Athanasios D Protogerou

List of Publications by Year
in descending order

221	9,222	58212	48623
papers	citations	44 h-index	88 g-index

222	222	222	10346
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expert consensus document on the measurement of aortic stiffness in daily practice using carotid-femoral pulse wave velocity. Journal of Hypertension, 2012, 30, 445-448.	0.5	1,440
2	The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation. Atherosclerosis, 2015, 241, 507-532.	0.8	587
3	Role of Pulse Pressure Amplification in Arterial Hypertension. Hypertension, 2009, 54, 375-383.	2.8	457
4	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, 775-789.	2.8	245
5	The present and future of deep learning in radiology. European Journal of Radiology, 2019, 114, 14-24.	2.7	229
6	Diastolic Blood Pressure and Mortality in the Elderly With Cardiovascular Disease. Hypertension, 2007, 50, 172-180.	2.8	208
7	Interaction Between Hypertension and Arterial Stiffness. Hypertension, 2018, 72, 796-805.	2.8	189
8	Association between arterial stiffness, cerebral small vessel disease and cognitive impairment: A systematic review and meta-analysis. Neuroscience and Biobehavioral Reviews, 2015, 53, 121-130.	6.3	187
9	Validation of non-invasive central blood pressure devices: ARTERY Society task force consensus statement on protocol standardization. European Heart Journal, 2017, 38, 2805-2812.	2.3	175
10	The Effect of Antihypertensive Drugs on Central Blood Pressure Beyond Peripheral Blood Pressure. Part II: Evidence for Specific Class-Effects of Antihypertensive Drugs on Pressure Amplification. Current Pharmaceutical Design, 2009, 15, 272-289.	1.9	127
11	Milestones in the history of diabetes mellitus: The main contributors. World Journal of Diabetes, 2016, 7, 1.	3.5	126
12	A pilot study of endothelial dysfunction and aortic stiffness after interleukin-6 receptor inhibition in rheumatoid arthritis. Atherosclerosis, 2011, 219, 734-736.	0.8	125
13	Systemic Inflammatory Response and Atherosclerosis: The Paradigm of Chronic Inflammatory Rheumatic Diseases. International Journal of Molecular Sciences, 2018, 19, 1890.	4.2	121
14	Methodology and technology for peripheral and central blood pressure and blood pressure variability measurement. Journal of Hypertension, 2016, 34, 1665-1677.	0.5	118
15	Association of Estimated Pulse Wave Velocity With Survival. JAMA Network Open, 2019, 2, e1912831.	6.0	113
16	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, 1237-1248.	0.5	112
17	Validation of the Microlife Watch BP Office professional device for office blood pressure measurement according to the International protocol. Blood Pressure Monitoring, 2008, 13, 299-303.	0.8	108
18	Blood Pressure Response Under Chronic Antihypertensive Drug Therapy. Journal of the American College of Cardiology, 2009, 53, 445-451.	2.8	104

