Filippo Cademartiri

List of Publications by Year
in descending order

565 papers	20,881 citations	11651 70 h-index	14759 127 g-index
625 all docs	625 docs citations	625 times ranked	11782 citing authors

#	ARTICLE	IF	CITATIONS
1	High-Resolution Spiral Computed Tomography Coronary Angiography in Patients Referred for Diagnostic Conventional Coronary Angiography. Circulation, 2005, 112, 2318-2323.	1.6	952
2	Reliable Noninvasive Coronary Angiography With Fast Submillimeter Multislice Spiral Computed Tomography. Circulation, 2002, 106, 2051-2054.	1.6	907
3	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
4	Cardiac computed tomography: indications, applications, limitations, and training requirements: Report of a Writing Group deployed by the Working Group Nuclear Cardiology and Cardiac CT of the European Society of Cardiology and the European Council of Nuclear Cardiology. European Heart Journal, 2008, 29, 531-556.	2.2	487
5	Machine learning for prediction of all-cause mortality in patients with suspected coronary artery disease: a 5-year multicentre prospective registry analysis. European Heart Journal, 2017, 38, ehw188.	2.2	447
6	A clinical prediction rule for the diagnosis of coronary artery disease: validation, updating, and extension. European Heart Journal, 2011, 32, 1316-1330.	2.2	427
7	Multislice spiral computed tomography coronary angiography in patients with stable angina pectoris. Journal of the American College of Cardiology, 2004, 43, 2265-2270.	2.8	376
8	Diagnostic accuracy of non-invasive 64-slice CT coronary angiography in patients with stable angina pectoris. European Radiology, 2006, 16, 575-582.	4.5	356
9	64-Slice Computed Tomography Coronary Angiography in Patients With High, Intermediate, or Low Pretest Probability of Significant Coronary Artery Disease. Journal of the American College of Cardiology, 2007, 50, 1469-1475.	2.8	340
10	Effects of Statins on CoronaryÂAtherosclerotic Plaques. JACC: Cardiovascular Imaging, 2018, 11, 1475-1484.	5.3	335
11	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. Journal of the American College of Cardiology, 2018, 71, 2511-2522.	2.8	328
12	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
13	Improved diagnostic accuracy with 16-row multi-slice computed tomography coronary angiography. Journal of the American College of Cardiology, 2005, 45, 128-132.	2.8	280
14	Intravenous Contrast Material Administration at 16â€"Detector Row Helical CT Coronary Angiography: Test Bolus versus Bolus-tracking Technique. Radiology, 2004, 233, 817-823.	7.3	264
15	Influence of intracoronary attenuation on coronary plaque measurements using multislice computed tomography: observations in an ex vivo model of coronary computed tomography angiography. European Radiology, 2005, 15, 1426-1431.	4.5	263
16	Performance of the Traditional Age, Sex, and Angina Typicalityâ€"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
17	Prediction model to estimate presence of coronary artery disease: retrospective pooled analysis of existing cohorts. BMJ, The, 2012, 344, e3485-e3485.	6.0	225
18	Optimized Prognostic Score for Coronary Computed Tomographic Angiography. Journal of the American College of Cardiology, 2013, 62, 468-476.	2.8	224

