Athanasios D Protogerou

List of Publications by Year
in descending order

221 papers	9,222 citations	57758 44 h-index	48315 88 g-index
222 all docs	222 docs citations	222 times ranked	10346 citing authors

#	Article	IF	Citations
1	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
2	Dietary sodium estimation methods: accuracy and limitations of old and new methods in individuals at high cardiovascular risk. Public Health Nutrition, 2022, 25, 866-878.	2.2	2
3	Dietary sugars and subclinical vascular damage in moderate-to-high cardiovascular risk adults. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 98-108.	2.6	1
4	Twenty-Fourâ€“Hour Central (Aortic) Systolic Blood Pressure: Reference Values and Dipping Patterns in Untreated Individuals. Hypertension, 2022, 79, 251-260.	2.7	13
5	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, , HYPERTENSIONAHA12117906.	2.7	1
6	Late-Night Overeating or Low-Quality Food Choices Late at Night Are Associated with Subclinical Vascular Damage in Patients at Increased Cardiovascular Risk. Nutrients, 2022, 14, 470.	4.1	3
7	Cardiovascular disease detection using machine learning and carotid/femoral arterial imaging frameworks in rheumatoid arthritis patients. Rheumatology International, 2022, 42, 215-239.	3.0	18
8	Assessing Staffâ€™s and Stroke Patientsâ€™ Experiences in 8 Hospitals in Greece: Results from a Prospective Multi-Center Study (â€œSUN4Patientsâ€). Studies in Health Technology and Informatics, 2022, 289, 392-396.	0.3	0
9	A Powerful Paradigm for Cardiovascular Risk Stratification Using Multiclass, Multi-Label, and Ensemble-Based Machine Learning Paradigms: A Narrative Review. Diagnostics, 2022, 12, 722.	2.6	20
10	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
11	Ambulatory measurement of pulsatile hemodynamics. , 2022, , 125-135.		0
12	MO087: Ambulatory Blood Pressure Trajectories and Blood Pressure Variability in Kidney Transplant Recipients: A Comparative Study Against Hemodialysis Patients. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
13	MO081: Ambulatory Blood Pressure Trajectories and Blood Pressure Variability in Kidney Transplant Recipients: A Comparative Study Against Chronic Kidney Disease Patients. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
14	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.	2.6	15
15	COVLIAS 1.0Lesion vs. MedSeg: An Artificial Intelligence Framework for Automated Lesion Segmentation in COVID-19 Lung Computed Tomography Scans. Diagnostics, 2022, 12, 1283.	2.6	15
16	Deep Learning Paradigm for Cardiovascular Disease/Stroke Risk Stratification in Parkinsonâ€™s Disease Affected by COVID-19: A Narrative Review. Diagnostics, 2022, 12, 1543.	2.6	7
17	COVLIAS 2.0-cXAI: Cloud-Based Explainable Deep Learning System for COVID-19 Lesion Localization in Computed Tomography Scans. Diagnostics, 2022, 12, 1482.	2.6	23
18	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

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19	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.	2.6	2
20	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
21	Adoption of the SAMe-TT2R2 score in older patients with atrial fibrillation. Hellenic Journal of Cardiology, 2021, 62, 386-388.	1.0	0
22	Levels of dietary sodium intake: diverging associations with arterial stiffness and atheromatosis. Hellenic Journal of Cardiology, 2021, 62, 439-446.	1.0	8
23	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
24	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.	7.0	46
25	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.	1.8	1
26	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.	1.1	4
27	Reply to: â€œLevels of dietary sodium intake: diverging associations with arterial stiffness and atheromatosis. Concerns about the evidence review and methodsâ€. Hellenic Journal of Cardiology, 2021, 63, 94-94.	1.0	0
28	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.	2.9	29
29	â€˜Apples to orangesâ€™ and â€˜Less is moreâ€™. Journal of Hypertension, 2021, 39, 1262-1264.	0.5	1
30	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
31	Dietary sodium and cardiovascular morbidity/mortality. Journal of Hypertension, 2021, Publish Ahead of Print, 2335-2343.	0.5	2
32	Does Sodium Intake Induce Systemic Inflammatory Response? A Systematic Review and Meta-Analysis of Randomized Studies in Humans. Nutrients, 2021, 13, 2632.	4.1	4
33	Commentary on â€œLifestyle Interventions Reduce the Need for Guideline-Directed Antihypertensive Medicationâ€. American Journal of Hypertension, 2021, 34, 1034-1036.	2.0	0
34	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.	2.2	3
35	COVLIAS 1.0: Lung Segmentation in COVID-19 Computed Tomography Scans Using Hybrid Deep Learning Artificial Intelligence Models. Diagnostics, 2021, 11, 1405.	2.6	38
36	Habitual consumption of instant coffee is favorably associated with arterial stiffness but not with atheromatosis. Clinical Nutrition ESPEN, 2021, 45, 363-368.	1.2	3

