Steven Shea

List of Publications by Year
in descending order

84 papers	11,181 citations	109321 35 h-index	62596 80 g-index
85 all docs	85 docs citations	85 times ranked	12950 citing authors

#	Article	IF	Citations
1	Multi-Ethnic Study of Atherosclerosis: Objectives and Design. American Journal of Epidemiology, 2002, 156, 871-881.	3.4	3,068
2	Coronary Calcium as a Predictor of Coronary Events in Four Racial or Ethnic Groups. New England Journal of Medicine, 2008, 358, 1336-1345.	27.0	2,498
3	Coronary Artery Calcification Compared With Carotid Intima-Media Thickness in the Prediction of Cardiovascular Disease Incidence<subtitle>The Multi-Ethnic Study of Atherosclerosis (MESA)</subtitle>. Archives of Internal Medicine, 2008, 168, 1333.	3.8	635
4	10-Year Coronary Heart Disease RiskÂPrediction Using Coronary Artery Calcium and Traditional Risk Factors. Journal of the American College of Cardiology, 2015, 66, 1643-1653.	2.8	490
5	Ten-year association of coronary artery calcium with atherosclerotic cardiovascular disease (ASCVD) events: the multi-ethnic study of atherosclerosis (MESA). European Heart Journal, 2018, 39, 2401-2408.	2.2	383
6	Progression of Coronary Calcium and Incident Coronary Heart Disease Events. Journal of the American College of Cardiology, 2013, 61, 1231-1239.	2.8	341
7	A Randomized Trial Comparing Telemedicine Case Management with Usual Care in Older, Ethnically Diverse, Medically Underserved Patients with Diabetes Mellitus: 5 Year Results of the IDEATel Study. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 446-456.	4.4	295
8	A Randomized Trial Comparing Telemedicine Case Management with Usual Care in Older, Ethnically Diverse, Medically Underserved Patients with Diabetes Mellitus. Journal of the American Medical Informatics Association: JAMIA, 2006, 13, 40-51.	4.4	278
9	Dietary lipids and antioxidants in Parkinson's disease: A population€based, case€control study. Annals of Neurology, 1996, 39, 89-94.	5.3	263
10	Cardiovascular events with absent or minimal coronary calcification: The Multi-Ethnic Study of Atherosclerosis (MESA). American Heart Journal, 2009, 158, 554-561.	2.7	215
11	Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. Lancet, The, 2019, 394, 2173-2183.	13.7	177
12	Age-related variations in the methylome associated with gene expression in human monocytes and T cells. Nature Communications, 2014, 5, 5366.	12.8	168
13	Columbia University's Informatics for Diabetes Education and Telemedicine (IDEATel) Project: Rationale and Design. Journal of the American Medical Informatics Association: JAMIA, 2002, 9, 49-62.	4.4	162
14	Association of CMR-Measured LA Function With Heart Failure Development. JACC: Cardiovascular Imaging, 2014, 7, 570-579.	5.3	154
15	Sleep Duration and Quality in Relation to Autonomic Nervous System Measures: The Multi-Ethnic Study of Atherosclerosis (MESA). Sleep, 2016, 39, 1927-1940.	1.1	121
16	Prevalence and Correlates of Myocardial Scar in a US Cohort. JAMA - Journal of the American Medical Association, 2015, 314, 1945.	7.4	111
17	Comparison of Cardiovascular and Safety Outcomes of Chlorthalidone vs Hydrochlorothiazide to Treat Hypertension. JAMA Internal Medicine, 2020, 180, 542.	5.1	97
18	Cholesterol Mass Efflux Capacity, Incident Cardiovascular Disease, and Progression of Carotid Plaque. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 89-96.	2.4	91