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19	Pre-Operative Computed Tomography Coronary Angiography to Detect Significant Coronary Artery Disease in Patients Referred for Cardiac Valve Surgery. Journal of the American College of Cardiology, 2006, 48, 1658-1665.	2.8	215
20	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
21	Incremental Prognostic Value of Cardiac Computed Tomography in Coronary Artery Disease Using CONFIRM. Circulation: Cardiovascular Imaging, 2011, 4, 463-472.	2.6	201
22	Prediction of Left Ventricular Function After Drug-Eluting Stent Implantation for Chronic Total Coronary Occlusions. Journal of the American College of Cardiology, 2006, 47, 721-725.	2.8	189
23	Effects of Primary Angioplasty for Acute Myocardial Infarction on Early and Late Infarct Size and Left Ventricular Wall Characteristics. Journal of the American College of Cardiology, 2006, 47, 40-44.	2.8	169
24	Parameters Affecting Bolus Geometry in CTA: A Review. Journal of Computer Assisted Tomography, 2002, 26, 598-607.	0.9	165
25	Value of preprocedure multislice computed tomographic coronary angiography to predict the outcome of percutaneous recanalization of chronic total occlusions. American Journal of Cardiology, 2005, 95, 240-243.	1.6	164
26	Intravenous Contrast Material Administration at Helical 16–Detector Row CT Coronary Angiography: Effect of Iodine Concentration on Vascular Attenuation. Radiology, 2005, 236, 661-665.	7.3	163
27	Use of 64-slice CT in symptomatic patients after coronary bypass surgery: evaluation of grafts and coronary arteries. European Heart Journal, 2007, 28, 1879-1885.	2.2	161
28	Multislice Spiral Computed Tomography for the Evaluation of Stent Patency After Left Main Coronary Artery Stenting. Circulation, 2006, 114, 645-653.	1.6	155
29	Rationale and design of the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes: An) Tj ETQq1 1 0.784314 rgBT /O	1.3	152
30	Prognostic and Therapeutic Implications of Statin and Aspirin Therapy in Individuals With Nonobstructive Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 981-989.	2.4	147
31	Coronary Computed Tomographic Angiography as a Gatekeeper to Invasive Diagnostic and Surgical Procedures. Journal of the American College of Cardiology, 2012, 60, 2103-2114.	2.8	144
32	Prevalence of anatomical variants and coronary anomalies in 543 consecutive patients studied with 64-slice CT coronary angiography. European Radiology, 2008, 18, 781-791.	4.5	140
33	Multislice Computed Tomography and Magnetic Resonance Imaging for the Assessment of Reperfused Acute Myocardial Infarction. Journal of the American College of Cardiology, 2006, 48, 144-152.	2.8	137
34	Usefulness of 64-Slice Multislice Computed Tomography Coronary Angiography to Assess In-Stent Restenosis. Journal of the American College of Cardiology, 2007, 49, 2204-2210.	2.8	137
35	Reliable High-Speed Coronary Computed Tomography in Symptomatic Patients. Journal of the American College of Cardiology, 2007, 50, 786-794.	2.8	137
36	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. Journal of Cardiovascular Computed Tomography, 2018, 12, 204-209.	1.3	137

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37	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. European Heart Journal, 2020, 41, 359-367.	2.2	137
38	Left Anterior Descending Artery Myocardial Bridging. Journal of the American College of Cardiology, 2016, 68, 2887-2899.	2.8	135
39	Left and right ventricle assessment with Cardiac CT: validation study vs. Cardiac MR. European Radiology, 2012, 22, 1041-1049.	4.5	127
40	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
41	Optimal Electrocardiographic Pulsing Windows and Heart Rate: Effect on Image Quality and Radiation Exposure at Dual-Source Coronary CT Angiography. Radiology, 2008, 248, 792-798.	7.3	113
42	Noninvasive Detection of Subclinical Coronary Atherosclerosis Coupled With Assessment of Changes in Plaque Characteristics Using Novel Invasive Imaging Modalities. Journal of the American College of Cardiology, 2006, 47, 1134-1142.	2.8	112
43	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. European Heart Journal, 2015, 36, 501-508.	2.2	111
44	Sex-Specific Associations Between Coronary Artery Plaque Extent and Risk ofÂMajor Adverse Cardiovascular Events. JACC: Cardiovascular Imaging, 2016, 9, 364-372.	5.3	108
45	Non-invasive 16-row multislice CT coronary angiography: usefulness of saline chaser. European Radiology, 2004, 14, 178-183.	4.5	106
46	Dual source coronary computed tomography angiography for detecting in-stent restenosis. Heart, 2008, 94, 848-854.	2.9	105
47	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. Atherosclerosis, 2014, 232, 298-304.	0.8	102
48	Diagnostic Accuracy of Computed Tomography Angiography in Patients After Bypass Grafting. JACC: Cardiovascular Imaging, 2009, 2, 816-824.	5.3	100
49	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. European Heart Journal Cardiovascular Imaging, 2014, 15, 267-274.	1.2	100
50	Prognostic value of coronary computed tomographic angiography findings in asymptomatic individuals: a 6-year follow-up from the prospective multicentre international CONFIRM study. European Heart Journal, 2018, 39, 934-941.	2.2	100
51	64-Slice CT coronary angiography in patients with non-ST elevation acute coronary syndrome. Heart, 2007, 93, 1386-1392.	2.9	95
52	Higher Intracoronary Attenuation Improves Diagnostic Accuracy in MDCT Coronary Angiography. American Journal of Roentgenology, 2006, 187, W430-W433.	2.2	92
53	The Coronary Artery Diseaseâ€"Reporting and Data System (CAD-RADS). JACC: Cardiovascular Imaging, 2018, 11, 78-89.	5.3	91
54	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. JAMA Cardiology, 2020, 5, 282.	6.1	90

