

Matthew J Budoff

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

1,149
papers

53,902
citations

114
h-index

193
g-index

1,411
ext. papers

65,297
ext. citations

5
avg, IF

7.47
L-index

#	Paper	IF	Citations
1149	Performance and Integration of Smartphone Wireless ECG Monitoring into the Enterprise Electronic Health Record: First Clinical Experience.. <i>Clinical Medicine Insights: Case Reports</i> , 2022 , 15, 117954762110691	8.8	0
1148	Association of Coronary Artery Calcium Density and Volume with Predicted Atherosclerotic Cardiovascular Disease Risk and Cardiometabolic Risk Factors in South Asians: The Mediators of Atherosclerosis in South Asians Living in America (MASALA) Study.. <i>Current Problems in Cardiology</i> , 2022 , 101105	17.1	0
1147	Arterial stiffness and left ventricular structure assessed by cardiac computed tomography in a multiethnic population.. <i>Journal of Cardiovascular Medicine</i> , 2022 , 23, 228-233	1.9	0
1146	Cardiac CT angiography in current practice: An American society for preventive cardiology clinical practice statement.. <i>American Journal of Preventive Cardiology</i> , 2022 , 9, 100318	1.9	4
1145	Prognostic Value of Serial Coronary CT Angiography in Atherosclerotic Plaque Modification: What have we learnt?. <i>Current Cardiovascular Imaging Reports</i> , 2022 , 15, 1	0.7	0
1144	Relationship between genomic risk scores (GRS) and coronary artery calcium (CAC) score: A pilot study.. <i>Clinical Nutrition ESPEN</i> , 2022 , 47, 293-298	1.3	0
1143	Cardiovascular risk score associations with frailty in men and women with or at risk for HIV.. <i>Aids</i> , 2022 , 36, 237-347	3.5	0
1142	Prognostic Value of Coronary Artery Calcium 2022 , 95-110		
1141	Treatment With Icosapent Ethyl to Reduce Ischemic Events in Patients With Prior Percutaneous Coronary Intervention: Insights From REDUCE-IT PCI.. <i>Journal of the American Heart Association</i> , 2022 , e022937	6	3
1140	Favorable Cardiovascular Health Is Associated With Lower Prevalence, Incidence, Extent, and Progression of Extracoronary Calcification: MESA.. <i>Circulation: Cardiovascular Imaging</i> , 2022 , 15, e013762	3.9	0
1139	Association of HIV Serostatus and Inflammation With Ascending Aortic Size.. <i>Journal of the American Heart Association</i> , 2022 , e023997	6	1
1138	Cardiometabolic disorders, inflammation and the incidence of non-alcoholic fatty liver disease: A longitudinal study comparing lean and non-lean individuals.. <i>PLoS ONE</i> , 2022 , 17, e0266505	3.7	0
1137	Lipoprotein oxidation may underlie the paradoxical association of low cholesterol with coronary atherosclerotic risk in rheumatoid arthritis.. <i>Journal of Autoimmunity</i> , 2022 , 129, 102815	15.5	0
1136	Atherosclerotic cardiovascular disease risk assessment: An American Society for Preventive Cardiology clinical practice statement.. <i>American Journal of Preventive Cardiology</i> , 2022 , 10, 100335	1.9	3
1135	Computed tomography of the aorta 2022 , 77-90		
1134	Outcomes With Intermediate Left Main Disease: Analysis From the ISCHEMIA Trial.. <i>Circulation: Cardiovascular Interventions</i> , 2022 , CIRCINTERVENTIONS121010925	6	1
1133	Distribution of Coronary Artery Calcium by Age, Sex, and Race Among Patients 30-45 Years Old.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1873-1886	15.1	1

