

Erica Maffei

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251
papers

7,229
citations

44
h-index

76
g-index

302
ext. papers

9,161
ext. citations

5.2
avg, IF

4.88
L-index

#	Paper	IF	Citations
251	Age- and sex-related differences in all-cause mortality risk based on coronary computed tomography angiography findings results from the International Multicenter CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter Registry) of 23,854 patients without known coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1113-1121	15.1	528
250	A clinical prediction rule for the diagnosis of coronary artery disease: validation, updating, and extension. <i>European Heart Journal</i> , 2011 , 32, 1316-30	9.5	325
249	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, 500-507	9.5	275
248	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: results from the CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter) registry. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1113-1121	15.1	240
247	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: results from the multinational coronary CT angiography evaluation for clinical outcomes: an international multicenter registry (CONFIRM). <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 253-261	16.7	192
246	Effects of Statins on Coronary Atherosclerotic Plaques: The PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1475-1484	8.4	177
245	Incremental prognostic value of cardiac computed tomography in coronary artery disease using CONFIRM: COroNary computed tomography angiography evaluation for clinical outcomes: an InteRnational Multicenter registry. <i>Circulation: Cardiovascular Imaging</i> , 2011 , 4, 463-72	3.9	161
244	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2511-2522	15.1	161
243	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). <i>Circulation</i> , 2012 , 125, 2031-40	16.7	160
242	Optimized prognostic score for coronary computed tomographic angiography: results from the CONFIRM registry (COroNary CT Angiography EvaluatioN For Clinical Outcomes: An InteRnational Multicenter Registry). <i>Journal of the American College of Cardiology</i> , 2013 , 62, 468-76	15.1	156
241	Prediction model to estimate presence of coronary artery disease: retrospective pooled analysis of existing cohorts. <i>BMJ, The</i> , 2012 , 344, e3485	5.9	148
240	Coronary computed tomographic angiography as a gatekeeper to invasive diagnostic and surgical procedures: results from the multicenter CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: an International Multicenter) registry. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 2103-14	15.1	124
239	Usefulness of 64-slice multislice computed tomography coronary angiography to assess in-stent restenosis. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 2204-10	15.1	121
238	Rationale and design of the CONFIRM (COroNary CT Angiography EvaluatioN For Clinical Outcomes: An InteRnational Multicenter) Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2011 , 5, 84-92	2.8	120
237	Prevalence of anatomical variants and coronary anomalies in 543 consecutive patients studied with 64-slice CT coronary angiography. <i>European Radiology</i> , 2008 , 18, 781-91	8	118
236	Prognostic and therapeutic implications of statin and aspirin therapy in individuals with nonobstructive coronary artery disease: results from the CONFIRM (COroNary CT Angiography EvaluatioN For Clinical Outcomes: An InteRnational Multicenter registry) registry. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 981-9	9.4	101
235	Left and right ventricle assessment with Cardiac CT: validation study vs. Cardiac MR. <i>European Radiology</i> , 2012 , 22, 1041-9	8	98

