Seamus P Whelton

List of Publications by Year
in descending order

90 papers	4,182 citations	172457 29 h-index	114465 63 g-index
92 all docs	92 docs citations	92 times ranked	6436 citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Aerobic Exercise on Blood Pressure. Annals of Internal Medicine, 2002, 136, 493.	3.9	1,374
2	Effect of dietary fiber intake on blood pressure: a meta-analysis of randomized, controlled clinical trials. Journal of Hypertension, 2005, 23, 475-481.	0.5	370
3	Performance and Limitations of Administrative Data in the Identification of AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 682-689.	4.5	148
4	Sex differences in calcified plaque and long-term cardiovascular mortality: observations from the CAC Consortium. European Heart Journal, 2018, 39, 3727-3735.	2.2	141
5	Association of Normal Systolic Blood Pressure Level With Cardiovascular Disease in the Absence of Risk Factors. JAMA Cardiology, 2020, 5, 1011.	6.1	125
6	Association Between Resting Heart Rate and Inflammatory Biomarkers (High-Sensitivity C-Reactive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Journal of Cardiology, 2014, 113, 644-649.	1.6	91
7	Rationale and Design of the Henry Ford ExercIse Testing Project (The <scp>FIT</scp> Project). Clinical Cardiology, 2014, 37, 456-461.	1.8	89
8	NH 2 -Terminal Proâ€"Brain Natriuretic Peptide and Risk of Diabetes. Diabetes, 2013, 62, 3189-3193.	0.6	86
9	Association of Resting Heart Rate With Carotid and Aortic Arterial Stiffness. Hypertension, 2013, 62, 477-484.	2.7	80
10	Sex Differences in Cardiorespiratory Fitness and All-Cause Mortality. Mayo Clinic Proceedings, 2016, 91, 755-762.	3.0	72
11	A Clinician's Guide to Healthy Eating for Cardiovascular Disease Prevention. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2019, 3, 251-267.	2.4	72
12	Physical Fitness and Hypertension in a Population at Risk for Cardiovascular Disease: The Henry Ford ExercIse Testing (FIT) Project. Journal of the American Heart Association, 2014, 3, e001268.	3.7	71
13	Rationale and design of the coronary artery calcium consortium: A multicenter cohort study. Journal of Cardiovascular Computed Tomography, 2017, 11, 54-61.	1.3	71
14	Prognostic Value of Exercise Capacity in Patients With Coronary Artery Disease. Mayo Clinic Proceedings, 2014, 89, 1644-1654.	3.0	64
15	All-cause mortality by age and gender based on coronary artery calcium scores. European Heart Journal Cardiovascular Imaging, 2016, 17, 1305-1314.	1.2	57
16	Identification of Incident CKD Stage 3 in Research Studies. American Journal of Kidney Diseases, 2014, 64, 214-221.	1.9	56
17	US Hypertension Management Guidelines: A Review of the Recent Past and Recommendations for the Future. Journal of the American Heart Association, 2015, 4, .	3.7	54
18	Relation of Resting Heart Rate to Risk for All-Cause Mortality by Gender After considering Exercise Capacity (the Henry Ford Exercise Testing Project). American Journal of Cardiology, 2014, 114, 1701-1706.	1.6	53

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19	Usefulness of Regional Distribution of Coronary Artery Calcium to Improve the Prediction of All-Cause Mortality. American Journal of Cardiology, 2015, 115, 1229-1234.	1.6	51
20	Comparing Risk Scores in the Prediction of Coronary and Cardiovascular Deaths. JACC: Cardiovascular Imaging, 2021, 14, 411-421.	5.3	46
21	Kidney Failure and ESRD in the Atherosclerosis Risk in Communities (ARIC) Study: Comparing Ascertainment of Treated and Untreated Kidney Failure in a Cohort Study. American Journal of Kidney Diseases, 2015, 66, 231-239.	1.9	42
22	Exercise Capacity and the Obesity Paradox in Heart Failure: The FIT (Henry Ford Exercise Testing) Project. Mayo Clinic Proceedings, 2018, 93, 701-708.	3.0	38
23	Distribution of Coronary Artery Calcium by Age, Sex, and Race Among Patients 30-45 Years Old. Journal of the American College of Cardiology, 2022, 79, 1873-1886.	2.8	38