1132	Trimethylamine N-oxide and hip fracture and bone mineral density in older adults: The cardiovascular health study.. <i>Bone</i> , 2022 , 116431	4.7	1
1131	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry.. <i>Radiology: Cardiothoracic Imaging</i> , 2022 , 4, e210225	8.3	1
1130	Association of Trimethylamine N-Oxide and Metabolites With Mortality in Older Adults.. <i>JAMA Network Open</i> , 2022 , 5, e2213242	10.4	0
1129	The Lipid Energy Model: Reimagining Lipoprotein Function in the Context of Carbohydrate-Restricted Diets. <i>Metabolites</i> , 2022 , 12, 460	5.6	1
1128	Hepatocyte growth factor is associated with greater risk of extracoronary calcification: results from the multiethnic study of atherosclerosis. <i>Open Heart</i> , 2022 , 9, e001971	3	1
1127	DCRM Multispecialty Practice Recommendations for the management of diabetes, cardiorenal, and metabolic diseases.. <i>Journal of Diabetes and Its Complications</i> , 2021 , 36, 108101	3.2	2
1126	Risk of Atherosclerotic Cardiovascular Disease and Nonatherosclerotic Cardiovascular Disease Hospitalizations for Triglycerides Across Chronic Kidney Disease Stages Among 2.9 Million US Veterans. <i>Journal of the American Heart Association</i> , 2021 , 10, e022988	6	0
1125	Association of inflammatory markers and lipoprotein particle subclasses with progression of coronary artery calcium: The multi-ethnic study of atherosclerosis. <i>Atherosclerosis</i> , 2021 , 339, 27-34	3.1	1
1124	Associations of adipokine levels with the prevalence and extent of valvular and thoracic aortic calcification: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Atherosclerosis</i> , 2021 , 338, 15-22	3.1	0
1123	Use of Advanced CT Technology to Evaluate Left Atrial Indices in Patients with a High Heart Rate or with Heart Rate Variability: The Converge Registry. <i>Journal of Nuclear Medicine Technology</i> , 2021 , 49, 65-69	1.1	
1122	De-risking primary prevention: role of imaging. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2021 , 15, 17539447211051248	3.4	1
1121	Clonal Hematopoiesis Is More Common in People Living with HIV and May be Associated with Increased Prevalence of Cardiovascular Disease. <i>Blood</i> , 2021 , 138, 4298-4298	2.2	
1120	Trends in utilization of Coronary CT Angiography in patients presenting with acute chest pain in United States: An analysis of the National Emergency Database. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 ,	2.8	1
1119	The association of adipose tissue area with subclinical coronary atherosclerosis progression in men with and without HIV. <i>Aids</i> , 2021 , 35, 2549-2551	3.5	
1118	Modeling the Recommended Age for Initiating Coronary Artery Calcium Testing Among At-Risk Young Adults. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1573-1583	15.1	4
1117	Comparative Reductions in Investigator-Reported and Adjudicated Ischemic Events in REDUCE-IT. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 1525-1537	15.1	6
1116	Reply: Prognostic Role of Pericardial Fat on the Incidence of Heart Failure. <i>Journal of the American College of Cardiology</i> , 2021 , 78, e113-e115	15.1	
1115	Novel use of coronary artery calcium scoring. <i>Coronary Artery Disease</i> , 2021 , 32, 86-87	1.4	