234	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	2.8	94
233	Incremental prognostic utility of coronary CT angiography for asymptomatic patients based upon extent and severity of coronary artery calcium: results from the COronary CT Angiography Evaluation For Clinical Outcomes InteRnational Multicenter (CONFIRM) study. <i>European Heart Journal</i> , 2017 , 38, 504-512	9.5	87
232	Differences in prevalence, extent, severity, and prognosis of coronary artery disease among patients with and without diabetes undergoing coronary computed tomography angiography: results from 10,110 individuals from the CONFIRM (COronary CT Angiography Evaluation For Clinical Outcomes) an InteRnational Multicenter Registry. <i>Diabetes Care</i> , 2017 , 35, 1787-94	14.6	85
231	Assessment of left ventricular volumes and mass using single-breath-hold 3D k-t BLAST cine b-SSFP in comparison with multiple-breath-hold 2D cine b-SSFP. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009 , 11,	6.9	78
230	Incremental prognostic value of coronary computed tomographic angiography over coronary artery calcium score for risk prediction of major adverse cardiac events in asymptomatic diabetic individuals. <i>Atherosclerosis</i> , 2014 , 232, 298-304	3.1	77
229	Does coronary CT angiography improve risk stratification over coronary calcium scoring in symptomatic patients with suspected coronary artery disease? Results from the prospective multicenter international CONFIRM registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 267-74	4.1	77
228	Influence of intra-coronary enhancement on diagnostic accuracy with 64-slice CT coronary angiography. <i>European Radiology</i> , 2008 , 18, 576-83	8	67
227	Body mass index and the prevalence, severity, and risk of coronary artery disease: an international multicentre study of 13,874 patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 456-63	4.1	66
226	Sex-Specific Associations Between Coronary Artery Plaque Extent and Risk of Major Adverse Cardiovascular Events: The CONFIRM Long-Term Registry. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 364-372	8.4	66
225	Relationship and prognostic value of modified coronary artery calcium score, FEV1, and emphysema in lung cancer screening population: the MILD trial. <i>Radiology</i> , 2012 , 262, 460-7	20.5	64
224	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	9.5	62
223	Diabetes: prognostic value of CT coronary angiography--comparison with a nondiabetic population. <i>Radiology</i> , 2010 , 256, 83-92	20.5	60
222	LAD coronary artery myocardial bridging and apical ballooning syndrome. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 32-41	8.4	59
221	"In-house" pharmacological management for computed tomography coronary angiography: heart rate reduction, timing and safety of different drugs used during patient preparation. <i>European Radiology</i> , 2009 , 19, 2931-40	8	59
220	Prognostic value of computed tomography coronary angiography in patients with suspected coronary artery disease: a 24-month follow-up study. <i>European Radiology</i> , 2009 , 19, 1653-60	8	58
219	Prognostic value of coronary computed tomographic angiography findings in asymptomatic individuals: a 6-year follow-up from the prospective multicentre international CONFIRM study. <i>European Heart Journal</i> , 2018 , 39, 934-941	9.5	56
218	All-cause mortality benefit of coronary revascularization vs. medical therapy in patients without known coronary artery disease undergoing coronary computed tomographic angiography: results from CONFIRM (COronary CT Angiography Evaluation For Clinical Outcomes: An InteRnational Multicenter Registry). <i>European Heart Journal</i> , 2012 , 33, 3088-97	9.5	55
217	Statins use and coronary artery plaque composition: results from the International Multicenter CONFIRM Registry. <i>Atherosclerosis</i> , 2012 , 225, 148-53	3.1	55

216	Influence of convolution filtering on coronary plaque attenuation values: observations in an ex vivo model of multislice computed tomography coronary angiography. <i>European Radiology</i> , 2007 , 17, 1842-9	8	55
215	Long-Term Prognostic Utility of Coronary CT Angiography in Stable Patients With Diabetes Mellitus. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 1280-1288	8.4	50
214	Rationale and design of the Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography IMaging (PARADIGM) registry: A comprehensive exploration of plaque progression and its impact on clinical outcomes from a multicenter serial coronary computed tomographic angiography study. <i>American Heart Journal</i> , 2016 , 182, 72-79	4.9	49
213	The Coronary Artery Disease-Reporting and Data System (CAD-RADS): Prognostic and Clinical Implications Associated With Standardized Coronary Computed Tomography Angiography Reporting. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 78-89	8.4	48
212	Diagnostic accuracy of computed tomography coronary angiography in patients with a zero calcium score. <i>European Radiology</i> , 2010 , 20, 81-7	8	47
211	Diagnostic accuracy of 64-slice computed tomography coronary angiography for the detection of in-stent restenosis: a meta-analysis. <i>Journal of Nuclear Cardiology</i> , 2010 , 17, 470-8	2.1	46
210	Usefulness of coronary computed tomography angiography to predict mortality and myocardial infarction among Caucasian, African and East Asian ethnicities (from the CONFIRM [Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter] Registry). <i>American Journal of Cardiology</i> , 2013 , 111, 479-85	3	45
209	Impact of family history of coronary artery disease in young individuals (from the CONFIRM registry). <i>American Journal of Cardiology</i> , 2013 , 111, 1081-6	3	45
208	Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007562	3.9	44
207	Long-term prognostic impact of CT-Leaman score in patients with non-obstructive CAD: Results from the COronary CT Angiography EvaluatiON For Clinical Outcomes InteRnational Multicenter (CONFIRM) study. <i>International Journal of Cardiology</i> , 2017 , 231, 18-25	3.2	42
206	Computed tomography coronary angiography in patients with acute myocardial infarction without significant coronary stenosis. <i>Circulation</i> , 2012 , 126, 3000-7	16.7	42
205	Incremental value and safety of oral ivabradine for heart rate reduction in computed tomography coronary angiography. <i>International Journal of Cardiology</i> , 2012 , 156, 28-33	3.2	41
204	Coronary calcium score as gatekeeper for 64-slice computed tomography coronary angiography in patients with chest pain: per-segment and per-patient analysis. <i>European Radiology</i> , 2009 , 19, 2127-35	8	41
203	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
202	Low dose CT of the heart: a quantum leap into a new era of cardiovascular imaging. <i>Radiologia Medica</i> , 2010 , 115, 1179-207	6.5	40
201	Prognostic assessment of coronary artery bypass patients with 64-slice computed tomography angiography: anatomical information is incremental to clinical risk prediction. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 2389-95	15.1	38
200	Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography: Results of the PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 1461-1471	8.4	38
199	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. <i>JAMA Cardiology</i> , 2020 , 5, 282-290	16.2	35