#	ARTICLE	IF	CITATIONS
19	Adverse Left Ventricular Remodeling and Age Assessed with Cardiac MR Imaging: The Multi-Ethnic Study of Atherosclerosis. Radiology, 2016, 278, 714-722.	7.3	76
20	Association of Sleep Duration and Quality With Alterations in the Hypothalamic-Pituitary Adrenocortical Axis: The Multi-Ethnic Study of Atherosclerosis (MESA). Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3149-3158.	3.6	71
21	Mediterranean diet pattern and sleep duration and insomnia symptoms in the Multi-Ethnic Study of Atherosclerosis. Sleep, 2018, 41, .	1.1	71
22	Accelerating the Use of Electronic Health Records in Physician Practices. New England Journal of Medicine, 2010, 362, 192-195.	27.0	68
23	Left Atrial Mechanical Function and Incident Ischemic Cerebrovascular Events Independent of AF. JACC: Cardiovascular Imaging, 2019, 12, 2417-2427.	5.3	68
24	Association of Longitudinal Changes in Left Ventricular Structure and Function With Myocardial Fibrosis. Hypertension, 2014, 64, 508-515.	2.7	67
25	Comparative First-Line Effectiveness and Safety of ACE (Angiotensin-Converting Enzyme) Inhibitors and Angiotensin Receptor Blockers: A Multinational Cohort Study. Hypertension, 2021, 78, 591-603.	2.7	63
26	Objectively measured sleep characteristics and prevalence of coronary artery calcification: the Multi-Ethnic Study of Atherosclerosis Sleep study. Thorax, 2015, 70, 880-887.	5.6	62
27	Incident Cardiovascular Disease Among Adults With Blood Pressure <140/90 mmâ€°Hg. Circulation, 2017, 136, 798-812.	1.6	60
28	Transcriptomic profiles of aging in purified human immune cells. BMC Genomics, 2015, 16, 333.	2.8	58
29	Histamine H 2 Receptor Antagonists, LeftÂVentricular Morphology, and HeartÂFailureÂRisk. Journal of the American College of Cardiology, 2016, 67, 1544-1552.	2.8	54
30	Obesity, Fasting Plasma Insulin, and Câ€Reactive Protein Levels in Healthy Children. Obesity, 2003, 11, 95-103.	4.0	50
31	Assessment of Coronary Artery Calcium Scoring to Guide Statin Therapy Allocation According to Risk-Enhancing Factors. JAMA Cardiology, 2021, 6, 1161.	6.1	46
32	Change in left atrial function predicts incident atrial fibrillation: the Multi-Ethnic Study of Atherosclerosis. European Heart Journal Cardiovascular Imaging, 2019, 20, 979-987.	1.2	43
33	Association between diet quality and sleep apnea in the Multi-Ethnic Study of Atherosclerosis. Sleep, 2019, 42, .	1.1	40
34	Racial and Ethnic Differences in All-Cause and Cardiovascular Disease Mortality: The MESA Study. Circulation, 2022, 146, 229-239.	1.6	39
35	Associations of socioeconomic and psychosocial factors with urinary measures of cortisol and catecholamines in the Multi-Ethnic Study of Atherosclerosis (MESA). Psychoneuroendocrinology, 2014, 41, 132-141.	2.7	38
36	Race, Ancestry, and Vitamin D Metabolism: The Multi-Ethnic Study of Atherosclerosis. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4337-e4350.	3.6	38