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37	PCSK9/LDLR System and Rheumatoid Arthritis-Related Atherosclerosis. Frontiers in Cardiovascular Medicine, 2021, 8, 738764.	2.4	13
38	Inter-Variability Study of COVLIAS 1.0: Hybrid Deep Learning Models for COVID-19 Lung Segmentation in Computed Tomography. Diagnostics, 2021, 11, 2025.	2.6	20
39	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.	2.6	15
40	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.	6.3	23
41	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
42	Current Data on Dietary Sodium, Arterial Structure and Function in Humans: A Systematic Review. Nutrients, 2020, 12, 5.	4.1	13
43	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.	7.0	52
44	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.	7.0	79
45	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.	7.0	34
46	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
47	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
48	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
49	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
50	Cardiovascular risk assessment in patients with rheumatoid arthritis using carotid ultrasound B-mode imaging. Rheumatology International, 2020, 40, 1921-1939.	3.0	25
51	Pulsatile and steadyâ€štate 24â€hour hemodynamics in adolescents and young adults: The next steps ahead. Journal of Clinical Hypertension, 2020, 22, 1797-1799.	2.0	2
52	Cardiovascular/stroke risk predictive calculators: a comparison between statistical and machine learning models. Cardiovascular Diagnosis and Therapy, 2020, 10, 919-938.	1.7	46
53	Historical and Epidemiological study of malaria cases of the "Refugee Hospital" in Veria in the context of Anti-Malaria Battle in Greece (1926â€“1940). Heliyon, 2020, 6, e04996.	3.2	2
54	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.	7.0	42

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55	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
56	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.	2.1	7
57	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
58	Genetically Predicted Blood Pressure Across the Lifespan. Hypertension, 2020, 76, 953-961.	2.7	21
59	Arterial Stiffness in Hypertension and Function of Large Arteries. American Journal of Hypertension, 2020, 33, 291-296.	2.0	51
60	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
61	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
62	Low-cost preventive screening using carotid ultrasound in patients with diabetes. Frontiers in Bioscience - Landmark, 2020, 25, 1132-1171.	3.0	29
63	Integration of cardiovascular risk assessment with COVID-19 using artificial intelligence. Reviews in Cardiovascular Medicine, 2020, 21, 541.	1.4	24
64	The impact of manual quality control review on the feasibility of central ambulatory blood pressure monitoring. Journal of Hypertension, 2020, 38, 776.	0.5	2
65	Response to: â€˜Is miR200b-5p a new predictor of lymphoma or associated with lymphocytes infiltrate within salivary glands?â€™ by Nocturne et al. Annals of the Rheumatic Diseases, 2019, 78, e96-e96.	0.9	0
66	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.	1.5	4
67	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
68	Association of Estimated Pulse Wave Velocity With Survival. JAMA Network Open, 2019, 2, e1912831.	5.9	113
69	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.	3.2	10
70	Assessing blood pressure and arterial aging in pharmaciesâ€"New hope for blood pressure control in the community?. Journal of Clinical Hypertension, 2019, 21, 822-824.	2.0	1
71	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
72	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