198	Relationship of Hypertension to Coronary Atherosclerosis and Cardiac Events in Patients With Coronary Computed Tomographic Angiography. <i>Hypertension</i> , 2017 , 70, 293-299	8.5	34
197	Long term prognostic utility of coronary CT angiography in patients with no modifiable coronary artery disease risk factors: Results from the 5 year follow-up of the CONFIRM International Multicenter Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 22-7	2.8	33
196	Sex-based prognostic implications of nonobstructive coronary artery disease: results from the international multicenter CONFIRM study. <i>Radiology</i> , 2014 , 273, 393-400	20.5	33
195	Coronary calcium score and computed tomography coronary angiography in high-risk asymptomatic subjects: assessment of diagnostic accuracy and prevalence of non-obstructive coronary artery disease. <i>European Radiology</i> , 2010 , 20, 846-54	8	33
194	Diagnostic accuracy of 64-slice computed tomography coronary angiography in patients with low-to-intermediate risk. <i>Radiologia Medica</i> , 2007 , 112, 969-81	6.5	33
193	Assessment of coronary artery disease and calcified coronary plaque burden by computed tomography in patients with and without diabetes mellitus. <i>European Radiology</i> , 2011 , 21, 944-53	8	32
192	Impact of clinical presentation and pretest likelihood on the relation between calcium score and computed tomographic coronary angiography. <i>American Journal of Cardiology</i> , 2010 , 106, 1675-9	3	32
191	Differences in Progression to Obstructive Lesions per High-Risk Plaque Features and Plaque Volumes With CCTA. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1409-1417	8.4	31
190	Differential association between the progression of coronary artery calcium score and coronary plaque volume progression according to statins: the Progression of AtheRosclerotic PLAque Determined by Computed TomoGraphic Angiography Imaging (PARADIGM) study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1307-1314	4.1	29
189	Heart rate control with oral ivabradine in computed tomography coronary angiography: a randomized comparison of 7.5 mg vs 5 mg regimen. <i>International Journal of Cardiology</i> , 2013 , 168, 362-8 ^{3,2}		29
188	The coronary calcium score is a more accurate predictor of significant coronary stenosis than conventional risk factors in symptomatic patients: Euro-CCAD study. <i>International Journal of Cardiology</i> , 2016 , 207, 13-9	3.2	28
187	Carotid intima media thickness and coronary atherosclerosis linkage in symptomatic intermediate risk patients evaluated by coronary computed tomography angiography. <i>International Journal of Cardiology</i> , 2014 , 176, 988-93	3.2	27
186	Coronary artery calcium score on low-dose computed tomography for lung cancer screening. <i>World Journal of Radiology</i> , 2014 , 6, 381-7	2.9	27
185	Myocardial blood flow quantification for evaluation of coronary artery disease by computed tomography. <i>Cardiovascular Diagnosis and Therapy</i> , 2017 , 7, 129-150	2.6	26
184	A semi-automatic approach for epicardial adipose tissue segmentation and quantification on cardiac CT scans. <i>Computers in Biology and Medicine</i> , 2019 , 114, 103424	7	26
183	Cardiovascular risk among stable individuals suspected of having coronary artery disease with no modifiable risk factors: results from an international multicenter study of 5262 patients. <i>Radiology</i> , 2013 , 267, 718-26	20.5	26
182	Predictive value of chest CT in patients with cystic fibrosis: a single-center 10-year experience. <i>American Journal of Roentgenology</i> , 2008 , 190, 1475-80	5.4	26
181	Prognostic significance of calcified plaque among symptomatic patients with nonobstructive coronary artery disease. <i>Journal of Nuclear Cardiology</i> , 2014 , 21, 453-66	2.1	25