#	Article	IF	Citations
37	Obstructive Sleep Apnea and Progression of Coronary Artery Calcium: The Multi‐Ethnic Study of Atherosclerosis Study. Journal of the American Heart Association, 2014, 3, e001241.	3.7	37
38	Social Impact Analysis of the Effects of a Telemedicine Intervention to Improve Diabetes Outcomes in an Ethnically Diverse, Medically Underserved Population: Findings From the IDEATel Study. American Journal of Public Health, 2013, 103, 1888-1894.	2.7	36
39	Basic vs More Complex Definitions of Family History in the Prediction of Coronary Heart Disease: The Multi-Ethnic Study of Atherosclerosis. Mayo Clinic Proceedings, 2018, 93, 1213-1223.	3.0	33
40	Significance of a Positive Family History for Coronary Heart Disease in Patients With a Zero Coronary Artery Calcium Score (from the Multi-Ethnic Study of Atherosclerosis). American Journal of Cardiology, 2014, 114, 1210-1214.	1.6	32
41	Rapid westernization of children's blood cholesterol in 3 countries: evidence for nutrient-gene interactions?. American Journal of Clinical Nutrition, 2000, 72, 1266s-1274s.	4.7	30
42	Socioeconomic Status and Poor Health Outcome at 10 Years of Follow-Up in the Multi-Ethnic Study of Atherosclerosis. PLoS ONE, 2016, 11, e0165651.	2.5	26
43	Association of Asymptomatic Bradycardia With Incident Cardiovascular Disease and Mortality. JAMA Internal Medicine, 2016, 176, 219.	5.1	25
44	Relations of Plasma Fibrinogen Level in Children to Measures of Obesity, the (G-455Â A) Mutation in the Â-Fibrinogen Promoter Gene, and Family History of Ischemic Heart Disease: The Columbia University BioMarkers Study. American Journal of Epidemiology, 1999, 150, 737-746.	3.4	24
45	The Informatics for Diabetes and Education Telemedicine (IDEATel) project. Transactions of the American Clinical and Climatological Association, 2007, 118, 289-304.	0.5	23
46	Poverty and health in West Germany. International Journal of Public Health, 1997, 42, 276-285.	2.6	22
47	Depression and Clinical Inertia in Patients With Uncontrolled Hypertension. JAMA Internal Medicine, 2014, 174, 818.	5.1	22
48	Determinants of Incident Atherosclerotic Cardiovascular Disease Events Among Those With Absent Coronary Artery Calcium: Multi-Ethnic Study of Atherosclerosis. Circulation, 2022, 145, 259-267.	1.6	21
49	Association of Brain Volumes and White Matter Injury With Race, Ethnicity, and Cardiovascular Risk Factors: The Multi‐Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2022, 11, e023159.	3.7	21
50	Reduced long axis strain is associated with heart failure and cardiovascular events in the multi‐ethnic study of Atherosclerosis. Journal of Magnetic Resonance Imaging, 2016, 44, 178-185.	3.4	20
51	Comprehensive Comparative Effectiveness and Safety of First-Line β-Blocker Monotherapy in Hypertensive Patients. Hypertension, 2021, 77, 1528-1538.	2.7	20
52	Antihypertensive medication class and pulse pressure in the elderly: analysis based on the third National Health and Nutrition Examination Survey. American Journal of Medicine, 2003, 115, 536-542.	1.5	18
53	Fasting Plasma Insulin Modulates Lipid Levels and Particle Sizes in 2‐to 3‐Year‐Old Children. Obesity, 2003, 11, 709-721.	4.0	17
54	High perceived social support protects against the intergenerational transmission of obesity: The Cardiovascular Risk in Young Finns Study. Preventive Medicine, 2016, 90, 79-85.	3.4	17