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19	Hypertension and Vascular Dynamics in Men and Women With Metabolic Syndrome. Journal of the American College of Cardiology, 2013, 61, 12-19.	2.8	104
20	Left-ventricular hypertrophy is associated better with 24-h aortic pressure than 24-h brachial pressure in hypertensive patients. Journal of Hypertension, 2014, 32, 1805-1814.	0.5	102
21	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.	0.5	102
22	Central blood pressures: do we need them in the management of cardiovascular disease? Is it a feasible therapeutic target?. Journal of Hypertension, 2007, 25, 265-272.	0.5	99
23	Subclinical atherosclerosis in Systemic Lupus Erythematosus: Comparable risk with Diabetes Mellitus and Rheumatoid Arthritis. Autoimmunity Reviews, 2017, 16, 308-312.	5.9	83
24	Non-invasive 24hour 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.	1.8	82
25	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.	7.2	79
26	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, 876-882.	2.0	75
27	Comorbidity of Cognitive Impairment and Late-Life Depression Increase Mortality. Journal of Geriatric Psychiatry and Neurology, 2016, 29, 195-204.	2.5	72
28	Prognostic Significance of Visitâ€toâ€Visit Systolic Blood Pressure Variability: A Metaâ€Analysis of 77,299 Patients. Journal of Clinical Hypertension, 2015, 17, 107-115.	2.0	71
29	Arterial stiffness assessed by pulse wave analysis in essential hypertension: relation to 24-h blood pressure profile. International Journal of Cardiology, 2005, 102, 391-395.	1.8	69
30	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, 630-638.	4.5	67
31	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.	0.5	67
32	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, 640-647.	2.7	65
33	Tamoxifen improves endothelial function and reduces carotid intima-media thickness in postmenopausal women. American Heart Journal, 2004, 147, 1093-1099.	2.8	63
34	Evaluation of a Novel Brachial Cuff-Based Oscillometric Method for Estimating Central Systolic Pressure in Hemodialysis Patients. American Journal of Nephrology, 2014, 40, 242-250.	3.2	60
35	Aortic wave reflection in women and men. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H236-H242.	3.3	58
36	Automated determination of the ankle-brachial index using an oscillometric blood pressure monitor: validation vs. Doppler measurement and cardiovascular risk factor profile. Hypertension Research, 2011, 34, 825-830.	2.7	54

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37	Characteristics of pulse wave velocity in elastic and muscular arteries. Journal of Hypertension, 2013, 31, 554-559.	0.5	54
38	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.	1.7	54
39	Gender influence on metabolic syndrome's effects on arterial stiffness and pressure wave reflections in treated hypertensive subjects. Atherosclerosis, 2007, 193, 151-158.	0.8	52
40	3-D optimized classification and characterization artificial intelligence paradigm for cardiovascular/stroke risk stratification using carotid ultrasound-based delineated plaque: Atheromaticâ„¢ 2.0. Computers in Biology and Medicine, 2020, 125, 103958.	7.2	52
41	Arterial Stiffness in Hypertension and Function of Large Arteries. American Journal of Hypertension, 2020, 33, 291-296.	2.0	51
42	Vitamin K2 supplementation and arterial stiffness among renal transplant recipientsâ€”a single-arm, single-center clinical trial. Journal of the American Society of Hypertension, 2017, 11, 589-597.	2.3	49
43	Arterial stiffness and central hemodynamics in treated hypertensive subjects according to brachial blood pressure classification. Journal of Hypertension, 2008, 26, 130-137.	0.5	48
44	The Effect of Antihypertensive Drugs on Central Blood Pressure Beyond Peripheral Blood Pressure. Part I: (Patho)-Physiology, Rationale and Perspective on Pulse Pressure Amplification. Current Pharmaceutical Design, 2009, 15, 267-271.	1.9	47
45	Twenty-Four-Hour Ambulatory Pulse Wave Analysis in Hypertension Management: Current Evidence and Perspectives. Current Hypertension Reports, 2016, 18, 72.	3.4	47
46	Cardiovascular/stroke risk predictive calculators: a comparison between statistical and machine learning models. Cardiovascular Diagnosis and Therapy, 2020, 10, 919-938.	1.7	46
47	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.	7.2	46
48	Increased Pulse Pressure Amplification in Treated Hypertensive Subjects With Metabolic Syndrome. American Journal of Hypertension, 2007, 20, 127-133.	2.0	45
49	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, 2098-2105.	2.1	43
50	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.	7.2	42
51	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.	2.8	41
52	Arterial hypertension assessed â€œout-of-officeâ€•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 â€œwhite coatâ€•phenomenon. Arthritis Research and Therapy, 2013, 15, R142.	3.6	39
53	Central hemodynamic modifications in diabetes mellitus. Atherosclerosis, 2013, 230, 315-321.	0.8	39
54	Multimodality carotid plaque tissue characterization and classification in the artificial intelligence paradigm: a narrative review for stroke application. Annals of Translational Medicine, 2021, 9, 1206-1206.	1.7	39

