

Erica Maffei

List of Publications by Year in descending order

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282
papers

10,441
citations

36271

51
h-index

42364

92
g-index

305
all docs

305
docs citations

305
times ranked

8051
citing authors

#	ARTICLE	IF	CITATIONS
1	Age- and Sex-Related Differences in All-Cause Mortality Risk Based on Coronary Computed Tomography Angiography Findings. <i>Journal of the American College of Cardiology</i> , 2011, 58, 849-860.	1.2	668
2	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, ehw188.	1.0	447
3	A clinical prediction rule for the diagnosis of coronary artery disease: validation, updating, and extension. <i>European Heart Journal</i> , 2011, 32, 1316-1330.	1.0	427
4	Effects of Statins on Coronary Atherosclerotic Plaques. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1475-1484.	2.3	335
5	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2511-2522.	1.2	328
6	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. <i>Journal of the American College of Cardiology</i> , 2011, 58, 2533-2540.	1.2	321
7	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. <i>Circulation</i> , 2011, 124, 2423-2432.	1.6	263
8	Prediction model to estimate presence of coronary artery disease: retrospective pooled analysis of existing cohorts. <i>BMJ, The</i> , 2012, 344, e3485-e3485.	3.0	225
9	Optimized Prognostic Score for Coronary Computed Tomographic Angiography. <i>Journal of the American College of Cardiology</i> , 2013, 62, 468-476.	1.2	224
10	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, 126, 304-313.	1.6	202
11	Incremental Prognostic Value of Cardiac Computed Tomography in Coronary Artery Disease Using CONFIRM. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 463-472.	1.3	201
12	Rationale and design of the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes: An) Tj ETQq0 0,0 rgBT /Overlock 10	0.7	152
13	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.	1.1	147
14	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.	1.2	144
15	Prevalence of anatomical variants and coronary anomalies in 543 consecutive patients studied with 64-slice CT coronary angiography. <i>European Radiology</i> , 2008, 18, 781-791.	2.3	140
16	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, 2204-2210.	1.2	137
17	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.	0.7	137
18	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.	1.0	137

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19	Left and right ventricle assessment with Cardiac CT: validation study vs. Cardiac MR. <i>European Radiology</i> , 2012, 22, 1041-1049.	2.3	127
20	Differences in Prevalence, Extent, Severity, and Prognosis of Coronary Artery Disease Among Patients With and Without Diabetes Undergoing Coronary Computed Tomography Angiography. <i>Diabetes Care</i> , 2012, 35, 1787-1794.	4.3	120
21	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> , 2015, 36, 501-508.	1.0	111
22	Sex-Specific Associations Between Coronary Artery Plaque Extent and Risk of Major Adverse Cardiovascular Events. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 364-372.	2.3	108
23	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.	0.4	102
24	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, 267-274.	0.5	100
25	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.	1.0	100
26	The Coronary Artery Disease Reporting and Data System (CAD-RADS). <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 78-89.	2.3	91
27	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. <i>JAMA Cardiology</i> , 2020, 5, 282.	3.0	90
28	Influence of intra-coronary enhancement on diagnostic accuracy with 64-slice CT coronary angiography. <i>European Radiology</i> , 2008, 18, 576-583.	2.3	82
29	Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007562.	1.3	81
30	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, 456-463.	0.5	80
31	Relationship and Prognostic Value of Modified Coronary Artery Calcium Score, FEV ₁ , and Emphysema in Lung Cancer Screening Population: The MILD Trial. <i>Radiology</i> , 2012, 262, 460-467.	3.6	78
32	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1987-1997.	2.3	78
33	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.	1.2	75
34	LAD Coronary Artery Myocardial Bridging and Apical Ballooning Syndrome. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 32-41.	2.3	73
35	Statins use and coronary artery plaque composition: Results from the International Multicenter CONFIRM Registry. <i>Atherosclerosis</i> , 2012, 225, 148-153.	0.4	72
36	Long-Term Prognostic Utility of Coronary Angiography in Stable Patients With Diabetes Mellitus. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1280-1288.	2.3	70

