

Matthew J Budoff

List of Publications by Year in descending order

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Version: 2024-02-01

1,249
papers

74,676
citations

529

127
h-index

1284

225
g-index

1411
all docs

1411
docs citations

1411
times ranked

42526
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Diagnostic Performance of 64-Multidetector Row Coronary Computed Tomographic Angiography for Evaluation of Coronary Artery Stenosis in Individuals Without Known Coronary Artery Disease. Journal of the American College of Cardiology, 2008, 52, 1724-1732. | 2.8 | 1,909 |
| 2 | Assessment of Coronary Artery Disease by Cardiac Computed Tomography. Circulation, 2006, 114, 1761-1791. | 1.6 | 1,260 |
| 3 | Long-Term Prognosis Associated With Coronary Calcification. Journal of the American College of Cardiology, 2007, 49, 1860-1870. | 2.8 | 1,193 |
| 4 | 2010 ACCF/AHA Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults. Journal of the American College of Cardiology, 2010, 56, e50-e103. | 2.8 | 1,150 |
| 5 | HIV Infection and the Risk of Acute Myocardial Infarction. JAMA Internal Medicine, 2013, 173, 614. | 5.1 | 1,074 |
| 6 | 2010 ACCF/AHA Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults. Circulation, 2010, 122, e584-636. | 1.6 | 1,009 |
| 7 | Diagnostic Accuracy of Fractional Flow Reserve From Anatomic CT Angiography. JAMA - Journal of the American Medical Association, 2012, 308, 1237. | 7.4 | 956 |
| 8 | ACCF/AHA 2007 Clinical Expert Consensus Document on Coronary Artery Calcium Scoring By Computed Tomography in Global Cardiovascular Risk Assessment and in Evaluation of Patients With Chest Pain. Journal of the American College of Cardiology, 2007, 49, 378-402. | 2.8 | 891 |
| 9 | Genetic Associations with Valvular Calcification and Aortic Stenosis. New England Journal of Medicine, 2013, 368, 503-512. | 27.0 | 767 |
| 10 | Age- and Sex-Related Differences in All-Cause Mortality Risk Based on Coronary Computed Tomography Angiography Findings. Journal of the American College of Cardiology, 2011, 58, 849-860. | 2.8 | 668 |
| 11 | SCCT guidelines for the interpretation and reporting of coronary computed tomographic angiography. Journal of Cardiovascular Computed Tomography, 2009, 3, 122-136. | 1.3 | 666 |
| 12 | Coronary Artery Calcification Compared With Carotid Intima-Media Thickness in the Prediction of Cardiovascular Disease Incidence–The Multi-Ethnic Study of Atherosclerosis (MESA)–. Archives of Internal Medicine, 2008, 168, 1333. | 3.8 | 635 |
| 13 | From Vulnerable Plaque to Vulnerable Patient–Part III: Executive Summary of the Screening for Heart Attack Prevention and Education (SHAPE) Task Force Report. American Journal of Cardiology, 2006, 98, 2-15. | 1.6 | 594 |
| 14 | Coronary Calcium Score and Cardiovascular Risk. Journal of the American College of Cardiology, 2018, 72, 434-447. | 2.8 | 570 |
| 15 | Diagnostic and Prognostic Value of Absence of Coronary Artery Calcification. JACC: Cardiovascular Imaging, 2009, 2, 675-688. | 5.3 | 562 |
| 16 | ACCF/AHA 2007 Clinical Expert Consensus Document on Coronary Artery Calcium Scoring by Computed Tomography in Global Cardiovascular Risk Assessment and in Evaluation of Patients With Chest Pain. Circulation, 2007, 115, 402-426. | 1.6 | 552 |
| 17 | Vascular Effects of Early versus Late Postmenopausal Treatment with Estradiol. New England Journal of Medicine, 2016, 374, 1221-1231. | 27.0 | 552 |
| 18 | Calcium Density of Coronary Artery Plaque and Risk of Incident Cardiovascular Events. JAMA - Journal of the American Medical Association, 2014, 311, 271. | 7.4 | 500 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | 10-Year Coronary Heart Disease Risk Prediction Using Coronary Artery Calcium and Traditional Risk Factors. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1643-1653. | 2.8 | 490 |
| 20 | CAD-RADSTM Coronary Artery Disease “ Reporting and Data System. An expert consensus document of the Society of Cardiovascular Computed Tomography (SCCT), the American College of Radiology (ACR) and the North American Society for Cardiovascular Imaging (NASCI). Endorsed by the American College of Cardiology. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 269-281. | 1.3 | 480 |