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73	The present and future of deep learning in radiology. European Journal of Radiology, 2019, 114, 14-24.	2.6	229
74	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.	7.0	30
75	AB0527â€...PREDICTIVE VALUE OF MIR200B-5P IN THE LYMPHOMAGENESIS IN SJÃ–GRENâ€™S SYNDROME (SS): COMPARISON WITH THE PUBLISHED PREDICTION MODELS. PRELIMINARY RESULTS. , 2019, , .		0
76	A clinical score for prediction of elevated aortic stiffness. Journal of Hypertension, 2019, 37, 339-346.	0.5	18
77	Left ventricular hypertrophy, arterial stiffness and blood pressure. Journal of Hypertension, 2019, 37, 280-281.	0.5	1
78	Determinants of pulse pressure amplification in hypertensive and diabetic patients. Hypertension Research, 2019, 42, 374-384.	2.7	5
79	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.	7.0	38
80	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
81	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.	0.8	0
82	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
83	Aortic systolic pressure derived with different calibration methods. Blood Pressure Monitoring, 2018, 23, 134-140.	0.8	22
84	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
85	Accelerated atheromatosis and arteriosclerosis in primary systemic vasculitides: current evidence and future perspectives. Current Opinion in Rheumatology, 2018, 30, 36-43.	4.3	20
86	Determinants of the aortic pulse wave velocity index in hypertensive and diabetic patients. Journal of Hypertension, 2018, 36, 2324-2332.	0.5	22
87	Interaction Between Hypertension and Arterial Stiffness. Hypertension, 2018, 72, 796-805.	2.7	189
88	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
89	Pulse pressure amplification and cardiac autonomic dysfunction in patients with type 2 diabetes mellitus. Journal of Human Hypertension, 2018, 32, 531-539.	2.2	5
90	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

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91	Systemic Inflammatory Response and Atherosclerosis: The Paradigm of Chronic Inflammatory Rheumatic Diseases. International Journal of Molecular Sciences, 2018, 19, 1890.	4.1	121
92	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
93	The Role of Colchicine in the Treatment of Autoinflammatory Diseases. Current Pharmaceutical Design, 2018, 24, 690-694.	1.9	33
94	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.	0.8	1
95	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
96	Subclinical atherosclerosis in Systemic Lupus Erythematosus: Comparable risk with Diabetes Mellitus and Rheumatoid Arthritis. Autoimmunity Reviews, 2017, 16, 308-312.	5.8	83
97	Retinal vascular calibers in contemporary patients with chronic systemic inflammatory diseases: The Greek REtinal Microcirculation (GREM) study. Artery Research, 2017, 18, 1.	0.6	5
98	Validation of non-invasive central blood pressure devices: ARTERY Society task force consensus statement on protocol standardization. European Heart Journal, 2017, 38, 2805-2812.	2.2	175
99	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
100	Antihypertensive treatment-induced changes in arterial stiffness. Journal of Hypertension, 2017, 35, 721-725.	0.5	3
101	Pulse wave velocity and cardiac autonomic function in type 2 diabetes mellitus. BMC Endocrine Disorders, 2017, 17, 27.	2.2	21
102	Reply to: â€œConsiderations about: â€œPrevalence of hypertension and hypertension phenotypes by age and gender among schoolchildren in Greece: The Healthy Growth Studyâ€â€. Atherosclerosis, 2017, 261, 167-168.	0.8	0
103	Atherosclerosis is not accelerated in rheumatoid arthritis of low activity or remission, regardless of antirheumatic treatment modalities. Rheumatology, 2017, 56, 934-939.	1.9	34
104	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.	6.2	21
105	Twenty-four-hour aortic ambulatory blood pressure monitoring and target organ damage. Journal of Hypertension, 2017, 35, 2323.	0.5	1
106	Evidence on Blood Pressure Measurement Methodology and Clinical Implementation. Journal of the American College of Cardiology, 2017, 70, 587-589.	2.8	7
107	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
108	Advanced statistical methodologies to address inherent study limitations. Author Response to Ayubi and Saeid. Journal of Clinical Hypertension, 2017, 19, 923-924.	2.0	0