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37	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. JAMA Cardiology, 2021, 6, 1257.	3.0	70
38	Diabetes: Prognostic Value of CT Coronary Angiography—Comparison with a Nondiabetic Population. Radiology, 2010, 256, 83-92.	3.6	68
39	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) Tj ETQq1 1 0.784314 rgBT /Overlock 65	1.0	65
40	in-house pharmacological management for computed tomography coronary angiography: heart rate reduction, timing and safety of different drugs used during patient preparation. European Radiology, 2009, 19, 2931-2940.	2.3	64
41	Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography. JACC: Cardiovascular Imaging, 2018, 11, 1461-1471.	2.3	64
42	Prognostic value of computed tomography coronary angiography in patients with suspected coronary artery disease: a 24-month follow-up study. European Radiology, 2009, 19, 1653-1660.	2.3	63
43	Influence of convolution filtering on coronary plaque attenuation values: observations in an ex vivo model of multislice computed tomography coronary angiography. European Radiology, 2007, 17, 1842-1849.	2.3	62
44	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. European Heart Journal Cardiovascular Imaging, 2019, 20, 1307-1314.	0.5	60
45	Impact of Family History of Coronary Artery Disease in Young Individuals (from the CONFIRM Registry). American Journal of Cardiology, 2013, 111, 1081-1086.	0.7	58
46	Differences in Progression to Obstructive Lesions per High-Risk Plaque Features and Plaque Volumes With CCTA. JACC: Cardiovascular Imaging, 2020, 13, 1409-1417.	2.3	58
47	Diagnostic accuracy of 64-slice computed tomography coronary angiography for the detection of in-stent restenosis: A meta-analysis. Journal of Nuclear Cardiology, 2010, 17, 470-478.	1.4	57
48	Relationship of Hypertension to Coronary Atherosclerosis and Cardiac Events in Patients With Coronary Computed Tomographic Angiography. Hypertension, 2017, 70, 293-299.	1.3	57
49	Usefulness of Coronary Computed Tomography Angiography to Predict Mortality and Myocardial Infarction Among Caucasian, African and East Asian Ethnicities (from the CONFIRM [Coronary CT] Tj ETQq1 1 0.784314 rgBT /Overlock 56 Journal of Cardiology, 2013, 111, 479-485.	0.7	56
50	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. International Journal of Cardiology, 2017, 231, 18-25.	0.8	56
51	Coronary calcium score as gatekeeper for 64-slice computed tomography coronary angiography in patients with chest pain: per-segment and per-patient analysis. European Radiology, 2009, 19, 2127-2135.	2.3	54
52	Machine Learning Framework to Identify Individuals at Risk of Rapid Progression of Coronary Atherosclerosis: From the PARADIGM Registry. Journal of the American Heart Association, 2020, 9, e013958.	1.6	53
53	Diagnostic accuracy of computed tomography coronary angiography in patients with a zero calcium score. European Radiology, 2010, 20, 81-87.	2.3	52
54	Computed Tomography Coronary Angiography in Patients With Acute Myocardial Infarction Without Significant Coronary Stenosis. Circulation, 2012, 126, 3000-3007.	1.6	51

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55	Prognostic Assessment of Coronary Artery Bypass Patients With 64-Slice Computed Tomography Angiography. <i>Journal of the American College of Cardiology</i> , 2011, 58, 2389-2395.	1.2	50
56	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.	3.9	47
57	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, 22-27.	0.7	46
58	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.	0.8	45
59	Sex-based Prognostic Implications of Nonobstructive Coronary Artery Disease: Results from the International Multicenter CONFIRM Study. <i>Radiology</i> , 2014, 273, 393-400.	3.6	45
60	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 233-242.	2.3	44
61	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, 13-19.	0.8	43
62	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, 846-854.	2.3	41
63	Low dose CT of the heart: a quantum leap into a new era of cardiovascular imaging. <i>Radiologia Medica</i> , 2010, 115, 1179-1207.	4.7	41
64	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. <i>Atherosclerosis</i> , 2021, 324, 46-51.	0.4	41
65	Diagnostic accuracy of 64-slice computed tomography coronary angiography in patients with low-to-intermediate risk. <i>Radiologia Medica</i> , 2007, 112, 969-981.	4.7	40
66	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, 1675-1679.	0.7	39
67	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, 944-953.	2.3	39
68	Myocardial blood flow quantification for evaluation of coronary artery disease by computed tomography. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, 129-150.	0.7	39
69	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.	2.7	39
70	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, 988-993.	0.8	38
71	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	38
72	Predictive Value of Chest CT in Patients with Cystic Fibrosis: A Single-Center 10-Year Experience. <i>American Journal of Roentgenology</i> , 2008, 190, 1475-1480.	1.0	36