1114	Icosapent Ethyl Reduces Ischemic Events in Patients With a History of Previous Coronary Artery Bypass Grafting: REDUCE-IT CABG. <i>Circulation</i> , 2021 , 144, 1845-1855	16.7	10
1113	Benefits of Icosapent Ethyl Across the Range of Kidney Function in Patients With Established Cardiovascular Disease or Diabetes: REDUCE-IT RENAL. <i>Circulation</i> , 2021 , 144, 1750-1759	16.7	8
1112	Deep neural survival networks for cardiovascular risk prediction: The Multi-Ethnic Study of Atherosclerosis (MESA). <i>Computers in Biology and Medicine</i> , 2021 , 139, 104983	7	2
1111	Coronary Artery Calcium and CT Angiography. <i>Contemporary Cardiology</i> , 2021 , 585-603	0.1	
1110	Role of CT Coronary Calcium Scanning and Angiography in Evaluation of Cardiovascular Risk. <i>Contemporary Cardiology</i> , 2021 , 417-439	0.1	
1109	Comparative differences in the atherosclerotic disease burden between the epicardial coronary arteries: quantitative plaque analysis on coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 322-330	4.1	3
1108	Prognostic significance of aortic valve calcium in relation to coronary artery calcification for long-term, cause-specific mortality: results from the CAC Consortium. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1257-1263	4.1	4
1107	Coronary Artery Disease in Patients with HIV Infection: An Update. <i>American Journal of Cardiovascular Drugs</i> , 2021 , 21, 411-417	4	5
1106	Associations Between HIV Serostatus and Cardiac Structure and Function Evaluated by 2-Dimensional Echocardiography in the Multicenter AIDS Cohort Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e019709	6	6
1105	A cohort study and meta-analysis of isolated diastolic hypertension: searching for a threshold to guide treatment. <i>European Heart Journal</i> , 2021 , 42, 2119-2129	9.5	7
1104	Hepatic Fat in Participants With and Without Incident Diabetes in the Diabetes Prevention Program Outcome Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4746-e4765	5.6	0
1103	Efficacy and Safety of Ertugliflozin in Patients with Type 2 Diabetes Inadequately Controlled by Metformin and Sulfonylurea: A Sub-Study of VERTIS CV. <i>Diabetes Therapy</i> , 2021 , 12, 1279-1297	3.6	4
1102	Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1072-1082	4.1	3
1101	Prevalence of normal coronary arteries by coronary computed tomography angiography (CCTA) in patients with type 2 diabetes mellitus from Semaglutide Treatment on Coronary Plaque Progression (STOP) trial. <i>Journal of Diabetes and Its Complications</i> , 2021 , 35, 107840	3.2	3
1100	Ventricular ectopy and arrhythmia by HIV serostatus, viremia, and CD4+ cell count. <i>Aids</i> , 2021 , 35, 846-849	3.5	0
1099	The co-existence of diabetes and subclinical atherosclerosis in rural central Appalachia: Do residential characteristics matter?. <i>Journal of Diabetes and Its Complications</i> , 2021 , 35, 107851	3.2	0
1098	Allele-specific variation at APOE increases nonalcoholic fatty liver disease and obesity but decreases risk of Alzheimer's disease and myocardial infarction. <i>Human Molecular Genetics</i> , 2021 , 30, 1443-1456	5.6	5
1097	Very High Coronary Artery Calcium (≥ 1000) and Association With Cardiovascular Disease Events, Non-Cardiovascular Disease Outcomes, and Mortality: Results From MESA. <i>Circulation</i> , 2021 , 143, 1571-1583	16.7	13