24	Predictors of Long-Term Healthy Arterial Aging. JACC: Cardiovascular Imaging, 2015, 8, 1393-1400.	5.3	37
25	Evaluating the atherogenic burden of individuals with a Friedewald-estimated low-density lipoprotein cholesterol <70 mg/dL compared with a novel low-density lipoprotein estimation method. Journal of Clinical Lipidology, 2017, 11, 1065-1072.	1.5	37
26	Impact of Novel Low-Density Lipoprotein-Cholesterol Assessment on the Utility of Secondary Non-High-Density Lipoprotein-C and Apolipoprotein B Targets in Selected Worldwide Dyslipidemia Guidelines. Circulation, 2018, 138, 244-254.	1.6	34
27	Elevated High-Sensitivity C-Reactive Protein as a Risk Marker of the Attenuated Relationship Between Serum Cholesterol and Cardiovascular Events at Older Age. American Journal of Epidemiology, 2013, 178, 1076-1084.	3.4	31
28	Role of Coronary Artery Calcium for Stratifying Cardiovascular Risk in Adults With Hypertension. Hypertension, 2019, 73, 983-989.	2.7	31
29	Ultra-High-Resolution Coronary CT Angiography for Assessment of Patients with Severe Coronary Artery Calcification: Initial Experience. Radiology: Cardiothoracic Imaging, 2021, 3, e210053.	2.5	31
30	Modeling the Recommended Age for Initiating Coronary Artery Calcium Testing Among At-Risk Young Adults. Journal of the American College of Cardiology, 2021, 78, 1573-1583.	2.8	31
31	Coronary artery calcium and the competing long-term risk of cardiovascular vs. cancer mortality: the CAC Consortium. European Heart Journal Cardiovascular Imaging, 2019, 20, 389-395.	1.2	30
32	Dual versus single antiplatelet therapy after coronary artery bypass graft surgery: An updated meta-analysis. International Journal of Cardiology, 2018, 269, 80-88.	1.7	28
33	Coronary artery calcium scoring in low risk patients with family history of coronary heart disease: Validation of the SCCT guideline approach in the coronary artery calcium consortium. Journal of Cardiovascular Computed Tomography, 2019, 13, 21-25.	1.3	28
34	Sex Differences in Coronary Artery Calcium and Mortality From Coronary Heart Disease, Cardiovascular Disease, and All Causes in Adults With Diabetes: The Coronary Calcium Consortium. Diabetes Care, 2020, 43, 2597-2606.	8.6	27
35	Orthostatic Change in Blood Pressure and Incidence of Atrial Fibrillation: Results from a Bi-Ethnic Population Based Study. PLoS ONE, 2013, 8, e79030.	2.5	25
36	The relationship between coronary artery calcium score and the long-term mortality among patients with minimal or absent coronary artery risk factors. International Journal of Cardiology, 2015, 185, 275-281.	1.7	25

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37	High-Sensitivity Cardiac Troponin T (hs-cTnT) as a Predictor of Incident Diabetes in the Atherosclerosis Risk in Communities Study. Diabetes Care, 2017, 40, 261-269.	8.6	25
38	Novel Findings From a Metabolomics Study of Left Ventricular Diastolic Function: The Bogalusa Heart Study. Journal of the American Heart Association, 2020, 9, e015118.	3.7	25
39	Clinician's Guide to the Updated ABCs of Cardiovascular Disease Prevention. Journal of the American Heart Association, 2014, 3, e001098.	3.7	24
40	A cohort study and meta-analysis of isolated diastolic hypertension: searching for a threshold to guide treatment. European Heart Journal, 2021, 42, 2119-2129.	2.2	24
41	Mean Versus Peak Coronary Calcium Density on Non-Contrast CT. JACC: Cardiovascular Imaging, 2022, 15, 489-500.	5.3	20
42	Evolving Role of Calcium Density in Coronary Artery Calcium Scoring andÂAtherosclerotic Cardiovascular Disease Risk. JACC: Cardiovascular Imaging, 2022, 15, 1648-1662.	5.3	20
43	Predicting Long-Term Absence of Coronary Artery Calcium in Metabolic Syndrome and Diabetes. JACC: Cardiovascular Imaging, 2021, 14, 219-229.	5.3	19
44	Race/Ethnicity and Prevalence of Aortic Stenosis by Echocardiography in the Multi-Ethnic Study of Atherosclerosis. Journal of the American College of Cardiology, 2021, 78, 195-197.	2.8	18