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109	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
110	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
111	Reply. Journal of Hypertension, 2017, 35, 894-896.	0.5	2
112	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.	1.8	19
113	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
114	Patient Management of Hypertensive Subjects without and with Diabetes Mellitus Type II. Medical Clinics of North America, 2017, 101, 159-167.	2.5	2
115	Non-invasive vascular biomarkers in patients with BehÃ§et's disease: review of the data and future perspectives. Clinical and Experimental Rheumatology, 2017, 35 Suppl 108, 100-107.	0.8	2
116	Milestones in the history of diabetes mellitus: The main contributors. World Journal of Diabetes, 2016, 7, 1.	3.5	126
117	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
118	Phenotypes of office systolic blood pressure according to both brachial and aortic measurements. Journal of Hypertension, 2016, 34, 1325-1330.	0.5	7
119	Heat therapy: an ancient concept reâ€examined in the era of advanced biomedical technologies. Journal of Physiology, 2016, 594, 7141-7142.	2.9	15
120	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
121	Central Blood Pressure Measurement. , 2016, , 49-58.		0
122	Twenty-Four-Hour Ambulatory Pulse Wave Analysis in Hypertension Management: Current Evidence and Perspectives. Current Hypertension Reports, 2016, 18, 72.	3.5	47
123	Mean Arterial Pressure Estimation by a Non-Traditional Formula and Fractional Pulse Pressure. Journal of the American College of Cardiology, 2016, 68, 668-669.	2.8	3
124	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
125	Retinal microcirculation in association with caffeinated and alcoholic drinks in subjects at increased cardiovascular risk. Microcirculation, 2016, 23, 591-596.	1.8	5
126	Methodology and technology for peripheral and central blood pressure and blood pressure variability measurement. Journal of Hypertension, 2016, 34, 1665-1677.	0.5	118

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127	Comorbidity of Cognitive Impairment and Late-Life Depression Increase Mortality. Journal of Geriatric Psychiatry and Neurology, 2016, 29, 195-204.	2.3	72
128	Pulse Pressure and Pulse Pressure Amplification as Biomarkers in Cardiovascular Disease. , 2016, , 917-933.		1
129	Arterial Stiffness and Incidence of Systolic Hypertension: The End to the â€œChickenâ€Eggâ€•Question?. Journal of Clinical Hypertension, 2015, 17, 592-593.	2.0	1
130	The Keithâ€“Wagenerâ€“Barker and Mitchellâ€“Wong grading systems for hypertensive retinopathy. Journal of Hypertension, 2015, 33, 2303-2309.	0.5	24
131	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
132	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.	6.1	187
133	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
134	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
135	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
136	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
137	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.	2.2	24
138	Intact Calibers of Retinal Vessels in Patients with Systemic Sclerosis. Journal of Rheumatology, 2015, 42, 608-613.	2.0	16
139	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
140	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.	0.7	35
141	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.	2.0	43
142	Pulse Pressure and Pulse Pressure Amplification as Biomarkers in Cardiovascular Disease. , 2015, , 1-17.		0
143	Associations Between Dietary Patterns and Skin Microcirculation in Healthy Subjects. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 463-469.	2.4	10
144	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.	3.1	60

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145	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
146	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
147	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
148	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
149	Arterial Stiffness Mapping. Journal of the American College of Cardiology, 2014, 63, 1748-1750.	2.8	13
150	De-stiffening Strategy, Sodium Balance, and Blockade of the Reninâ€“Angiotensin System. , 2014, , 519-529.		0
151	Pulse Pressure Amplification and Arterial Stiffness in Middle Age. , 2014, , 281-295.		0
152	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
153	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.	3.5	39
154	Prognosis in the hospitalized very elderly: The PROTEGER study. International Journal of Cardiology, 2013, 168, 2714-2719.	1.7	25
155	Acute effects of beer on endothelial function and hemodynamics: AÂsingle-blind, crossover study in healthy volunteers. Nutrition, 2013, 29, 1122-1126.	2.4	37
156	Central hemodynamic modifications in diabetes mellitus. Atherosclerosis, 2013, 230, 315-321.	0.8	39
157	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.	1.7	82
158	Isolated systolic hypertension. Journal of Hypertension, 2013, 31, 655-658.	0.5	19
159	Myocardial ischaemia without obstructive coronary artery disease in rheumatoid arthritis: hypothesis-generating insights from a cross-sectional study. Rheumatology, 2013, 52, 76-80.	1.9	33
160	Aortic Stiffness and Incident Hypertension. JAMA - Journal of the American Medical Association, 2013, 309, 29.	7.4	2
161	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
162	Characteristics of pulse wave velocity in elastic and muscular arteries. Journal of Hypertension, 2013, 31, 554-559.	0.5	54

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