1096	Association of Carotid Artery Plaque With Cardiovascular Events and Incident Coronary Artery Calcium in Individuals With Absent Coronary Calcification: The MESA. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e011701	3.9	5
1095	EPA's pleiotropic mechanisms of action: a narrative review. <i>Postgraduate Medicine</i> , 2021 , 133, 651-664	3.7	5
1094	The EVAPORATE trial provides important mechanistic data on plaque characteristics that have relevance to the REDUCE-IT results and clinical use of icosapent ethyl. <i>European Heart Journal</i> , 2021 , 42, 3025-3026	9.5	2
1093	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. <i>Atherosclerosis</i> , 2021 , 324, 46-51	3.1	6
1092	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPD Gene Cohort. <i>Chest</i> , 2021 , 160, 1245-1254	5.3	0
1091	Utilizing coronary artery calcium to guide statin use. <i>Atherosclerosis</i> , 2021 , 326, 17-24	3.1	2
1090	Atherosclerotic cardiovascular disease events among statin eligible individuals with and without long-term healthy arterial aging. <i>Atherosclerosis</i> , 2021 , 326, 56-62	3.1	1
1089	Effect of body mass index on bone mineral density is age-specific. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 1767-1773	4.5	2
1088	Ten things to know about ten imaging studies: A preventive cardiology perspective ("ASPC top ten imaging"). <i>American Journal of Preventive Cardiology</i> , 2021 , 6, 100176	1.9	3
1087	Comparison of the Relation of Carotid Intima-Media Thickness With Incident Heart Failure With Reduced Versus Preserved Ejection Fraction (from the Multi-Ethnic Study of Atherosclerosis [MESA]). <i>American Journal of Cardiology</i> , 2021 , 148, 102-109	3	0
1086	Pericardial Fat and the Risk of Heart Failure. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2638-2652	13	13
1085	Automated coronary calcium scoring using deep learning with multicenter external validation. <i>Npj Digital Medicine</i> , 2021 , 4, 88	15.7	11
1084	Epicardial Adipose Tissue Volume As a Marker of Subclinical Coronary Atherosclerosis in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2021 , 73, 1412-1420	9.5	0
1083	Quantitative Analysis of Adipose Depots by Using Chest CT and Associations with All-Cause Mortality in Chronic Obstructive Pulmonary Disease: Longitudinal Analysis from MESA Arthritis Ancillary Study. <i>Radiology</i> , 2021 , 299, 703-711	20.5	7
1082	Thoracic Aortic Calcium for the Prediction of Stroke Mortality (from the Coronary Artery Calcium Consortium). <i>American Journal of Cardiology</i> , 2021 , 148, 16-21	3	3
1081	Relation between Retinopathy and Progression of Coronary Artery Calcium in Individuals with Versus Without Diabetes Mellitus (From the Multi-Ethnic Study of Atherosclerosis). <i>American Journal of Cardiology</i> , 2021 , 149, 1-8	3	0
1080	Association Between Omega-3 Fatty Acid Levels and Risk for Incident Major Bleeding Events and Atrial Fibrillation: MESA. <i>Journal of the American Heart Association</i> , 2021 , 10, e021431	6	2
1079	Elevated serum thyrotropin levels and endothelial dysfunction in a prospective hemodialysis cohort. <i>Hemodialysis International</i> , 2021 ,	1.7	1

1078	Rationale and design of the Women's Ischemia Trial to Reduce Events in Nonobstructive CAD (WARRIOR) trial. <i>American Heart Journal</i> , 2021 , 237, 90-103	4.9	13
1077	The role of cardiovascular CT in occupational health assessment for coronary heart disease: An expert consensus document from the Society of Cardiovascular Computed Tomography (SCCT). <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 290-303	2.8	2
1076	Temporal change in inflammatory biomarkers and risk of cardiovascular events: the Multi-ethnic Study of Atherosclerosis. <i>ESC Heart Failure</i> , 2021 , 8, 3769-3782	3.7	1
1075	Comparing Risk Scores in the Prediction of Coronary and Cardiovascular Deaths: Coronary Artery Calcium Consortium. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 411-421	8.4	16
1074	Lipoprotein (a) and risk for calcification of the coronary arteries, mitral valve, and thoracic aorta: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 154-160	2.8	5
1073	Effect of icosapent ethyl on progression of coronary atherosclerosis in patients with elevated triglycerides on statin therapy: a prospective, placebo-controlled randomized trial (EVAPORATE): interim results. <i>Cardiovascular Research</i> , 2021 , 117, 1070-1077	9.9	24
1072	Reduction in Revascularization With Icosapent Ethyl: Insights From REDUCE-IT Revascularization Analyses. <i>Circulation</i> , 2021 , 143, 33-44	16.7	25
1071	Machine Learning Adds to Clinical and CAC Assessments in Predicting 10-Year CHD and CVD Deaths. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 615-625	8.4	11
1070	Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: results from the ICONIC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 24-33	4.1	7
1069	Prognostic value of coronary artery calcium score, area, and density among individuals on statin therapy vs. non-users: The coronary artery calcium consortium. <i>Atherosclerosis</i> , 2021 , 316, 79-83	3.1	7
1068	Association Between Cardiovascular Risk Factors and the Diameter of the Thoracic Aorta in an Asymptomatic Population in the Central Appalachian Region. <i>American Journal of the Medical Sciences</i> , 2021 , 361, 202-207	2.2	0
1067	Impact of age on coronary artery plaque progression and clinical outcome: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 232-239	2.8	2
1066	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 233-242	8.4	14
1065	Life's Simple 7 and Nonalcoholic Fatty Liver Disease: The Multiethnic Study of Atherosclerosis. <i>American Journal of Medicine</i> , 2021 , 134, 519-525	2.4	0
1064	Testosterone use and shorter electrocardiographic QT interval duration in men living with and without HIV. <i>HIV Medicine</i> , 2021 , 22, 418-421	2.7	1
1063	Society of Cardiovascular Computed Tomography / North American Society of Cardiovascular Imaging - Expert Consensus Document on Coronary CT Imaging of Atherosclerotic Plaque. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 93-109	2.8	29
1062	Association of Coronary Calcium, Carotid Wall Thickness, and Carotid Plaque Progression With Low-Density Lipoprotein and High-Density Lipoprotein Particle Concentration Measured by Ion Mobility (From Multiethnic Study of Atherosclerosis [MESA]). <i>American Journal of Cardiology</i> , 2021 , 142, 52-58	3	3
1061	The National Lipid Association scientific statement on coronary artery calcium scoring to guide preventive strategies for ASCVD risk reduction. <i>Journal of Clinical Lipidology</i> , 2021 , 15, 33-60	4.9	33