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55	Global perspective on carotid intima-media thickness and plaque: should the current measurement guidelines be revisited?. International Angiology, 2020, 38, 451-465.	0.9	39
56	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.	7.2	38
57	COVLIAS 1.0: Lung Segmentation in COVID-19 Computed Tomography Scans Using Hybrid Deep Learning Artificial Intelligence Models. Diagnostics, 2021, 11, 1405.	2.7	38
58	Acute effects of beer on endothelial function and hemodynamics: AÂsingle-blind, crossover study in healthy volunteers. Nutrition, 2013, 29, 1122-1126.	2.5	37
59	Prevalence of hypertension and hypertension phenotypes by age and gender among schoolchildren in Greece: The Healthy Growth Study. Atherosclerosis, 2017, 259, 128-133.	0.8	37
60	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, 2046-2053.	0.8	35
61	Ambulatory Systolicâ€“Diastolic Pressure Regression Index as a Predictor of Clinical Events. Stroke, 2012, 43, 733-739.	2.0	34
62	Atherosclerosis is not accelerated in rheumatoid arthritis of low activity or remission, regardless of antirheumatic treatment modalities. Rheumatology, 2017, 56, 934-939.	2.0	34
63	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.	7.2	34
64	Structural and functional arterial properties in patients with obstructive sleep apnoea syndrome and cardiovascular comorbidities. Journal of Human Hypertension, 2008, 22, 415-422.	2.2	33
65	Myocardial ischaemia without obstructive coronary artery disease in rheumatoid arthritis: hypothesis-generating insights from a cross-sectional study. Rheumatology, 2013, 52, 76-80.	2.0	33
66	A Special Report on Changing Trends in Preventive Stroke/Cardiovascular Risk Assessment Via B-Mode Ultrasonography. Current Atherosclerosis Reports, 2019, 21, 25.	4.8	33
67	Effect of carotid image-based phenotypes on cardiovascular risk calculator: AECRS1.0. Medical and Biological Engineering and Computing, 2019, 57, 1553-1566.	2.8	33
68	Effect of CPAP treatment on endothelial function and plasma CRP levels in patients with sleep apnea. Medical Science Monitor, 2012, 18, CR747-CR751.	1.1	33
69	The Role of Colchicine in the Treatment of Autoinflammatory Diseases. Current Pharmaceutical Design, 2018, 24, 690-694.	1.9	33
70	Low miR200b-5p levels in minor salivary glands: a novel molecular marker predicting lymphoma development in patients with SjÃ¶grenâ€™s syndrome. Annals of the Rheumatic Diseases, 2018, 77, annrheumdis-2017-212639.	0.9	32
71	Dissociation Between Central Augmentation Index and Carotidâ€“Femoral Pulse-Wave Velocity: When and Why?. American Journal of Hypertension, 2007, 20, 648-649.	2.0	31
72	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.	2.5	31