| 21 | Machine learning for prediction of all-cause mortality in patients with suspected coronary artery disease: a 5-year multicentre prospective registry analysis. <i>European Heart Journal</i> , 2017, 38, ehv188. | 2.2 | 447 |
| 22 | Ultrafast Computed Tomography as a Diagnostic Modality in the Detection of Coronary Artery Disease. <i>Circulation</i> , 1996, 93, 898-904. | 1.6 | 434 |
| 23 | Role of Noninvasive Testing in the Clinical Evaluation of Women With Suspected Coronary Artery Disease. <i>Circulation</i> , 2005, 111, 682-696. | 1.6 | 425 |
| 24 | Noninvasive Coronary Artery Imaging. <i>Circulation</i> , 2008, 118, 586-606. | 1.6 | 422 |
| 25 | Prognostic value of coronary calcification and angiographic stenoses in patients undergoing coronary angiography. <i>Journal of the American College of Cardiology</i> , 1996, 27, 285-290. | 2.8 | 421 |
| 26 | An Analysis of Calibration and Discrimination Among Multiple Cardiovascular Risk Scores in a Modern Multiethnic Cohort. <i>Annals of Internal Medicine</i> , 2015, 162, 266-275. | 3.9 | 416 |
| 27 | Association between air pollution and coronary artery calcification within six metropolitan areas in the USA (the Multi-Ethnic Study of Atherosclerosis and Air Pollution): a longitudinal cohort study. <i>Lancet</i> , The, 2016, 388, 696-704. | 13.7 | 404 |
| 28 | High-Sensitivity C-Reactive Protein and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 397-408. | 2.8 | 399 |
| 29 | Impact of Coronary Artery Calcium Scanning on Coronary Risk Factors and Downstream Testing. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1622-1632. | 2.8 | 390 |
| 30 | Implications of Coronary Artery Calcium Testing Among Statin Candidates According to American College of Cardiology/American Heart Association Cholesterol Management Guidelines. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1657-1668. | 2.8 | 389 |
| 31 | Ten-year association of coronary artery calcium with atherosclerotic cardiovascular disease (ASCVD) events: the multi-ethnic study of atherosclerosis (MESA). <i>European Heart Journal</i> , 2018, 39, 2401-2408. | 2.2 | 383 |
| 32 | Absence of Coronary Artery Calcification and All-Cause Mortality. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 692-700. | 5.3 | 382 |
| 33 | Progression of Coronary Artery Calcium Predicts All-Cause Mortality. <i>JACC: Cardiovascular Imaging</i> , 2010, 3, 1229-1236. | 5.3 | 373 |
| 34 | Role of Coronary Artery Calcium Score of Zero and Other Negative Risk Markers for Cardiovascular Disease. <i>Circulation</i> , 2016, 133, 849-858. | 1.6 | 363 |
| 35 | Coronary Calcium Does Not Accurately Predict Near-Term Future Coronary Events in High-Risk Adults. <i>Circulation</i> , 1999, 99, 2633-2638. | 1.6 | 344 |
| 36 | Progression of Coronary Calcium and Incident Coronary Heart Disease Events. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1231-1239. | 2.8 | 341 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Mortality Incidence and the Severity of Coronary Atherosclerosis Assessed by Computed Tomography Angiography. Journal of the American College of Cardiology, 2008, 52, 1335-1343. | 2.8 | 340 |
| 38 | Prognostic Value of Noninvasive Cardiovascular Testing in Patients With Stable Chest Pain. Circulation, 2017, 135, 2320-2332. | 1.6 | 336 |
| 39 | Effects of Statins on Coronary Atherosclerotic Plaques. JACC: Cardiovascular Imaging, 2018, 11, 1475-1484. | 5.3 | 335 |
| 40 | 2010 ACCF/AHA Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults: Executive Summary. Circulation, 2010, 122, 2748-2764. | 1.6 | 333 |
| 41 | Association Between Interstitial Lung Abnormalities and All-Cause Mortality. JAMA - Journal of the American Medical Association, 2016, 315, 672. | 7.4 | 333 |
| 42 | Coronary Calcium Predicts Events Better With Absolute Calcium Scores Than Age-Sex-Race/Ethnicity Percentiles. Journal of the American College of Cardiology, 2009, 53, 345-352. | 2.8 | 330 |
| 43 | Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. Journal of the American College of Cardiology, 2018, 71, 2511-2522. | 2.8 | 328 |