1060	Discrete subaortic stenosis characterized with ECG-gated cardiac CT: A case series. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, e18-e21	2.8	
1059	A Noncoding Variant Near PPP1R3B Promotes Liver Glycogen Storage and MetS, but Protects Against Myocardial Infarction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 372-387	5.6	3
1058	Where ISCHEMIA fails, coronary CTA shines. <i>International Journal of Cardiology</i> , 2021 , 322, 40-42	3.2	0
1057	COVID-19 IgG/IgM antibody testing in Los Angeles County, California. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 457-459	5.3	1
1056	Beta-2-glycoprotein-I IgA antibodies predict coronary plaque progression in rheumatoid arthritis. <i>Seminars in Arthritis and Rheumatism</i> , 2021 , 51, 20-27	5.3	2
1055	Predicting Long-Term Absence of Coronary Artery Calcium in Metabolic Syndrome and Diabetes: The MESA Study. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 219-229	8.4	7
1054	Warranty Period of a Calcium Score of Zero: Comprehensive Analysis From MESA. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 990-1002	8.4	20
1053	Cardiovascular and All-Cause Mortality Risk by Coronary Artery Calcium Scores and Percentiles Among Older Adult Males and Females. <i>American Journal of Medicine</i> , 2021 , 134, 341-350.e1	2.4	4
1052	Coronary artery calcium score and risk of cardiovascular events without established coronary artery disease: a systemic review and meta-analysis. <i>Coronary Artery Disease</i> , 2021 , 32, 317-328	1.4	2
1051	CT Angiography Followed by Invasive Angiography in Patients With Moderate or Severe Ischemia-Insights From the ISCHEMIA Trial. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1384-1393	8.4	11
1050	The Evolving Role of Omega 3 Fatty Acids in Cardiovascular Disease: Is Icosapent Ethyl the Answer?. <i>Heart International</i> , 2021 , 15, 7	0.3	1
1049	Distribution of calcium volume, density, number, and type of coronary vessel with calcified plaque in South Asians in the US and other race/ethnic groups: The MASALA and MESA studies. <i>Atherosclerosis</i> , 2021 , 317, 16-21	3.1	1
1048	Spatially Weighted Coronary Artery Calcium Score and Coronary Heart Disease Events in the Multi-Ethnic Study of Atherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e011981	3.9	2
1047	Coronary artery calcium score: pivotal role as a predictor for detecting coronary artery disease in symptomatic patients. <i>Coronary Artery Disease</i> , 2021 , 32, 578-585	1.4	2
1046	The quest for cardiovascular disease risk prediction models in patients with nondialysis chronic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2021 , 30, 38-46	3.5	3
1045	Association of psychosocial traits with coronary artery calcium development and progression: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 56-64	2.8	3
1044	Insomnia symptoms and biomarkers of monocyte activation, systemic inflammation, and coagulation in HIV: Veterans Aging Cohort Study. <i>PLoS ONE</i> , 2021 , 16, e0246073	3.7	2
1043	Adipose tissue biomarkers and type 2 diabetes incidence in normoglycemic participants in the MESArthritis Ancillary Study: A cohort study. <i>PLoS Medicine</i> , 2021 , 18, e1003700	11.6	1