180	Diagnostic accuracy of 64-slice computed tomography coronary angiography in a large population of patients without revascularisation: registry data and review of multicentre trials. <i>Radiologia Medica</i> , 2010 , 115, 368-84	6.5	25
179	Under-reporting of cardiovascular findings on chest CT. <i>Radiologia Medica</i> , 2016 , 121, 190-9	6.5	24
178	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	6.5	23
177	Improved 5-year prediction of all-cause mortality by coronary CT angiography applying the CONFIRM score. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 286-293	4.1	23
176	What have we learned from CONFIRM? Prognostic implications from a prospective multicenter international observational cohort study of consecutive patients undergoing coronary computed tomographic angiography. <i>Journal of Nuclear Cardiology</i> , 2012 , 19, 787-95	2.1	23
175	64-slice computed tomography coronary angiography: diagnostic accuracy in the real world. <i>Radiologia Medica</i> , 2008 , 113, 163-80	6.5	23
174	Prognostic value of 64-slice coronary angiography in diabetes mellitus patients with known or suspected coronary artery disease compared with a nondiabetic population. <i>Radiologia Medica</i> , 2008 , 113, 627-43	6.5	23
173	Prognostic value of computed tomography coronary angiography in patients with chest pain of suspected cardiac origin. <i>Radiologia Medica</i> , 2011 , 116, 690-705	6.5	22
172	Quantification of epicardial fat with cardiac CT angiography and association with cardiovascular risk factors in symptomatic patients: from the ALTER-BIO (Alternative Cardiovascular Bio-Imaging markers) registry. <i>Diagnostic and Interventional Radiology</i> , 2019 , 25, 35-41	3.2	21
171	Clinical risk factors and atherosclerotic plaque extent to define risk for major events in patients without obstructive coronary artery disease: the long-term coronary computed tomography angiography CONFIRM registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 479-488	4.1	21
170	Gender and age effects on risk factor-based prediction of coronary artery calcium in symptomatic patients: A Euro-CCAD study. <i>Atherosclerosis</i> , 2016 , 252, 32-39	3.1	21
169	Current but not past smoking increases the risk of cardiac events: insights from coronary computed tomographic angiography. <i>European Heart Journal</i> , 2015 , 36, 1031-40	9.5	21
168	Gender differences in the prevalence, severity, and composition of coronary artery disease in the young: a study of 1635 individuals undergoing coronary CT angiography from the prospective, multinational confirm registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 490-9	4.1	21
167	Age- and gender-specific differences in the prognostic value of CT coronary angiography. <i>Heart</i> , 2012 , 98, 232-7	5.1	21
166	CT coronary angiography at an ultra-low radiation dose (. <i>European Radiology</i> , 2013 , 23, 607-13	8	21
165	Spectrum of collateral findings in multislice CT coronary angiography. <i>Radiologia Medica</i> , 2007 , 112, 937-43	6.5	21
164	Noninvasive evaluation of the celiac trunk and superior mesenteric artery with multislice CT in patients with chronic mesenteric ischaemia. <i>Radiologia Medica</i> , 2008 , 113, 1135-42	6.5	21
163	Is metabolic syndrome predictive of prevalence, extent, and risk of coronary artery disease beyond its components? Results from the multinational coronary CT angiography evaluation for clinical outcome: an international multicenter registry (CONFIRM). <i>PLoS ONE</i> , 2015 , 10, e0118998	3.7	21