| 44 | Prevalence and Severity of Coronary Artery Disease and Adverse Events Among Symptomatic Patients With Coronary Artery Calcification Scores of Zero Undergoing Coronary Computed Tomography Angiography. Journal of the American College of Cardiology, 2011, 58, 2533-2540. | 2.8 | 321 |
| 45 | American Society of Echocardiography Clinical Recommendations for Multimodality Cardiovascular Imaging of Patients with Hypertrophic Cardiomyopathy. Journal of the American Society of Echocardiography, 2011, 24, 473-498. | 2.8 | 313 |
| 46 | A systematic review: Burden and severity of subclinical cardiovascular disease among those with nonalcoholic fatty liver; Should we care?. Atherosclerosis, 2013, 230, 258-267. | 0.8 | 301 |
| 47 | Associations between C-reactive protein, coronary artery calcium, and cardiovascular events: implications for the JUPITER population from MESA, a population-based cohort study. Lancet, The, 2011, 378, 684-692. | 13.7 | 298 |
| 48 | 2016 SCCT/STR guidelines for coronary artery calcium scoring of noncontrast noncardiac chest CT scans: A report of the Society of Cardiovascular Computed Tomography and Society of Thoracic Radiology. Journal of Cardiovascular Computed Tomography, 2017, 11, 74-84. | 1.3 | 296 |
| 49 | Fibroblast growth factor 23 is not associated with and does not induce arterial calcification. Kidney International, 2013, 83, 1159-1168. | 5.2 | 291 |
| 50 | Testosterone Treatment and Coronary Artery Plaque Volume in Older Men With Low Testosterone. JAMA - Journal of the American Medical Association, 2017, 317, 708. | 7.4 | 289 |
| 51 | Arterial Imaging Outcomes and Cardiovascular Risk Factors in Recently Menopausal Women. Annals of Internal Medicine, 2014, 161, 249. | 3.9 | 274 |
| 52 | Associations Between HIV Infection and Subclinical Coronary Atherosclerosis. Annals of Internal Medicine, 2014, 160, 458. | 3.9 | 271 |
| 53 | Performance of the Traditional Age, Sex, and Angina Typicality-Based Approach for Estimating Pretest Probability of Angiographically Significant Coronary Artery Disease in Patients Undergoing Coronary Computed Tomographic Angiography. Circulation, 2011, 124, 2423-2432. | 1.6 | 263 |
| 54 | Clinical indications for coronary artery calcium scoring in asymptomatic patients: Expert consensus statement from the Society of Cardiovascular Computed Tomography. Journal of Cardiovascular Computed Tomography, 2017, 11, 157-168. | 1.3 | 258 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 55 | Effect of icosapent ethyl on progression of coronary atherosclerosis in patients with elevated triglycerides on statin therapy: final results of the EVAPORATE trial. <i>European Heart Journal</i> , 2020, 41, 3925-3932. | 2.2 | 257 |
| 56 | Continuous Probabilistic Prediction of Angiographically Significant Coronary Artery Disease Using Electron Beam Tomography. <i>Circulation</i> , 2002, 105, 1791-1796. | 1.6 | 255 |
| 57 | HMG CoA reductase inhibitor (statin) and aortic valve calcium. <i>Lancet, The</i> , 2002, 359, 1125-1126. | 13.7 | 255 |
| 58 | CAD-RADS, a Coronary Artery Disease Reporting and Data System. <i>Journal of the American College of Radiology</i> , 2016, 13, 1458-1466.e9. | 1.8 | 251 |
| 59 | Coronary Artery Calcification and Risk of Cardiovascular Disease and Death Among Patients With Chronic Kidney Disease. <i>JAMA Cardiology</i> , 2017, 2, 635. | 6.1 | 251 |
| 60 | Screening patients with chest pain in the emergency department using electron beam tomography: a follow-up study. <i>Journal of the American College of Cardiology</i> , 2001, 38, 105-110. | 2.8 | 250 |
| 61 | Prognostic Value of Coronary CT Angiography and Calcium Score for Major Adverse Cardiac Events in Outpatients. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 990-999. | 5.3 | 250 |
| 62 | Endogenous Sex Hormones and Incident Cardiovascular Disease in Post-Menopausal Women. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2555-2566. | 2.8 | 250 |
| 63 | Impact of coronary artery calcium on coronary heart disease events in individuals at the extremes of traditional risk factor burden: the Multi-Ethnic Study of Atherosclerosis. <i>European Heart Journal</i> , 2014, 35, 2232-2241. | 2.2 | 248 |