1042	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 322-330	2.8	3
1041	Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry. <i>Radiology</i> , 2021 , 300, 79-86	20.5	3
1040	Differential progression of coronary atherosclerosis according to plaque composition: a cluster analysis of PARADIGM registry data. <i>Scientific Reports</i> , 2021 , 11, 17121	4.9	0
1039	Pulmonary Arterial Pruning and Longitudinal Change in Percent Emphysema and Lung Function: The Genetic Epidemiology of COPD Study. <i>Chest</i> , 2021 , 160, 470-480	5.3	2
1038	Association of Tube Voltage With Plaque Composition on Coronary CT Angiography: Results From PARADIGM Registry. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 2429-2440	8.4	0
1037	Bone mineral density and long-term progression of aortic valve and mitral annular calcification: The Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2021 , 335, 126-134	3.1	2
1036	Plaque Character and Progression According to the Location of Coronary Atherosclerotic Plaque. <i>American Journal of Cardiology</i> , 2021 , 158, 15-22	3	1
1035	Coronary Artery Calcium Scoring for Adults at Borderline 10-Year ASCVD Risk: The CAC Consortium. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 537-538	15.1	0
1034	Multiethnic Genome-Wide Association Study of Subclinical Atherosclerosis in Individuals With Type 2 Diabetes. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e003258	5.2	0
1033	Imaging in Coronary Artery Disease Risk Stratification. <i>New England Journal of Medicine</i> , 2021 , 385, 655-657	9.2	1
1032	Current methods to assess mitral annular calcification and its risk factors. <i>Expert Review of Cardiovascular Therapy</i> , 2021 , 19, 787-800	2.5	1
1031	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. <i>JAMA Cardiology</i> , 2021 , 6, 1257-1266	16.2	15
1030	The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. <i>Chest</i> , 2021 , 160, 858-871	5.3	0
1029	Longitudinal Plasma Measures of Trimethylamine N-Oxide and Risk of Atherosclerotic Cardiovascular Disease Events in Community-Based Older Adults. <i>Journal of the American Heart Association</i> , 2021 , 10, e020646	6	8
1028	Short Communication: Plasma Lymphocyte Activation Gene 3 and Subclinical Coronary Artery Disease in the Multicenter AIDS Cohort Study. <i>AIDS Research and Human Retroviruses</i> , 2021 , 37, 842-845	1.6	0
1027	The Miami Heart Study (MiHeart) at Baptist Health South Florida, A prospective study of subclinical cardiovascular disease and emerging cardiovascular risk factors in asymptomatic young and middle-aged adults: The Miami Heart Study: Rationale and Design. <i>American Journal of Preventive Cardiology</i> , 2021 , 7, 100202	1.9	0
1026	Risk Markers for Limited Coronary Artery Calcium in Persons With Significant Aortic Valve Calcium (From the Multi-ethnic Study of Atherosclerosis). <i>American Journal of Cardiology</i> , 2021 , 156, 58-64	3	2
1025	HIV serostatus and incident coronary artery stenosis in men with a baseline zero coronary artery calcium. <i>Aids</i> , 2021 , 35, 2061-2063	3.5	