162	Medical history for prognostic risk assessment and diagnosis of stable patients with suspected coronary artery disease. <i>American Journal of Medicine</i> , 2015 , 128, 871-8	2.4	20
161	Incremental prognostic value of coronary computed tomography angiography over coronary calcium scoring for major adverse cardiac events in elderly asymptomatic individuals. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 675-683	4.1	20
160	CT coronary angiography and exercise ECG in a population with chest pain and low-to-intermediate pre-test likelihood of coronary artery disease. <i>Heart</i> , 2010 , 96, 1973-9	5.1	20
159	Computed tomography coronary angiography vs. stress ECG in patients with stable angina. <i>Radiologia Medica</i> , 2009 , 114, 513-23	6.5	20
158	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men: Long-Term Outcomes From the CONFIRM (Coronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) Registry. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	19
157	Italian Registry of Cardiac Computed Tomography. <i>Radiologia Medica</i> , 2015 , 120, 919-29	6.5	18
156	Coronary dominance and prognosis in patients undergoing coronary computed tomographic angiography: results from the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter) registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 853-62	4.1	18
155	Italian registry of cardiac magnetic resonance. <i>European Journal of Radiology</i> , 2014 , 83, e15-22	4.7	18
154	Lumen enhancement influences absolute noncalcific plaque density on multislice computed tomography coronary angiography: ex-vivo validation and in-vivo demonstration. <i>Journal of Cardiovascular Medicine</i> , 2010 , 11, 337-44	1.9	18
153	Imaging techniques for the vulnerable coronary plaque. <i>Radiologia Medica</i> , 2007 , 112, 637-59	6.5	18
152	Coronary plaque imaging with multislice computed tomography: technique and clinical applications. <i>European Radiology, Supplement</i> , 2006 , 16 Suppl 7, M44-53		18
151	Prevalence and characteristics of coronary artery disease in a population with suspected ischemic heart disease using CT coronary angiography: correlations with cardiovascular risk factors and clinical presentation. <i>Radiologia Medica</i> , 2008 , 113, 363-72	6.5	17
150	Coronary variants and anomalies: methodology of visualisation with 64-slice CT and prevalence in 202 consecutive patients. <i>Radiologia Medica</i> , 2007 , 112, 1117-31	6.5	17
149	Quantification of epicardial adipose tissue in coronary calcium score and CT coronary angiography image data sets: comparison of attenuation values, thickness and volumes. <i>British Journal of Radiology</i> , 2016 , 89, 20150773	3.4	17
148	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
147	Lights and shadows of cardiac magnetic resonance imaging in acute myocarditis. <i>Insights Into Imaging</i> , 2016 , 7, 99-110	5.6	16
146	A clinical model to identify patients with high-risk coronary artery disease. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 427-434	8.4	15
145	Comparison of iodinated contrast media for the assessment of atherosclerotic plaque attenuation values by CT coronary angiography: observations in an ex vivo model. <i>British Journal of Radiology</i> , 2013 , 86, 20120238	3.4	15