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55	Recovery of left ventricular function after primary angioplasty for acute myocardial infarction. European Heart Journal, 2005, 26, 1070-1077.	2.2	87
56	Learning Curve for Coronary CT Angiography: What Constitutes Sufficient Training?. Radiology, 2009, 251, 359-368.	7.3	85
57	Sixteen–Detector Row CT Angiography of Carotid Arteries: Comparison of Different Volumes of Contrast Material with and without a Bolus Chaser. Radiology, 2005, 237, 555-562.	7.3	84
58	Influence of intra-coronary enhancement on diagnostic accuracy with 64-slice CT coronary angiography. European Radiology, 2008, 18, 576-583.	4.5	82
59	Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2018, 11, e007562.	2.6	81
60	Noninvasive Angiographic Evaluation of Coronary Stents with Multi-Slice Spiral Computed Tomography. Herz, 2003, 28, 136-142.	1.1	80
61	Body mass index and the prevalence, severity, and risk of coronary artery disease: an international multicentre study of 13 874 patients. European Heart Journal Cardiovascular Imaging, 2013, 14, 456-463.	1.2	80
62	High Iodine Concentration Contrast Material for Noninvasive Multislice Computed Tomography Coronary Angiography. Investigative Radiology, 2006, 41, 349-353.	6.2	79
63	Improving Diagnostic Accuracy of MDCT Coronary Angiography in Patients with Mild Heart Rhythm Irregularities Using ECG Editing. American Journal of Roentgenology, 2006, 186, 634-638.	2.2	79
64	Relationship and Prognostic Value of Modified Coronary Artery Calcium Score, FEV_1, and Emphysema in Lung Cancer Screening Population: The MILD Trial. Radiology, 2012, 262, 460-467.	7.3	78
65	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. JACC: Cardiovascular Imaging, 2019, 12, 1987-1997.	5.3	78
66	Age-related risk of major adverse cardiac event risk and coronary artery disease extent and severity by coronary CT angiography: results from 15 187 patients from the International Multisite CONFIRM Study. European Heart Journal Cardiovascular Imaging, 2014, 15, 586-594.	1.2	77
67	Impact of Heart Rate Frequency and Variability on Radiation Exposure, Image Quality, and Diagnostic Performance in Dual-Source Spiral CT Coronary Angiography. Radiology, 2009, 253, 672-680.	7.3	76
68	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. American Heart Journal, 2016, 182, 72-79.	2.7	75
69	LAD Coronary Artery Myocardial Bridging and Apical Ballooning Syndrome. JACC: Cardiovascular Imaging, 2013, 6, 32-41.	5.3	73
70	Noninvasive Assessment of Coronary Plaque Burden Using Multislice Computed Tomography. American Journal of Cardiology, 2005, 95, 1165-1169.	1.6	72
71	Statins use and coronary artery plaque composition: Results from the International Multicenter CONFIRM Registry. Atherosclerosis, 2012, 225, 148-153.	0.8	72
72	Usefulness of Multislice Computed Tomographic Coronary Angiography to Assess In-Stent Restenosis. American Journal of Cardiology, 2005, 96, 799-802.	1.6	71