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55	Spatially Weighted Coronary Artery Calcium Score and Coronary Heart Disease Events in the Multi-Ethnic Study of Atherosclerosis. Circulation: Cardiovascular Imaging, 2021, 14, e011981.	2.6	16
56	Depression is not associated with diabetes control in minority elderly. Journal of Diabetes and Its Complications, 2014, 28, 798-804.	2.3	15
57	Factors of health in the protection against death and cardiovascular disease among adults with subclinical atherosclerosis. American Heart Journal, 2018, 198, 180-188.	2.7	14
58	Myocardial fibrosis by T1 mapping magnetic resonance imaging predicts incident cardiovascular events and all-cause mortality: the Multi-Ethnic Study of Atherosclerosis. European Heart Journal Cardiovascular Imaging, 2022, 23, 1407-1416.	1.2	13
59	Family status and self-reported health in West Germany. International Journal of Public Health, 1998, 43, 124-132.	2.6	10
60	Electrocardiographic abnormalities and coronary artery calcium for coronary heart disease prediction and reclassification: The Multi-Ethnic Study of Atherosclerosis (MESA). American Heart Journal, 2014, 168, 391-397.	2.7	9
61	Influenza Vaccination Beliefs and Practices in Elderly Primary Care Patients. Journal of Community Health, 2018, 43, 201-206.	3.8	9
62	Collagen biomarkers predict new onset of hypertension in normotensive participants. Journal of Hypertension, 2018, 36, 2245-2250.	0.5	9
63	Change in NT-proBNP (N-Terminal Pro-B-Type Natriuretic Peptide) Level and Risk of Dementia in Multi-Ethnic Study of Atherosclerosis (MESA). Hypertension, 2020, 75, 316-323.	2.7	9
64	Health delivery system changes required when integrating telemedicine into existing treatment flows of information and patients. Journal of Telemedicine and Telecare, 2006, 12, 85-90.	2.7	8
65	Effect of Physical Activity on the Relation Between Psychosocial Factors and Cardiovascular Events (from the Multi-Ethnic Study of Atherosclerosis). American Journal of Cardiology, 2016, 117, 1545-1551.	1.6	8
66	Cholesterol mass efflux capacity and risk of peripheral artery disease: The Multi-Ethnic Study of Atherosclerosis. Atherosclerosis, 2020, 297, 81-86.	0.8	8
67	Sleep duration and vascular inflammation using hybrid positron emission tomography/magnetic resonance imaging: results from the Multi-Ethnic Study of Atherosclerosis. Journal of Clinical Sleep Medicine, 2021, 17, 2009-2018.	2.6	7
68	Atrial Fibrillation, Silent Cerebral Ischemia, and Cognitive Function. Journal of the American College of Cardiology, 2013, 62, 1998-1999.	2.8	6
69	Factors associated with willingness to participate in a vaccine clinical trial among elderly Hispanic patients. Contemporary Clinical Trials Communications, 2017, 7, 122-125.	1.1	6
70	The Association Between Social Support, Body Mass Index and Increased Risk of Prediabetes: the Cardiovascular Risk in Young Finns Study. International Journal of Behavioral Medicine, 2017, 24, 161-170.	1.7	6
71	Relations Between Depressive Symptoms, Anxiety, and T Wave Abnormalities in Subjects Without Clinically-Apparent Cardiovascular Disease (from the Multi-Ethnic Study of Atherosclerosis [MESA]). American Journal of Cardiology, 2014, 114, 1917-1922.	1.6	5
72	Long-Term Risk Prediction for Heart Failure, Disparities, and Early Prevention. Circulation Research, 2022, 130, 210-212.	4.5	3

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73	Assessing bowel preparation quality using the mean number of adenomas per colonoscopy. Therapeutic Advances in Gastroenterology, 2014, 7, 238-246.	3.2	2
74	Association of C2, a derivative of the radial artery pressure waveform, with new onset of type 2 diabetes mellitus: the MESA study. Cardiovascular Diabetology, 2019, 18, 62.	6.8	2
75	Educational Inequalities in Cardiovascular Risk Factor and Blood Pressure Control in the Elderly: Comparison of MESA Cohort and Chilean NHS Survey Outcome Measures. Global Heart, 2018, 13, 19.	2.3	2
76	Estimating Systolic Blood Pressure Intervention Trial Participant Posttrial Survival Using Pooled Epidemiologic Cohort Data. Journal of the American Heart Association, 2021, 10, e020361.	3.7	2
77	The Retail Outlet Health Kiosk Hypertension Trial (ROKHYT): Pilot Results. American Journal of Hypertension, 2021, , .	2.0	2
78	Is Omicron Showing Us the Path Ahead?. American Journal of Public Health, 2022, , e1-e2.	2.7	2
79	Cost-effectiveness of masked hypertension screening and treatment in US adults with suspected masked hypertension â€" a simulation study. American Journal of Hypertension, 0, , .	2.0	2
80	Response to Hudgel: Poor diet, poor sleep in sleep apnea, which is the cart and which is the horse?. Sleep, 2019, 42, .	1.1	1
81	Chlorthalidone and Hydrochlorothiazide for Treatment of Patients With Hypertensionâ€"Reply. JAMA Internal Medicine, 2020, 180, 1133.	5.1	1
82	CARDIOVASCULAR HEALTH AND SUCCESSFUL AGING: THE MULTI-ETHNIC STUDY OF ATHEROSCLEROSIS. Innovation in Aging, 2019, 3, S644-S645.	0.1	0
83	Abstract P273: The Association of Obstructive Sleep Apnea on Cardiac Parasympathetic Responses During Stress Testing: The Multi-Ethnic Study of Atherosclerosis (MESA). Circulation, 2019, 139, .	1.6	0
84	Abstract 13463: Left Atrioventricular Coupling Index as a Prognostic Marker: The Multi-ethnic Study of Atherosclerosis. Circulation, 2020, 142, .	1.6	0