and increased vascular damage-associated "white coat" phenomenon. *Arthritis Research and Therapy*, **2013**, 15, R142	5.7	34
62	Prognosis in the hospitalized very elderly: the PROTEGER study. *International Journal of Cardiology*, **2013**, 168, 2714-9	3.2	22
61	Acute effects of beer on endothelial function and hemodynamics: a single-blind, crossover study in healthy volunteers. *Nutrition*, **2013**, 29, 1122-6	4.8	24
60	Central hemodynamic modifications in diabetes mellitus. *Atherosclerosis*, **2013**, 230, 315-21	3.1	34
59	Non-invasive 24 hour ambulatory monitoring of aortic wave reflection and arterial stiffness by a novel oscillometric device: the first feasibility and reproducibility study. *International Journal of Cardiology*, **2013**, 169, 57-61	3.2	67

58	Myocardial ischaemia without obstructive coronary artery disease in rheumatoid arthritis: hypothesis-generating insights from a cross-sectional study. *Rheumatology*, **2013**, 52, 76-80	3.9	26
57	Aortic stiffness and incident hypertension. *JAMA - Journal of the American Medical Association*, **2013**, 309, 29-30	27.4	2
56	Comparison study of central blood pressure and wave reflection obtained from tonometry-based devices. *American Journal of Hypertension*, **2013**, 26, 34-41	2.3	8
55	Characteristics of pulse wave velocity in elastic and muscular arteries: a mismatch beyond age. *Journal of Hypertension*, **2013**, 31, 554-9; discussion 559	1.9	42
54	Differences in pulse pressure day variability between the brachial artery and the aorta in healthy subjects. *Artery Research*, **2012**, 6, 34	2.2	7
53	Feasibility and reproducibility of noninvasive 24-h ambulatory aortic blood pressure monitoring with a brachial cuff-based oscillometric device. *American Journal of Hypertension*, **2012**, 25, 876-82	2.3	71
52	Gender difference in cardiovascular risk factors in the elderly with cardiovascular disease in the last stage of lifespan: the PROTEGER study. *International Journal of Cardiology*, **2012**, 155, 144-8	3.2	9
51	Importance of standardized methodology to comparisons between studies of rheumatoid arthritis and cardiovascular disease: comment on the article by Giles et al. *Arthritis and Rheumatism*, **2012**, 64, 3487-8; author reply 3488		2
50	Predictors of new atherosclerotic carotid plaque development in patients with rheumatoid arthritis: a longitudinal study. *Arthritis Research and Therapy*, **2012**, 14, R44	5.7	23
49	Subclinical femoral atheromatosis in rheumatoid arthritis: comparable prevalence to diabetes mellitus in a case-control study. *Annals of the Rheumatic Diseases*, **2012**, 71, 1534-6	2.4	14
48	Ambulatory systolic-diastolic pressure regression index as a predictor of clinical events: a meta-analysis of longitudinal studies. *Stroke*, **2012**, 43, 733-9	6.7	25
47	Low-dose prednisone inclusion in a methotrexate-based, tight control strategy for early rheumatoid arthritis. *Annals of Internal Medicine*, **2012**, 157, 299-300; author reply 300	8	2
46	Expert consensus document on the measurement of aortic stiffness in daily practice using carotid-femoral pulse wave velocity. *Journal of Hypertension*, **2012**, 30, 445-8	1.9	1089
45	Effect of CPAP treatment on endothelial function and plasma CRP levels in patients with sleep apnea. *Medical Science Monitor*, **2012**, 18, CR747-51	3.2	28
44	A pilot study of endothelial dysfunction and aortic stiffness after interleukin-6 receptor inhibition in rheumatoid arthritis. *Atherosclerosis*, **2011**, 219, 734-6	3.1	102
43	Radial late-SBP as a surrogate for central SBP. *Journal of Hypertension*, **2011**, 29, 676-81	1.9	8
42	Methods for evaluating endothelial function: a position statement from the European Society of Cardiology Working Group on Peripheral Circulation. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2011**, 18, 775-89		203
41	The combined effect of aortic stiffness and pressure wave reflections on mortality in the very old with cardiovascular disease: the PROTEGER Study. *Hypertension Research*, **2011**, 34, 803-8	4.7	13

40	Blood pressure variability: a confounder and a cardiovascular risk factor. *Hypertension Research*, **2011**, 34, 162-3	4.7	14
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