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73	Statins, Central Blood Pressure, and Blood Pressure Amplification. Circulation, 2009, 119, 9-12.	1.7	30
74	Predictors of new atherosclerotic carotid plaque development in patients with rheumatoid arthritis: a longitudinal study. Arthritis Research and Therapy, 2012, 14, R44.	3.6	30
75	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.	7.2	30
76	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.	3.0	29
77	Low-cost preventive screening using carotid ultrasound in patients with diabetes. Frontiers in Bioscience - Landmark, 2020, 25, 1132-1171.	3.0	29
78	Arterial wave reflection is associated with severity of extracoronary atherosclerosis in patients with coronary artery disease. European Journal of Cardiovascular Prevention and Rehabilitation, 2006, 13, 236-242.	2.8	28
79	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.	2.0	28
80	Miliary Tuberculous Peritonitis Mimicking Advanced Ovarian Cancer. Gynecologic and Obstetric Investigation, 2003, 56, 89-92.	1.6	27
81	Association Between Arterial Stiffness and Skin Microvascular Function: The SUVIMAX2 Study and The Maastricht Study. American Journal of Hypertension, 2015, 28, 868-876.	2.0	27
82	Cardiac and arterial calcifications and all-cause mortality in the elderly: The PROTEGER Study. Atherosclerosis, 2010, 213, 622-626.	0.8	26
83	Prevalence and prognosis of left ventricular diastolic dysfunction in the elderly: The PROTEGER Study. American Heart Journal, 2010, 160, 471-478.	2.8	25
84	Prognosis in the hospitalized very elderly: The PROTEGER study. International Journal of Cardiology, 2013, 168, 2714-2719.	1.8	25
85	Cardiovascular risk assessment in patients with rheumatoid arthritis using carotid ultrasound B-mode imaging. Rheumatology International, 2020, 40, 1921-1939.	3.1	25
86	The Keithâ€“Wagenerâ€“Barker and Mitchellâ€“Wong grading systems for hypertensive retinopathy. Journal of Hypertension, 2015, 33, 2303-2309.	0.5	24
87	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, 853-859.	2.3	24
88	Integration of cardiovascular risk assessment with COVID-19 using artificial intelligence. Reviews in Cardiovascular Medicine, 2020, 21, 541.	1.4	24
89	Angiotensin System Blockade Combined With Calcium Channel Blockers Is Superior to Other Combinations in Cardiovascular Protection With Similar Blood Pressure Reduction: A Metaâ€Analysis in 20,451 Hypertensive Patients. Journal of Clinical Hypertension, 2016, 18, 801-808.	2.0	23
90	Update on assessment and management of primary cardiac involvement in systemic sclerosis. Journal of Scleroderma and Related Disorders, 2018, 3, 53-65.	1.7	23

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91	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.	6.4	23
92	COVLIAS 2.0-cXAI: Cloud-Based Explainable Deep Learning System for COVID-19 Lesion Localization in Computed Tomography Scans. Diagnostics, 2022, 12, 1482.	2.7	23
93	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, 732-738.	2.3	22
94	Aortic systolic pressure derived with different calibration methods. Blood Pressure Monitoring, 2018, 23, 134-140.	0.8	22
95	Determinants of the aortic pulse wave velocity index in hypertensive and diabetic patients. Journal of Hypertension, 2018, 36, 2324-2332.	0.5	22
96	Large Artery Stiffness and Antihypertensive Agents. Current Pharmaceutical Design, 2005, 11, 3317-3326.	1.9	21
97	Interrelated modulation of endothelial function in Behcet's disease by clinical activity and corticosteroid treatment. Arthritis Research and Therapy, 2007, 9, R90.	3.6	21
98	Pulse pressure amplification, adiposity and metabolic syndrome in subjects under chronic antihypertensive therapy: The role of heart rate. Atherosclerosis, 2008, 199, 222-229.	0.8	21
99	Responses of the ambulatory arterial stiffness index and other measures of arterial function to antihypertensive drugs. Hypertension Research, 2011, 34, 489-495.	2.7	21
100	Pulse wave velocity and cardiac autonomic function in type 2 diabetes mellitus. BMC Endocrine Disorders, 2017, 17, 27.	2.3	21
101	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.	6.3	21
102	Genetically Predicted Blood Pressure Across the Lifespan. Hypertension, 2020, 76, 953-961.	2.8	21
103	The relative impact of different measures of adiposity on markers of early atherosclerosis. International Journal of Cardiology, 2007, 119, 139-146.	1.8	20
104	Accelerated atheromatosis and arteriosclerosis in primary systemic vasculitides: current evidence and future perspectives. Current Opinion in Rheumatology, 2018, 30, 36-43.	4.3	20
105	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.	1.8	20
106	Inter-Variability Study of COVLIAS 1.0: Hybrid Deep Learning Models for COVID-19 Lung Segmentation in Computed Tomography. Diagnostics, 2021, 11, 2025.	2.7	20
107	A Powerful Paradigm for Cardiovascular Risk Stratification Using Multiclass, Multi-Label, and Ensemble-Based Machine Learning Paradigms: A Narrative Review. Diagnostics, 2022, 12, 722.	2.7	20
108	Arterial stiffness and orthostatic blood pressure changes in untreated and treated hypertensive subjects. Journal of the American Society of Hypertension, 2008, 2, 372-377.	2.3	19