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73	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) Tj ETQq1 1 0.784314 rgBT / Overl	0.5	36
74	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. European Heart Journal Cardiovascular Imaging, 2020, 21, 479-488.	0.5	36
75	Coronary artery calcium score on low-dose computed tomography for lung cancer screening. World Journal of Radiology, 2014, 6, 381.	0.5	36
76	What have we learned from CONFIRM? Prognostic implications from a prospective multicenter international observational cohort study of consecutive patients undergoing coronary computed tomographic angiography. Journal of Nuclear Cardiology, 2012, 19, 787-795.	1.4	35
77	Current but not past smoking increases the risk of cardiac events: insights from coronary computed tomographic angiography. European Heart Journal, 2015, 36, 1031-1040.	1.0	34
78	Under-reporting of cardiovascular findings on chest CT. Radiologia Medica, 2016, 121, 190-199.	4.7	34
79	Incremental prognostic value of coronary computed tomography angiography over coronary calcium scoring for major adverse cardiac events in elderly asymptomatic individuals. European Heart Journal Cardiovascular Imaging, 2018, 19, 675-683.	0.5	34
80	A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA. JACC: Cardiovascular Imaging, 2020, 13, 2162-2173.	2.3	34
81	CT coronary angiography and exercise ECG in a population with chest pain and low-to-intermediate pre-test likelihood of coronary artery disease. Heart, 2010, 96, 1973-1979.	1.2	33
82	Heart rate control with oral ivabradine in computed tomography coronary angiography: A randomized comparison of 7.5mg vs 5mg regimen. International Journal of Cardiology, 2013, 168, 362-368.	0.8	33
83	Coronary dominance and prognosis in patients undergoing coronary computed tomographic angiography: results from the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes:) Tj ETQq1 1 0.784314 rgBT / Overl 853-862.	0.5	32
84	Noninvasive evaluation of the celiac trunk and superior mesenteric artery with multislice CT in patients with chronic mesenteric ischaemia. Radiologia Medica, 2008, 113, 1135-1142.	4.7	31
85	Quantification of epicardial adipose tissue in coronary calcium score and CT coronary angiography image data sets: comparison of attenuation values, thickness and volumes. British Journal of Radiology, 2016, 89, 20150773.	1.0	31
86	Predictive Value of Age- and Sex-Specific Nomograms of Global Plaque Burden on Coronary Computed Tomography Angiography for Major Cardiac Events. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	31
87	Prognostic significance of calcified plaque among symptomatic patients with nonobstructive coronary artery disease. Journal of Nuclear Cardiology, 2014, 21, 453-466.	1.4	30
88	Medical History for Prognostic Risk Assessment and Diagnosis of Stable Patients with Suspected Coronary Artery Disease. American Journal of Medicine, 2015, 128, 871-878.	0.6	30
89	Improved 5-year prediction of all-cause mortality by coronary CT angiography applying the CONFIRM score. European Heart Journal Cardiovascular Imaging, 2017, 18, 286-293.	0.5	30
90	Prognostic value of computed tomography coronary angiography in patients with chest pain of suspected cardiac origin. Radiologia Medica, 2011, 116, 690-705.	4.7	29

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91	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, 490-499.	0.5	29
92	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.	0.7	29
93	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, 718-726.	3.6	28
94	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, 368-384.	4.7	27
95	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.	0.4	27
96	A Clinical Model to Identify Patients With High-Risk Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 427-434.	2.3	26
97	Sex Differences in Compositional Plaque Volume Progression in Patients With Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2386-2396.	2.3	26
98	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.	2.8	26
99	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.	0.5	26
100	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.	1.1	26
101	64-slice computed tomography coronary angiography: diagnostic accuracy in the real world. <i>Radiologia Medica</i> , 2008, 113, 163-180.	4.7	25
102	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, 627-643.	4.7	25
103	Lights and shadows of cardiac magnetic resonance imaging in acute myocarditis. <i>Insights Into Imaging</i> , 2016, 7, 99-110.	1.6	25
104	Longitudinal assessment of coronary plaque volume change related to glycemic status using serial coronary computed tomography angiography: A PARADIGM (Progression of Atherosclerotic Plaque) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 5 Computed Tomography, 2019, 13, 142-147.	0.7	25
105	Increased long-term mortality in women with high left ventricular ejection fraction: data from the CONFIRM (COronary CT Angiography Evaluation For Clinical Outcomes: An InteRnational Multicenter) long-term registry. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 363-374.	0.5	25
106	Spectrum of collateral findings in multislice CT coronary angiography. <i>Radiologia Medica</i> , 2007, 112, 937-948.	4.7	24
107	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.	0.5	23
108	Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning. <i>PLoS ONE</i> , 2020, 15, e0232573.	1.1	23