| 64 | ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. <i>Circulation</i> , 2010, 121, 2509-2543. | 1.6 | 247 |
| 65 | ACCF/ACR/AHA/NASCI/SAIP/SCAI/SCCT 2010 Expert Consensus Document on Coronary Computed Tomographic Angiography. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2663-2699. | 2.8 | 244 |
| 66 | Hepatitis C Virus Infection and the Risk of Coronary Disease. <i>Clinical Infectious Diseases</i> , 2009, 49, 225-232. | 5.8 | 241 |
| 67 | Atherosclerotic Plaque Characteristics by CT Angiography Identify Coronary Lesions That Cause Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1-10. | 5.3 | 241 |
| 68 | Features of the Metabolic Syndrome and Diabetes Mellitus as Predictors of Aortic Valve Calcification in the Multi-Ethnic Study of Atherosclerosis. <i>Circulation</i> , 2006, 113, 2113-2119. | 1.6 | 238 |
| 69 | Coronary Artery Calcium to Predict All-Cause Mortality in Elderly Men and Women. <i>Journal of the American College of Cardiology</i> , 2008, 52, 17-23. | 2.8 | 235 |
| 70 | Rates of progression of coronary calcium by electron beam tomography. <i>American Journal of Cardiology</i> , 2000, 86, 8-11. | 1.6 | 232 |
| 71 | Framingham risk equation underestimates subclinical atherosclerosis risk in asymptomatic women. <i>Atherosclerosis</i> , 2006, 184, 201-206. | 0.8 | 225 |
| 72 | Optimized Prognostic Score for Coronary Computed Tomographic Angiography. <i>Journal of the American College of Cardiology</i> , 2013, 62, 468-476. | 2.8 | 224 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Comparison of Coronary Artery Calcium Presence, Carotid Plaque Presence, and Carotid Intima-Media Thickness for Cardiovascular Disease Prediction in the Multi-Ethnic Study of Atherosclerosis. Circulation: Cardiovascular Imaging, 2015, 8, . | 2.6 | 223 |
| 74 | Prognostic Value of Coronary Artery Calcium in the PROMISE Study (Prospective Multicenter Imaging) Tj ETQq0 0 Q rgBT /Overlock 10 T | 1.6 | 219 |
| 75 | Noninvasive Fractional Flow Reserve Derived From Computed Tomography Angiography for Coronary Lesions of Intermediate Stenosis Severity. Circulation: Cardiovascular Imaging, 2013, 6, 881-889. | 2.6 | 218 |
| 76 | 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 |
| 77 | Coronary Artery Calcium Progression: An Important Clinical Measurement?. Journal of the American College of Cardiology, 2010, 56, 1613-1622. | 2.8 | 214 |
| 78 | Dyslipidemia, Coronary Artery Calcium, and Incident Atherosclerotic Cardiovascular Disease. Circulation, 2014, 129, 77-86. | 1.6 | 212 |
| 79 | Post-traumatic Stress Disorder, Coronary Atherosclerosis, and Mortality. American Journal of Cardiology, 2011, 108, 29-33. | 1.6 | 208 |
| 80 | Effects of Testosterone Administration for 3 Years on Subclinical Atherosclerosis Progression in Older Men With Low or Low-Normal Testosterone Levels. JAMA - Journal of the American Medical Association, 2015, 314, 570. | 7.4 | 204 |
| 81 | ACCF/AHA Clinical Competence Statement on Cardiac Imaging With Computed Tomography and Magnetic Resonance. Journal of the American College of Cardiology, 2005, 46, 383-402. | 2.8 | 202 |
| 82 | Coronary Computed Tomographic Angiography and Risk of All-Cause Mortality and Nonfatal Myocardial Infarction in Subjects Without Chest Pain Syndrome From the CONFIRM Registry (Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter Registry). Circulation, 2012, 126, 304-313. | 1.6 | 202 |
| 83 | Incremental Prognostic Value of Cardiac Computed Tomography in Coronary Artery Disease Using CONFIRM. Circulation: Cardiovascular Imaging, 2011, 4, 463-472. | 2.6 | 201 |
| 84 | Progression of coronary calcium on serial electron beam tomographic scanning is greater in patients with future myocardial infarction. American Journal of Cardiology, 2003, 92, 827-829. | 1.6 | 197 |
| 85 | Relationship of Cigarette Smoking With Inflammation and Subclinical Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1002-1010. | 2.4 | 196 |
| 86 | Whole-Exome Sequencing Identifies Rare and Low-Frequency Coding Variants Associated with LDL Cholesterol. American Journal of Human Genetics, 2014, 94, 233-245. | 6.2 | 193 |