45	Prognostic significance of aortic valve calcium in relation to coronary artery calcification for long-term, cause-specific mortality: results from the CAC Consortium. European Heart Journal Cardiovascular Imaging, 2021, 22, 1257-1263.	1.2	18
46	Coronary Artery Calcium and Primary Prevention Risk Assessment: What Is the Evidence?. Circulation: Cardiovascular Quality and Outcomes, 2012, 5, 601-607.	2.2	15
47	Pseudouridine and N-formylmethionine associate with left ventricular mass index: Metabolome-wide association analysis of cardiac remodeling. Journal of Molecular and Cellular Cardiology, 2020, 140, 22-29.	1.9	15
48	Coronary Artery Calcium as a Synergistic Tool for the Ageâ€and Sexâ€Specific Risk of Cardiovascular and Cancer Mortality: The Coronary Artery Calcium Consortium. Journal of the American Heart Association, 2020, 9, e015306.	3.7	15
49	Higher cardiorespiratory fitness predicts long-term survival in patients with heart failure and preserved ejection fraction: the Henry Ford Exercise Testing (FIT) Project. Archives of Medical Science, 2019, 15, 350-358.	0.9	14
50	Decreased public pursuit of cancer-related information during the COVID-19 pandemic in the United States. Cancer Causes and Control, 2021, 32, 577-585.	1.8	14
51	Atherosclerotic cardiovascular disease events among statin eligible individuals with and without long-term healthy arterial aging. Atherosclerosis, 2021, 326, 56-62.	0.8	13
52	Resting heart rate and the incidence and progression of valvular calcium: The Multi-Ethnic Study of Atherosclerosis (MESA). Atherosclerosis, 2018, 273, 45-52.	0.8	12
53	Association of BMI, Fitness, and Mortality in Patients With Diabetes: Evaluating the Obesity Paradox in the Henry Ford Exercise Testing Project (FIT Project) Cohort. Diabetes Care, 2020, 43, 677-682.	8.6	12
54	Coronary Artery Calcium and the Age-Specific Competing Risk of Cardiovascular Versus Cancer Mortality: The Coronary Artery Calcium Consortium. American Journal of Medicine, 2020, 133, e575-e583.	1.5	12

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55	Stratifying cardiovascular risk in diabetes: The role of diabetes-related clinical characteristics and imaging. Journal of Diabetes and Its Complications, 2016, 30, 1408-1415.	2.3	11
56	Fasting or Non-fasting Lipids for Atherosclerotic Cardiovascular Disease Risk Assessment and Treatment?. Current Atherosclerosis Reports, 2018, 20, 14.	4.8	11
57	Coronary Artery Calcium for Risk Stratification of Sudden Cardiac Death. JACC: Cardiovascular Imaging, 2022, 15, 1259-1270.	5.3	11
58	Multidisciplinary prevention and management strategies for colorectal cancer and cardiovascular disease. European Journal of Internal Medicine, 2021, 87, 3-12.	2.2	10
59	Effect of Beta-Blocker Therapy, Maximal Heart Rate, and Exercise Capacity During Stress Testing on Long-Term Survival (from The Henry Ford Exercise Testing Project). American Journal of Cardiology, 2016, 118, 1751-1757.	1.6	9
60	Left Ventricular Mass Index Is Associated With Cognitive Function in Middle-Age. Circulation: Cardiovascular Imaging, 2020, 13, e010335.	2.6	9
61	The Journal of Cardiovascular Computed Tomography: 2020 Year in review. Journal of Cardiovascular Computed Tomography, 2021, 15, 180-189.	1.3	9
62	Early Contributors to Healthy Arterial Aging Versus Premature Atherosclerosis in Young Adults: The Bogalusa Heart Study. Journal of the American Heart Association, 2021, 10, e020774.	3.7	8
63	Beyond the Headlines. Circulation, 2017, 135, 3-4.	1.6	7
64	Coronary artery calcium is associated with increased risk for lung and colorectal cancer in men and women: the Multi-Ethnic Study of Atherosclerosis (MESA). European Heart Journal Cardiovascular Imaging, 2022, 23, 708-716.	1.2	7
65	Fitness and Mortality Among Persons 70 Years and Older Across the Spectrum of Cardiovascular Disease Risk Factor Burden: The FIT Project. Mayo Clinic Proceedings, 2021, 96, 2376-2385.	3.0	7
66	Risk Markers for Limited Coronary Artery Calcium in Persons With Significant Aortic Valve Calcium (From the Multi-ethnic Study of Atherosclerosis). American Journal of Cardiology, 2021, 156, 58-64.	1.6	7