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109	Isolated systolic hypertension. Journal of Hypertension, 2013, 31, 655-658.	0.5	19
110	Total arterial compliance estimated by a novel method and all-cause mortality in the elderly: the PROTEGER study. Age, 2014, 36, 9661.	3.0	19
111	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.	1.9	19
112	A clinical score for prediction of elevated aortic stiffness. Journal of Hypertension, 2019, 37, 339-346.	0.5	18
113	Cardiovascular disease detection using machine learning and carotid/femoral arterial imaging frameworks in rheumatoid arthritis patients. Rheumatology International, 2022, 42, 215-239.	3.1	18
114	Automated device that complies with current guidelines for office blood pressure measurement: design and pilot application study of the Microlife WatchBP Office device. Blood Pressure Monitoring, 2008, 13, 231-235.	0.8	17
115	Blood pressure variability: a confounder and a cardiovascular risk factor. Hypertension Research, 2011, 34, 162-163.	2.7	17
116	Pressure Wave Reflections, Central Blood Pressure, and Aortic Stiffness in Patients With Adamantiades-Behcetâ€™s DiseaseA Cross-Sectional Case-Control Study Underlining the Role of Chronic Corticosteroid Treatment. American Journal of Hypertension, 2006, 19, 660-666.	2.0	16
117	Atherosclerotic risk factors and carotid stiffness in elderly asymptomatic HD patients. International Urology and Nephrology, 2007, 38, 801-809.	1.4	16
118	Subclinical femoral atheromatosis in rheumatoid arthritis: comparable prevalence to diabetes mellitus in a case-control study. Annals of the Rheumatic Diseases, 2012, 71, 1534-1536.	0.9	16
119	Intact Calibers of Retinal Vessels in Patients with Systemic Sclerosis. Journal of Rheumatology, 2015, 42, 608-613.	2.1	16
120	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.	1.8	16
121	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.	0.9	16
122	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, 803-808.	2.7	15
123	Heat therapy: an ancient concept reâ€examined in the era of advanced biomedical technologies. Journal of Physiology, 2016, 594, 7141-7142.	2.9	15
124	Ultrasound-based stroke/cardiovascular risk stratification using Framingham Risk Score and ASCVD Risk Score based on â€œIntegrated Vascular Ageâ€•instead of â€œChronological Ageâ€• a multi-ethnic study of Asian Indian, Caucasian, and Japanese cohorts. Cardiovascular Diagnosis and Therapy, 2020, 10, 939-954.	1.7	15
125	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.	0.9	15
126	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, 2367.	2.7	15

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127	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.	2.7	15
128	COVLIAS 1.0Lesion vs. MedSeg: An Artificial Intelligence Framework for Automated Lesion Segmentation in COVID-19 Lung Computed Tomography Scans. Diagnostics, 2022, 12, 1283.	2.7	15
129	Arterial Wave Reflections Are Associated With Left Ventricular Diastolic Dysfunction in Adamantiades-BehÃ§et's Disease. Journal of Cardiac Failure, 2006, 12, 458-463.	1.7	14
130	From â€˜optimalâ€™ to â€˜borderlineâ€™ blood pressure in subjects under chronic antihypertensive therapy. Journal of Hypertension, 2008, 26, 138-144.	0.5	13
131	Arterial Stiffness Mapping. Journal of the American College of Cardiology, 2014, 63, 1748-1750.	2.8	13
132	Current Data on Dietary Sodium, Arterial Structure and Function in Humans: A Systematic Review. Nutrients, 2020, 12, 5.	4.1	13
133	PCSK9/LDLR System and Rheumatoid Arthritis-Related Atherosclerosis. Frontiers in Cardiovascular Medicine, 2021, 8, 738764.	2.5	13
134	Twenty-Fourâ€“Hour Central (Aortic) Systolic Blood Pressure: Reference Values and Dipping Patterns in Untreated Individuals. Hypertension, 2022, 79, 251-260.	2.8	13
135	Closer to Noninvasive Out-of-Office Aortic Blood Pressure Assessment. Hypertension, 2011, 58, 765-767.	2.8	12
136	Blood Pressure and Allâ€Cause Mortality by Level of Cognitive Function in the Elderly: Results From a Populationâ€Based Study in Rural Greece. Journal of Clinical Hypertension, 2017, 19, 161-169.	2.0	11
137	Central Blood Pressure Under Angiotensin and Calcium Channel Blockade. Hypertension, 2009, 54, 704-706.	2.8	10
138	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, 144-148.	1.8	10
139	Associations Between Dietary Patterns and Skin Microcirculation in Healthy Subjects. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 463-469.	2.4	10
140	First in vivo application and evaluation of a novel method for non-invasive estimation of cardiac output. Medical Engineering and Physics, 2014, 36, 1352-1357.	1.7	10
141	Mechanisms of pulse pressure amplification dipping pattern during sleep time: the SAFAR study. Journal of the American Society of Hypertension, 2018, 12, 117-127.	2.3	10
142	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.	3.3	10
143	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.	1.8	10
144	Genetic variations of the endothelial nitric oxide synthase gene are related to increased levels of C-reactive protein and macrophage-colony stimulating-factor in patients with coronary artery disease. Thrombosis and Haemostasis, 2006, 96, 520-528.	3.4	9