| 87 | Visualizing coronary calcium is associated with improvements in adherence to statin therapy. Atherosclerosis, 2006, 185, 394-399. | 0.8 | 192 |
| 88 | Use of Coronary Artery Calcium Testing to Guide Aspirin Utilization for Primary Prevention: Estimates From the Multi-Ethnic Study of Atherosclerosis. Circulation: Cardiovascular Quality and Outcomes, 2014, 7, 453-460. | 2.2 | 189 |
| 89 | Normal Thoracic Aorta Diameter on Cardiac Computed Tomography in Healthy Asymptomatic Adults. Academic Radiology, 2008, 15, 827-834. | 2.5 | 188 |
| 90 | Patient Management After Noninvasive Cardiac Imaging. Journal of the American College of Cardiology, 2012, 59, 462-474. | 2.8 | 188 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Expert review on coronary calcium. Vascular Health and Risk Management, 2008, Volume 4, 315-324. | 2.3 | 187 |
| 92 | Impact of Subclinical Atherosclerosis on Cardiovascular Disease Events in Individuals With Metabolic Syndrome and Diabetes. Diabetes Care, 2011, 34, 2285-2290. | 8.6 | 186 |
| 93 | Association of Low-Density Lipoprotein Cholesterol-Related Genetic Variants With Aortic Valve Calcium and Incident Aortic Stenosis. JAMA - Journal of the American Medical Association, 2014, 312, 1764. | 7.4 | 184 |
| 94 | Relationship of Estimated GFR and Coronary Artery Calcification in the CRIC (Chronic Renal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 T | 1.9 | 175 |
| 95 | Coronary artery and thoracic calcium on noncontrast thoracic CT scans: Comparison of ungated and gated examinations in patients from the COPD Gene cohort. Journal of Cardiovascular Computed Tomography, 2011, 5, 113-118. | 1.3 | 174 |
| 96 | HIV Infection, Cardiovascular Disease Risk Factor Profile, and Risk for Acute Myocardial Infarction. Journal of Acquired Immune Deficiency Syndromes (1999), 2015, 68, 209-216. | 2.1 | 174 |
| 97 | Relationships of mitral annular calcification to cardiovascular risk factors: The Multi-Ethnic Study of Atherosclerosis (MESA). Atherosclerosis, 2010, 213, 558-562. | 0.8 | 169 |
| 98 | Coronary Artery Disease - Reporting and Data System (CAD-RADS). JACC: Cardiovascular Imaging, 2016, 9, 1099-1113. | 5.3 | 165 |
| 99 | Coronary artery calcium for the prediction of mortality in young adults <45 years old and elderly adults >75 years old. European Heart Journal, 2012, 33, 2955-2962. | 2.2 | 164 |
| 100 | Interplay of Coronary Artery Calcification and Traditional Risk Factors for the Prediction of All-Cause Mortality in Asymptomatic Individuals. Circulation: Cardiovascular Imaging, 2012, 5, 467-473. | 2.6 | 163 |
| 101 | Fine Particulate Air Pollution and the Progression of Carotid Intima-Medial Thickness: A Prospective Cohort Study from the Multi-Ethnic Study of Atherosclerosis and Air Pollution. PLoS Medicine, 2013, 10, e1001430. | 8.4 | 162 |
| 102 | Family History of Premature Coronary Heart Disease and Coronary Artery Calcification. Circulation, 2007, 116, 619-626. | 1.6 | 160 |
| 103 | The association of nonalcoholic fatty liver disease, obesity, and metabolic syndrome, with systemic inflammation and subclinical atherosclerosis: The Multi-Ethnic Study of Atherosclerosis (MESA). Atherosclerosis, 2015, 239, 629-633. | 0.8 | 160 |
| 104 | Elevated Levels of Monocyte Activation Markers Are Associated With Subclinical Atherosclerosis in Men With and Those Without HIV Infection. Journal of Infectious Diseases, 2015, 211, 1219-1228. | 4.0 | 159 |
| 105 | Nonalcoholic fatty liver disease and serum lipoproteins: The Multi-Ethnic Study of Atherosclerosis. Atherosclerosis, 2013, 227, 429-436. | 0.8 | 158 |
| 106 | Coronary Artery Calcification and Family History of Premature Coronary Heart Disease. Circulation, 2004, 110, 2150-2156. | 1.6 | 157 |
| 107 | Computed Tomography Scans in the Evaluation of Fatty Liver Disease in a Population Based Study. Academic Radiology, 2012, 19, 811-818. | 2.5 | 157 |
| 108 | Coronary Artery Motion During the Cardiac Cycle and Optimal ECG Triggering for Coronary Artery Imaging. Investigative Radiology, 2001, 36, 250-256. | 6.2 | 156 |