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73	Long-Term Prognostic Utility of Coronary CT Angiography in Stable Patients With Diabetes Mellitus. JACC: Cardiovascular Imaging, 2016, 9, 1280-1288.	5.3	70
74	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. JAMA Cardiology, 2021, 6, 1257.	6.1	70
75	COVID-19 and risk of pulmonary fibrosis: the importance of planning ahead. European Journal of Preventive Cardiology, 2020, 27, 1442-1446.	1.8	69
76	Comparison of Diagnostic Accuracy of 64-Slice Computed Tomography Coronary Angiography in Women Versus Men With Angina Pectoris. American Journal of Cardiology, 2007, 100, 1532-1537.	1.6	68
77	Diabetes: Prognostic Value of CT Coronary Angiography—Comparison with a Nondiabetic Population. Radiology, 2010, 256, 83-92.	7.3	68
78	Automatic Quantitative Left Ventricular Analysis of Cine MR Images by Using Three-dimensional Information for Contour Detection. Radiology, 2006, 240, 215-221.	7.3	67
79	Image Quality and Radiation Exposure Using Different Low-Dose Scan Protocols in Dual-Source CT Coronary Angiography: Randomized Study. Radiology, 2011, 261, 779-786.	7.3	67
80	Multidetector CT for Visualization of Coronary Stents. Radiographics, 2006, 26, 887-904.	3.3	66
81	Diagnostic Performance of Coronary CT Angiography by Using Different Generations of Multisection Scanners: Single-Center Experience. Radiology, 2008, 246, 384-393.	7.3	65
82	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 37	2.2	65
83	"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.	4.5	64
84	Diagnostic Accuracy and Clinical Utility of Noninvasive Testing for Coronary Artery Disease. Annals of Internal Medicine, 2010, 152, 630.	3.9	64
85	Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography. JACC: Cardiovascular Imaging, 2018, 11, 1461-1471.	5.3	64
86	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.	4.5	63
87	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.	4.5	62
88	Diagnostic accuracy of multislice computed tomography coronary angiography is improved at low heart rates. International Journal of Cardiovascular Imaging, 2006, 22, 101-105.	1.5	61
89	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.	1.2	60
90	Impact of Family History of Coronary Artery Disease in Young Individuals (from the CONFIRM Registry). American Journal of Cardiology, 2013, 111, 1081-1086.	1.6	58