1024	Implication of thoracic aortic calcification over coronary calcium score regarding the 2018 ACC/AHA Multisociety cholesterol guideline: results from the CAC Consortium. <i>American Journal of Preventive Cardiology</i> , 2021 , 8, 100232	1.9	0
1023	Topological Data Analysis of Coronary Plaques Demonstrates the Natural History of Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1410-1421	8.4	3
1022	New carotid plaque, but not the progression of intima-media thickness, predicts the progression of high-risk coronary plaque. <i>Coronary Artery Disease</i> , 2021 , 32, 554-560	1.4	
1021	Coronary Calcium Scoring in African American and Hispanic Patients. <i>Contemporary Cardiology</i> , 2021 , 183-190	0.1	
1020	Association of coronary artery calcification and thoracic aortic calcification with incident peripheral arterial disease in the Multi-Ethnic Study of Atherosclerosis (MESA).. <i>European Heart Journal Open</i> , 2021 , 1, oeab042		
1019	Coronary Artery Disease Events and Carotid Intima-Media Thickness in Type 1 Diabetes in the DCCT/EDIC Cohort. <i>Journal of the American Heart Association</i> , 2021 , e022922	6	1
1018	Association of Quantified Costal Cartilage Calcification and Long-Term Cumulative Blood Glucose Exposure: The Multi-Ethnic Study of Atherosclerosis.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 785957	5.7	
1017	Machine learning enables new insights into genetic contributions to liver fat accumulation.. <i>Cell Genomics</i> , 2021 , 1,		3
1016	Cardiac Computed Tomography in Cardio-Oncology: Primer.. <i>JACC: CardioOncology</i> , 2021 , 3, 635-649	3.8	2
1015	20-Year trend of high prevalence of zero coronary artery calcium in beach cities of Southern California: A blue zone?. <i>American Journal of Preventive Cardiology</i> , 2020 , 4, 100098	1.9	0
1014	Association between coronary artery calcium and cardiovascular disease as a supporting cause in cancer: The CAC consortium. <i>American Journal of Preventive Cardiology</i> , 2020 , 4, 100119	1.9	2
1013	Associations of HDL Subspecies Defined by ApoC3 with Non-Alcoholic Fatty Liver Disease: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
1012	Association of flow mediated vasodilation and burden of subclinical atherosclerosis by coronary CTA. <i>Atherosclerosis</i> , 2020 , 302, 15-19	3.1	5
1011	Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning. <i>PLoS ONE</i> , 2020 , 15, e0232573	3.7	11
1010	Role of Coronary Artery and Thoracic Aortic Calcium as Risk Modifiers to Guide Antihypertensive Therapy in Stage 1 Hypertension (From the Multiethnic Study of Atherosclerosis). <i>American Journal of Cardiology</i> , 2020 , 126, 45-55	3	4
1009	Longitudinal Measures of Trimethylamine N-oxide and Incident Atherosclerotic Cardiovascular Disease Events in Older Adults: The Cardiovascular Health Study. <i>Current Developments in Nutrition</i> , 2020 , 4, 1434-1434	0.4	2
1008	Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 973-980	4.1	13
1007	Association of high-density lipoprotein levels with baseline coronary plaque volumes by coronary CTA in the EVAPORATE trial. <i>Atherosclerosis</i> , 2020 , 305, 34-41	3.1	5