144	High-resolution CT in diagnosis of diffuse infiltrative lung disease. <i>Seminars in Ultrasound, CT and MRI</i> , 2005 , 26, 332-47	1.7	15
143	A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2162-2173	8.4	15
142	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. <i>JAMA Cardiology</i> , 2021 , 6, 1257-1266	16.2	15
141	Predictive Value of Age- and Sex-Specific Nomograms of Global Plaque Burden on Coronary Computed Tomography Angiography for Major Cardiac Events. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	14
140	Chest pain: coronary CT in the ER. <i>British Journal of Radiology</i> , 2016 , 89, 20150954	3.4	14
139	Plaque imaging with CT coronary angiography: Effect of intra-vascular attenuation on plaque type classification. <i>World Journal of Radiology</i> , 2012 , 4, 265-72	2.9	14
138	Sensitivity and specificity of magnetic resonance enterography in the clinical management of fistulizing Crohn's disease. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 1896-903	4.5	14
137	Functional parameters of the left ventricle: comparison of cardiac MRI and cardiac CT in a large population. <i>Radiologia Medica</i> , 2010 , 115, 702-13	6.5	14
136	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
135	Current trends in patients with chronic total occlusions undergoing coronary CT angiography. <i>Heart</i> , 2015 , 101, 1212-8	5.1	13
134	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
133	Impact of age and sex on left ventricular function determined by coronary computed tomographic angiography: results from the prospective multicentre CONFIRM study. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 990-1000	4.1	13
132	Quantitative assessment of coronary plaque volume change related to triglyceride glucose index: The Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography IMaging (PARADIGM) registry. <i>Cardiovascular Diabetology</i> , 2020 , 19, 113	8.7	13
131	The presence of remodeled and mixed atherosclerotic plaques at coronary ct angiography predicts major cardiac adverse events - The CAFFIE Study. <i>International Journal of Cardiology</i> , 2016 , 215, 325-31	3.2	13
130	Usefulness of baseline statin therapy in non-obstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (CORONARY CT ANGIOGRAPHY EVALUATION FOR CLINICAL OUTCOMES: AN INTERNATIONAL MULTICENTER) STUDY. <i>PLoS ONE</i> , 2018 , 13, e0207194	3.7	13
129	Left ventricular ejection fraction: real-world comparison between cardiac computed tomography and echocardiography in a large population. <i>Radiologia Medica</i> , 2010 , 115, 1015-27	6.5	12
128	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
127	Validity of epicardial fat volume as biomarker of coronary artery disease in symptomatic individuals: Results from the ALTER-BIO registry. <i>International Journal of Cardiology</i> , 2020 , 314, 20-24	3.2	11

126	Calcium score, coronary artery disease extent and severity, and clinical outcomes among low Framingham risk patients with low vs high lifetime risk: results from the CONFIRM registry. <i>Journal of Nuclear Cardiology</i> , 2014 , 21, 29-37; quiz 38-9	2.1	11
125	Relationship of low- and high-density lipoproteins to coronary artery plaque composition by CT angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2013 , 7, 83-90	2.8	11
124	Atherosclerotic pattern of coronary myocardial bridging assessed with CT coronary angiography. <i>International Journal of Cardiovascular Imaging</i> , 2012 , 28, 405-14	2.5	11
123	Major adverse cardiac events and the severity of coronary atherosclerosis assessed by computed tomography coronary angiography in an outpatient population with suspected or known coronary artery disease. <i>Journal of Thoracic Imaging</i> , 2012 , 27, 23-8	5.6	11
122	Stress-ECG vs. CT coronary angiography for the diagnosis of coronary artery disease: a "real-world" experience. <i>Radiologia Medica</i> , 2010 , 115, 354-67	6.5	11
121	Diagnostic accuracy of 64-slice CT in the assessment of coronary stents. <i>Radiologia Medica</i> , 2007 , 112, 526-37	6.5	11
120	Coronary revascularization vs. medical therapy following coronary-computed tomographic angiography in patients with low-, intermediate- and high-risk coronary artery disease: results from the CONFIRM long-term registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 841-848	4.1	10
119	Percent atheroma volume: Optimal variable to report whole-heart atherosclerotic plaque burden with coronary CTA, the PARADIGM study. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 400-406	2.8	10
118	Influence of image reconstruction parameters on cardiovascular risk reclassification by Computed Tomography Coronary Artery Calcium Score. <i>European Journal of Radiology</i> , 2018 , 101, 1-7	4.7	10
117	Diagnostic accuracy of second-generation dual-source computed tomography coronary angiography with iterative reconstructions: a real-world experience. <i>Radiologia Medica</i> , 2012 , 117, 725-38	6.5	10
116	Evaluation of coronary atherosclerosis by multislice computed tomography in patients with acute myocardial infarction and without significant coronary artery stenosis: a comparative study with quantitative coronary angiography. <i>Circulation: Cardiovascular Imaging</i> , 2008 , 1, 205-11	3.9	10
115	Association of Cardiovascular Disease Risk Factor Burden With Progression of Coronary Atherosclerosis Assessed by Serial Coronary Computed Tomographic Angiography. <i>JAMA Network Open</i> , 2020 , 3, e2011444	10.4	10
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