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91	Differences in Progression to Obstructive Lesions per High-Risk Plaque Features and Plaque Volumes With CCTA. JACC: Cardiovascular Imaging, 2020, 13, 1409-1417.	5.3	58
92	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.	2.1	57
93	Relationship of Hypertension to Coronary Atherosclerosis and Cardiac Events in Patients With Coronary Computed Tomographic Angiography. Hypertension, 2017, 70, 293-299.	2.7	57
94	Multi–Detector Row CT Angiography in Patients with Abdominal Angina. Radiographics, 2004, 24, 969-984.	3.3	56
95	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 Journal of Cardiology, 2013, 111, 479-485.	1.6	56
96	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.	1.7	56
97	Test-Bolus versus Bolus-tracking Techniques for CT Angiographic Timing. Radiology, 2005, 236, 369-370.	7.3	54
98	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.	4.5	54
99	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.	3.7	53
100	Diagnostic accuracy of computed tomography coronary angiography in patients with a zero calcium score. European Radiology, 2010, 20, 81-87.	4.5	52
101	Impact of Coronary Calcium Score on Diagnostic Accuracy for the detection of Significant Coronary Stenosis With Multislice Computed Tomography Angiography. American Journal of Cardiology, 2005, 95, 1225-1227.	1.6	51
102	Computed Tomography Coronary Angiography in Patients With Acute Myocardial Infarction Without Significant Coronary Stenosis. Circulation, 2012, 126, 3000-3007.	1.6	51
103	Clinical indications for cardiac computed tomography. From the Working Group of the Cardiac Radiology Section of the Italian Society of Medical Radiology (SIRM). Radiologia Medica, 2012, 117, 901-938.	7.7	51
104	Prognostic Assessment of Coronary Artery Bypass Patients With 64-Slice Computed Tomography Angiography. Journal of the American College of Cardiology, 2011, 58, 2389-2395.	2.8	50
105	Liver haemangiomas undetermined at grey-scale ultrasound: contrast-enhancement patterns with SonoVue and pulse-inversion US. European Radiology, 2005, 15, 685-693.	4.5	49
106	A semi-automatic approach for epicardial adipose tissue segmentation and quantification on cardiac CT scans. Computers in Biology and Medicine, 2019, 114, 103424.	7.0	47
107	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. Journal of Cardiovascular Computed Tomography, 2016, 10, 22-27.	1.3	46
108	Incremental value and safety of oral ivabradine for heart rate reduction in computed tomography coronary angiography. International Journal of Cardiology, 2012, 156, 28-33.	1.7	45

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109	Sex-based Prognostic Implications of Nonobstructive Coronary Artery Disease: Results from the International Multicenter CONFIRM Study. Radiology, 2014, 273, 393-400.	7.3	45
110	Peliosis hepatis with pseudotumoral and hemorrhagic evolution: CT and MR findings. Abdominal Imaging, 2001, 26, 197-199.	2.0	44
111	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2021, 14, 233-242.	5.3	44
112	Preserved Diagnostic Performance of Dual-Source CT Coronary Angiography with Reduced Radiation Exposure and Cancer Risk. Radiology, 2009, 252, 53-60.	7.3	43
113	The coronary calcium score is a more accurate predictor of significant coronary stenosis than conventional risk factors in symptomatic patients: Euro-CCAD study. International Journal of Cardiology, 2016, 207, 13-19.	1.7	43
114	Benign focal liver lesions: spectrum of findings on SonoVue-enhanced pulse-inversion ultrasonography. European Radiology, 2005, 15, 1643-1649.	4.5	42
115	PCI versus CABG for multivessel coronary disease in diabetics. Catheterization and Cardiovascular Interventions, 2009, 73, 50-58.	1.7	42
116	3D reconstruction techniques made easy: know-how and pictures. European Radiology, 2005, 15, 2146-2156.	4.5	41
117	Prevalence of myocardial bridging and correlation with coronary atherosclerosis studied with 64-slice CT coronary angiography. Radiologia Medica, 2009, 114, 1024-1036.	7.7	41
118	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. European Radiology, 2010, 20, 846-854.	4.5	41
119	Low dose CT of the heart: a quantum leap into a new era of cardiovascular imaging. Radiologia Medica, 2010, 115, 1179-1207.	7.7	41
120	ECR 2012 Book of Abstracts - Disclosures. Insights Into Imaging, 2012, 3, 451-453.	3.4	41
121	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. Atherosclerosis, 2021, 324, 46-51.	0.8	41
122	Introduction to coronary imaging with 64-slice computed tomography. Radiologia Medica, 2005, 110, 16-41.	7.7	41
123	Diagnostic accuracy of 64-slice computed tomography coronary angiography in patients with low-to-intermediate risk. Radiologia Medica, 2007, 112, 969-981.	7.7	40
124	Impact of Clinical Presentation and Pretest Likelihood on the Relation Between Calcium Score and Computed Tomographic Coronary Angiography. American Journal of Cardiology, 2010, 106, 1675-1679.	1.6	39
125	Assessment of coronary artery disease and calcified coronary plaque burden by computed tomography in patients with and without diabetes mellitus. European Radiology, 2011, 21, 944-953.	4.5	39
126	Myocardial blood flow quantification for evaluation of coronary artery disease by computed tomography. Cardiovascular Diagnosis and Therapy, 2017, 7, 129-150.	1.7	39