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1005	Lower Radiation Dosing in Cardiac CT Angiography: The CONVERGE Registry. <i>Journal of Nuclear Medicine Technology</i> , 2020 , 48, 58-62	1.1	4
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1003	Association of Arterial Stiffness With Kidney Function Among Adults Without Chronic Kidney Disease. <i>American Journal of Hypertension</i> , 2020 , 33, 1003-1010	2.3	5
1002	Myocardial crypt, diverticulum, or aneurysm? CTA as an adjudicator. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 2061-2062	2.5	0
1001	Ambient air pollution, traffic proximity and coronary atherosclerotic phenotype in China. <i>Environmental Research</i> , 2020 , 188, 109841	7.9	2
1000	Machine Learning Framework to Identify Individuals at Risk of Rapid Progression of Coronary Atherosclerosis: From the PARADIGM Registry. <i>Journal of the American Heart Association</i> , 2020 , 9, e013958	6	23
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997	Utility of routine non-gated CT chest in detection of subclinical atherosclerotic calcifications of coronary arteries in hospitalised HIV patients. <i>British Journal of Radiology</i> , 2020 , 93, 20190462	3.4	2
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867	A case of isolated right coronary ostial atresia. <i>Coronary Artery Disease</i> , 2019 , 30, 471-472	1.4	
866	Coronary artery calcium as a predictor of coronary heart disease, cardiovascular disease, and all-cause mortality in Asian-Americans: The Coronary Artery Calcium Consortium. <i>Coronary Artery Disease</i> , 2019 , 30, 608-614	1.4	4
865	GlycA, a novel inflammatory marker, is associated with subclinical coronary disease. <i>Aids</i> , 2019 , 33, 547-553	3.3	21
864	The Kronos Early Estrogen Prevention Study (KEEPS): what have we learned?. <i>Menopause</i> , 2019 , 26, 1071-1084	1.5	55
863	Implications of serial coronary computed tomography angiography in the evaluation of coronary plaque progression. <i>Current Opinion in Lipidology</i> , 2019 , 30, 446-451	4.4	6

862	Age- and gender-adjusted percentiles for number of calcified plaques in coronary artery calcium scanning. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 319-324	2.8	1
861	Multisite atherosclerosis in subjects with metabolic syndrome and diabetes and relation to cardiovascular events: The Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2019 , 282, 202-209	3.1	26
860	Longitudinal assessment of coronary plaque volume change related to glycemic status using serial coronary computed tomography angiography: A PARADIGM (Progression of Atherosclerotic PLAque Determined by Computed Tomographic Angiography Imaging) substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 142-147	2.8	17
859	Coronary artery calcium and the competing long-term risk of cardiovascular vs. cancer mortality: the CAC Consortium. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 389-395	4.1	13
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857	Cardio-ankle vascular index and cardiovascular disease: Systematic review and meta-analysis of prospective and cross-sectional studies. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 16-24	2.3	55
856	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1987-1997	8.4	41
855	Effect of statins on atherosclerotic plaque. <i>Trends in Cardiovascular Medicine</i> , 2019 , 29, 451-455	6.9	42
854	Predictors of electrocardiographic QT interval prolongation in men with HIV. <i>Heart</i> , 2019 , 105, 559-565	5.1	21
853	Coronary artery calcification and ethnicity. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 353-359	2.8	7
852	The relationship between endothelial function and aortic valve calcification: Multi-Ethnic Study of Atherosclerosis. <i>Atherosclerosis</i> , 2019 , 280, 155-165	3.1	1
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850	Coronary Artery Calcium Scores and Atherosclerotic Cardiovascular Disease Risk Stratification in Smokers. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 852-861	8.4	12
849	Correlation of Arterial Stiffness With Left Atrial Volume Index and Left Ventricular Mass Index in Young Adults: Evaluation by Coronary Computed Tomography Angiography. <i>Heart Lung and Circulation</i> , 2019 , 28, 932-938	1.8	6
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847	Letter by Shaikh and Budoff Regarding Article, "Multimodality Intracoronary Imaging With Near-Infrared Spectroscopy and Intravascular Ultrasound in Asymptomatic Individuals With High Calcium Scores". <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007370	3.9	
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844	Low thigh muscle mass is associated with coronary artery stenosis among HIV-infected and HIV-uninfected men: The Multicenter AIDS Cohort Study (MACS). <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 131-138	2.8	4
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840	Progression of calcium density in the ascending thoracic aorta is inversely associated with incident cardiovascular disease events. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 1343-1350	4.1	9
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833	The relation of low levels of bone mineral density with coronary artery calcium and mortality. <i>Osteoporosis International</i> , 2018 , 29, 1609-1616	5.3	26
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2	Cardiac CT in the emergency room 31-43		
1	A multi-ancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation. <i>Nature Genetics</i> ,	36.3	2