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145	Radial late-SBP as a surrogate for central SBP. Journal of Hypertension, 2011, 29, 676-681.	0.5	9
146	Comparison Study of Central Blood Pressure and Wave Reflection Obtained From Tonometry-Based Devices. American Journal of Hypertension, 2013, 26, 34-41.	2.0	9
147	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.	1.8	9
148	Increased Neutrophil Extracellular Traps Related to Smoking Intensity and Subclinical Atherosclerosis in Patients with Type 2 Diabetes. Thrombosis and Haemostasis, 2020, 120, 1587-1589.	3.4	9
149	24â€hour aortic blood pressure variability showed a stronger association with carotid damage than 24â€hour brachial blood pressure variability: The <scp>SAFAR</scp> study. Journal of Clinical Hypertension, 2018, 20, 499-507.	2.0	8
150	Aortic Ambulatory Blood Pressure Monitoring and Target Organ Damage: Are the Data Really Conflicting?. American Journal of Hypertension, 2018, 31, 1260-1262.	2.0	8
151	Levels of dietary sodium intake: diverging associations with arterial stiffness and atheromatosis. Hellenic Journal of Cardiology, 2021, 62, 439-446.	1.0	8
152	Differences in pulse pressure day variability between the brachial artery and the aorta in healthy subjects. Artery Research, 2012, 6, 34.	0.6	7
153	Phenotypes of office systolic blood pressure according to both brachial and aortic measurements. Journal of Hypertension, 2016, 34, 1325-1330.	0.5	7
154	Evidence on Blood Pressure Measurement Methodology and Clinical Implementation. Journal of the American College of Cardiology, 2017, 70, 587-589.	2.8	7
155	Validation of non-invasive central blood pressure devices: Artery society task force (abridged) consensus statement on protocol standardization. Artery Research, 2017, 20, 35.	0.6	7
156	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.	2.2	7
157	Sex differences in ambulatory blood pressure levels, control, and phenotypes of hypertension in kidney transplant recipients. Journal of Hypertension, 2022, 40, 356-363.	0.5	7
158	Deep Learning Paradigm for Cardiovascular Disease/Stroke Risk Stratification in Parkinsonâ€™s Disease Affected by COVID-19: A Narrative Review. Diagnostics, 2022, 12, 1543.	2.7	7
159	In vivo evaluation of a novel â€˜diastole-patchingâ€™ algorithm for the estimation of pulse transit time: advancing the precision in pulse wave velocity measurement. Physiological Measurement, 2015, 36, 149-161.	2.1	6
160	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.	1.3	6
161	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.	2.7	6
162	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.	2.9	6

#	Article	IF	Citations
163	Arterial stiffness and Chlamydia pneumoniae infection in coronary artery disease. Is there a link?. Scandinavian Cardiovascular Journal, 2006, 40, 285-290.	1.2	5
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