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|-----|--|-----|-----------|
| 109 | Thoracic aortic calcification and coronary heart disease events: The multi-ethnic study of atherosclerosis (MESA). <i>Atherosclerosis</i> , 2011, 215, 196-202. | 0.8 | 156 |
| 110 | Mediators of Atherosclerosis in South Asians Living in America (<scp>MASALA</scp>) Study: Objectives, Methods, and Cohort Description. <i>Clinical Cardiology</i> , 2013, 36, 713-720. | 1.8 | 155 |
| 111 | Rationale and design of the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes: An) Tj ETQq1 1 0.784314 rgBT /O | 1.3 | 152 |
| 112 | Incidence and Progression of Aortic Valve Calcium in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>American Journal of Cardiology</i> , 2010, 105, 701-708. | 1.6 | 151 |
| 113 | Coronary Artery Calcium Score for Long-term Risk Classification in Individuals With Type 2 Diabetes and Metabolic Syndrome From the Multi-Ethnic Study of Atherosclerosis. <i>JAMA Cardiology</i> , 2017, 2, 1332. | 6.1 | 151 |
| 114 | Long-Term Prognosis After Coronary Artery Calcification Testing in Asymptomatic Patients. <i>Annals of Internal Medicine</i> , 2015, 163, 14-21. | 3.9 | 150 |
| 115 | Prevalence, extent and composition of coronary plaque in patients with rheumatoid arthritis without symptoms or prior diagnosis of coronary artery disease. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 1797-1804. | 0.9 | 149 |
| 116 | Prognostic and Therapeutic Implications of Statin and Aspirin Therapy in Individuals With Nonobstructive Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 981-989. | 2.4 | 147 |
| 117 | Cardiorenal syndrome: pathophysiology and potential targets for clinical management. <i>Nature Reviews Nephrology</i> , 2013, 9, 99-111. | 9.6 | 145 |
| 118 | CAC-DRS: Coronary Artery Calcium Data and Reporting System. An expert consensus document of the Society of Cardiovascular Computed Tomography (SCCT). <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 185-191. | 1.3 | 145 |
| 119 | Ethnic differences of the presence and severity of coronary atherosclerosis. <i>Atherosclerosis</i> , 2006, 187, 343-350. | 0.8 | 144 |
| 120 | Coronary Computed Tomographic Angiography as a Gatekeeper to Invasive Diagnostic and Surgical Procedures. <i>Journal of the American College of Cardiology</i> , 2012, 60, 2103-2114. | 2.8 | 144 |
| 121 | Hypovitaminosis D in Chronic Kidney Disease. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2008, 3, 1144-1151. | 4.5 | 141 |
| 122 | Sex differences in calcified plaque and long-term cardiovascular mortality: observations from the CAC Consortium. <i>European Heart Journal</i> , 2018, 39, 3727-3735. | 2.2 | 141 |
| 123 | Ethnic Differences in the Prognostic Value of Coronary Artery Calcification for All-Cause Mortality. <i>Journal of the American College of Cardiology</i> , 2007, 50, 953-960. | 2.8 | 140 |
| 124 | Coronary Computed Tomography Angiography From Clinical Uses to Emerging Technologies. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1226-1243. | 2.8 | 140 |
| 125 | Maximization of the usage of coronary CTA derived plaque information using a machine learning based algorithm to improve risk stratification; insights from the CONFIRM registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 204-209. | 1.3 | 137 |
| 126 | Machine learning of clinical variables and coronary artery calcium scoring for the prediction of obstructive coronary artery disease on coronary computed tomography angiography: analysis from the CONFIRM registry. <i>European Heart Journal</i> , 2020, 41, 359-367. | 2.2 | 137 |