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127	Diagnostic performance of non-invasive imaging for stable coronary artery disease: A meta-analysis. International Journal of Cardiology, 2020, 300, 276-281.	1.7	39
128	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. Cardiovascular Diabetology, 2020, 19, 113.	6.8	39
129	Role of cardiac MRI in evaluating patients with Anderson-Fabry disease: assessing cardiac effects of long-term enzyme replacement therapy. Radiologia Medica, 2012, 117, 19-28.	7.7	38
130	Carotid intima media thickness and coronary atherosclerosis linkage in symptomatic intermediate risk patients evaluated by coronary computed tomography angiography. International Journal of Cardiology, 2014, 176, 988-993.	1.7	38
131	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	38
132	Adjunctive value of CT coronary angiography in the diagnostic work-up of patients with typical angina pectoris. European Heart Journal, 2007, 28, 1872-1878.	2.2	37
133	CT Myocardial Perfusion Imaging: A New Frontier in Cardiac Imaging. BioMed Research International, 2018, 2018, 1-21.	1.9	37
134	Rationale and methods of the integrated biomarker and imaging study (IBIS): combining invasive and non-invasive imaging with biomarkers to detect subclinical atherosclerosis and assess coronary lesion biology. International Journal of Cardiovascular Imaging, 2005, 21, 425-441.	1.5	36
135	Detection and characterization of coronary bifurcation lesions with 64-slice computed tomography coronary angiography. European Heart Journal, 2007, 28, 1968-1976.	2.2	36
136	Predictive Value of Chest CT in Patients with Cystic Fibrosis: A Single-Center 10-Year Experience. American Journal of Roentgenology, 2008, 190, 1475-1480.	2.2	36
137	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 /Overloc		36
138	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.	1.2	36
139	Coronary artery calcium score on low-dose computed tomography for lung cancer screening. World Journal of Radiology, 2014, 6, 381.	1.1	36
140	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.	2.1	35
141	Non-invasive multislice CT coronary imaging. Heart, 2005, 91, 401-407.	2.9	34
142	Current but not past smoking increases the risk of cardiac events: insights from coronary computed tomographic angiography. European Heart Journal, 2015, 36, 1031-1040.	2.2	34
143	Under-reporting of cardiovascular findings on chest CT. Radiologia Medica, 2016, 121, 190-199.	7.7	34
144	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.	1.2	34

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145	A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA. JACC: Cardiovascular Imaging, 2020, 13, 2162-2173.	5.3	34
146	CT and MR Colonography: Scanning Techniques, Postprocessing, and Emphasis on Polyp Detection. Radiographics, 2004, 24, e18-e18.	3.3	34
147	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.	2.9	33
148	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.	1.7	33
149	Coronary artery anomalies: incidence, pathophysiology, clinical relevance and role of diagnostic imaging. Radiologia Medica, 2006, 111, 376-391.	7.7	32
150	Optimization of CT Angiography of the Carotid Artery with a 16-MDCT Scanner: Craniocaudal Scan Direction Reduces Contrast Material-Related Perivenous Artifacts. American Journal of Roentgenology, 2006, 186, 1737-1745.	2.2	32
151	Assessment of Acute Reperfused Myocardial Infarction with Delayed Enhancement 64-MDCT. American Journal of Roentgenology, 2007, 188, W135-W137.	2.2	32
152	Coronary dominance and prognosis in patients undergoing coronary computed tomographic angiography: results from the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes:) Tj ETQq0 0 0 rgBT /Overlock 10 T 853-862.	1.2	32
153	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.	7.7	31
154	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.	2.2	31
155	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, .	2.6	31
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