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109	Coronary variants and anomalies: Methodology of visualisation with 64-slice CT and prevalence in 202 consecutive patients. <i>Radiologia Medica</i> , 2007, 112, 1117-1131.	4.7	22
110	Computed tomography coronary angiography vs. stress ECG in patients with stable angina. <i>Radiologia Medica</i> , 2009, 114, 513-523.	4.7	22
111	Age- and gender-specific differences in the prognostic value of CT coronary angiography. <i>Heart</i> , 2012, 98, 232-237.	1.2	22
112	CT coronary angiography at an ultra-low radiation dose (<0.1ÂmSv): feasible and viable in times of constraint on healthcare costs. <i>European Radiology</i> , 2013, 23, 607-613.	2.3	22
113	Italian registry of cardiac magnetic resonance. <i>European Journal of Radiology</i> , 2014, 83, e15-e22.	1.2	22
114	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, 337-344.	0.6	21
115	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.	1.4	21
116	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.	0.8	21
117	Coronary plaque imaging with multislice computed tomography: technique and clinical applications. <i>European Radiology, Supplement</i> , 2006, 16, M44-M53.	1.8	20
118	Imaging techniques for the vulnerable coronary plaque. <i>Radiologia Medica</i> , 2007, 112, 637-659.	4.7	20
119	Comparison of iodinated contrast media for the assessment of atherosclerotic plaque attenuation values by CT coronary angiography: observations in an<i>ex vivo</i> model. <i>British Journal of Radiology</i> , 2013, 86, 20120238-20120238.	1.0	20
120	Italian Registry of Cardiac Computed Tomography. <i>Radiologia Medica</i> , 2015, 120, 919-929.	4.7	20
121	Insight from imaging on plaque vulnerability: similarities and differences between coronary and carotid arteriesâ€”implications for systemic therapies. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1150-1162.	0.7	20
122	Relationship Between Coronary Artery Calcium and Atherosclerosis Progression Among Patients With Suspected Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1063-1074.	2.3	20
123	Prevalence and characteristics of coronary artery disease in a population with suspected ischaemic heart disease using CT coronary angiography: correlations with cardiovascular risk factors and clinical presentation. <i>Radiologia Medica</i> , 2008, 113, 363-372.	4.7	19
124	Functional parameters of the left ventricle: comparison of cardiac MRI and cardiac CT in a large population. <i>Radiologia Medica</i> , 2010, 115, 702-713.	4.7	19
125	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.	0.5	19
126	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 322-330.	0.7	19

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127	Association Between Changes in Perivascular Adipose Tissue Density and Plaque Progression. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 1760-1767.	2.3	19
128	High-Resolution CT in Diagnosis of Diffuse Infiltrative Lung Disease. <i>Seminars in Ultrasound, CT and MRI</i> , 2005, 26, 332-347.	0.7	18
129	Plaque imaging with CT coronary angiography: Effect of intra-vascular attenuation on plaque type classification. <i>World Journal of Radiology</i> , 2012, 4, 265.	0.5	18
130	Atherosclerotic pattern of coronary myocardial bridging assessed with CT coronary angiography. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 405-414.	0.7	18
131	Current trends in patients with chronic total occlusions undergoing coronary CT angiography. <i>Heart</i> , 2015, 101, 1212-1218.	1.2	18
132	Chest pain: coronary CT in the ER. <i>British Journal of Radiology</i> , 2016, 89, 20150954.	1.0	18
133	Usefulness of baseline statin therapy in non-obstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (COronary CT Angiography Evaluation For Treatment Over Time) Study. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 143-150.	0.7	18
134	Coronary atherosclerosis scoring with semiquantitative CCTA risk scores for prediction of major adverse cardiac events: Propensity score-based analysis of diabetic and non-diabetic patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 251-257.	0.7	18
135	Impact of Non-obstructive left main disease on the progression of coronary artery disease: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 231-237.	0.7	17
136	Sensitivity and Specificity of Magnetic Resonance Enterography in the Clinical Management of Fistulizing Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2013, 19, 1.	0.9	16
137	The presence of remodeled and mixed atherosclerotic plaques at coronary ct angiography predicts major cardiac adverse events – The CAFÉ-PIE Study. <i>International Journal of Cardiology</i> , 2016, 215, 325-331.	0.8	16
138	Topological Data Analysis of Coronary Plaques Demonstrates the Natural History of Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1410-1421.	2.3	16
139	Evaluation of Coronary Atherosclerosis by Multislice Computed Tomography in Patients With Acute Myocardial Infarction and Without Significant Coronary Artery Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2008, 1, 205-211.	1.3	15
140	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.	0.7	15
141	Association of Tube Voltage With Plaque Composition on Coronary CT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2429-2440.	2.3	15
142	Diagnostic accuracy of 64-slice CT in the assessment of coronary stents. <i>Radiologia Medica</i> , 2007, 112, 526-537.	4.7	14
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