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|-----|---|-----|-----------|
| 127 | Machine Learning Outperforms ACC/AHA CVD Risk Calculator in MESA. Journal of the American Heart Association, 2018, 7, e009476. | 3.7 | 135 |
| 128 | Triglycerides and Triglyceride-Rich Lipoproteins in the Causal Pathway of Cardiovascular Disease. American Journal of Cardiology, 2016, 118, 138-145. | 1.6 | 134 |
| 129 | Markers of inflammation and coronary artery calcification: A systematic review. Atherosclerosis, 2008, 201, 1-7. | 0.8 | 133 |
| 130 | 2010 ACCF/AHA Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults: Executive Summary. Journal of the American College of Cardiology, 2010, 56, 2182-2199. | 2.8 | 133 |
| 131 | Serum fetuin-A in nondialyzed patients with diabetic nephropathy: Relationship with coronary artery calcification. Kidney International, 2005, 67, 1070-1077. | 5.2 | 132 |
| 132 | Clinical utility of computed tomography and magnetic resonance techniques for noninvasive coronary angiography. Journal of the American College of Cardiology, 2003, 42, 1867-1878. | 2.8 | 129 |
| 133 | Aged garlic extract supplemented with B vitamins, folic acid and L-arginine retards the progression of subclinical atherosclerosis: A randomized clinical trial. Preventive Medicine, 2009, 49, 101-107. | 3.4 | 129 |
| 134 | Coronary calcium and standard risk factors in symptomatic patients referred for coronary angiography. American Heart Journal, 1998, 135, 696-702. | 2.7 | 127 |
| 135 | Association of Serum Alkaline Phosphatase with Coronary Artery Calcification in Maintenance Hemodialysis Patients. Clinical Journal of the American Society of Nephrology: CJASN, 2009, 4, 1106-1114. | 4.5 | 126 |
| 136 | Prospective Study of Particulate Air Pollution Exposures, Subclinical Atherosclerosis, and Clinical Cardiovascular Disease: The Multi-Ethnic Study of Atherosclerosis and Air Pollution (MESA Air). American Journal of Epidemiology, 2012, 176, 825-837. | 3.4 | 126 |
| 137 | Effect of statin treatment on coronary plaque progression – A serial coronary CT angiography study. Atherosclerosis, 2013, 231, 198-204. | 0.8 | 126 |
| 138 | Intravenous three-dimensional coronary angiography using contrast enhanced electron beam computed tomography. American Journal of Cardiology, 1999, 83, 840-845. | 1.6 | 125 |
| 139 | Association of Normal Systolic Blood Pressure Level With Cardiovascular Disease in the Absence of Risk Factors. JAMA Cardiology, 2020, 5, 1011. | 6.1 | 125 |
| 140 | Aortic Valve Calcium Independently Predicts Coronary and Cardiovascular Events in a Primary Prevention Population. JACC: Cardiovascular Imaging, 2012, 5, 619-625. | 5.3 | 124 |
| 141 | Estimating mean annual 25-hydroxyvitamin D concentrations from single measurements: the Multi-Ethnic Study of Atherosclerosis. American Journal of Clinical Nutrition, 2013, 97, 1243-1251. | 4.7 | 124 |
| 142 | Ethnic differences in coronary atherosclerosis. Journal of the American College of Cardiology, 2002, 39, 408-412. | 2.8 | 123 |
| 143 | CT Angiography (CTA) and Diagnostic Performance of Noninvasive Fractional Flow Reserve: Results From the Determination of Fractional Flow Reserve by Anatomic CTA (DeFACTO) Study. American Journal of Roentgenology, 2014, 202, 989-994. | 2.2 | 122 |
| 144 | Differences in Prevalence, Extent, Severity, and Prognosis of Coronary Artery Disease Among Patients With and Without Diabetes Undergoing Coronary Computed Tomography Angiography. Diabetes Care, 2012, 35, 1787-1794. | 8.6 | 120 |

| # | ARTICLE | IF | CITATIONS |
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