67	Aortic valve calcium scoring on cardiac computed tomography: Ready for clinical use?. Journal of Cardiovascular Computed Tomography, 2019, 13, 297-298.	1.3	6
68	A Cardio-Oncology Cardiovascular Prevention Framework. JACC: CardioOncology, 2019, 1, 252-255.	4.0	6
69	Associations between lipids and subclinical coronary atherosclerosis. Aids, 2019, 33, 1053-1061.	2.2	6
70	Pooled cohort equations heart failure risk score predicts cardiovascular disease and all-cause mortality in a nationally representative sample of US adults. BMC Cardiovascular Disorders, 2020, 20, 202.	1.7	6
71	Pooled Cohort Equations and the competing risk of cardiovascular disease versus cancer: Multi-Ethnic study of atherosclerosis. American Journal of Preventive Cardiology, 2021, 7, 100212.	3.0	6
72	The Journal of Cardiovascular Computed Tomography year in review â€" 2019. Journal of Cardiovascular Computed Tomography, 2020, 14, 107-117.	1.3	5

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73	Dyslipidemia Management for Secondary Prevention in Women with Cardiovascular Disease: What Can We Expect From Nonpharmacologic Strategies?. Current Cardiovascular Risk Reports, 2012, 6, 443-449.	2.0	4
74	Inflammation and Cardiovascular Disease Risk: A Case Study of HIV and Inflammatory Joint Disease. American Journal of Medicine, 2018, 131, 442.e1-442.e8.	1.5	4
75	Greater IL-6, D-dimer, and ICAM-1 Levels Are Associated With Lower Small HDL Particle Concentration in the Multicenter AIDS Cohort Study. Open Forum Infectious Diseases, 2019, 6, ofz474.	0.9	4
76	Advances in Genomics Research of Blood Pressure Responses to Dietary Sodium and Potassium Intakes. Hypertension, 2021, 78, 4-15.	2.7	4
77	Coronary artery calcium is associated with long-term mortality from lung cancer: Results from the Coronary Artery Calcium Consortium. Atherosclerosis, 2021, , .	0.8	4
78	Observational and Genetic Associations of Resting Heart Rate With Aortic Valve Calcium. American Journal of Cardiology, 2018, 121, 1246-1252.	1.6	3
79	Relation of Isolated Low High-Density Lipoprotein Cholesterol to Mortality and Cardiorespiratory Fitness (from the Henry Ford Exercise Testing Project [FIT Project]). American Journal of Cardiology, 2019, 123, 1429-1434.	1.6	3
80	Consumption of animal and plant foods and risk of left ventricular diastolic dysfunction: the Bogalusa Heart Study. ESC Heart Failure, 2020, 7, 2700-2710.	3.1	3
81	Coronary Atherosclerosis Across the Continuum of Blood Pressure. American Journal of Hypertension, 2021, 34, 799-800.	2.0	2
82	Discordantly normal ApoB relative to elevated LDL-C in persons with metabolic disorders: A marker of atherogenic heterogeneity. American Journal of Preventive Cardiology, 2021, 7, 100190.	3.0	2
83	Importance of traditional cardiovascular risk factors for identifying high-risk persons in early adulthood. European Heart Journal, 2022, , .	2.2	2
84	Dietary and Lifestyle Modification for the Prevention and Treatment of Hypertension. Current Cardiovascular Risk Reports, 2021, 15, 1.	2.0	1
85	Race modifies the association between animal protein metabolite 1-methylhistidine and blood pressure in middle-aged adults: the Bogalusa Heart Study. Journal of Hypertension, 2020, 38, 2435-2442.	0.5	1
86	Response to Importance of Pressure Pulse Amplification in the Association of Resting Heart Rate and Arterial Stiffness. Hypertension, 2013, 62, e47.	2.7	0
87	Perioperative Î²-Blockers Revisited. JAMA Internal Medicine, 2014, 174, 345.	5.1	0
88	Improving Cardiovascular Disease Risk Prediction With Albuminuria and Glomerular Filtration Rate. American Journal of Kidney Diseases, 2016, 67, 179-181.	1.9	0
89	Coronary Artery Calcium Scoring in 2019: Past, Present, and Future. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.6	0
90	Non-statin lipid lowering and coronary plaque composition. Journal of Cardiovascular Computed Tomography, 2019, 13, 301-302.	1.3	0