Gianluca Pontone

List of Publications by Year
in descending order

		20759	20900
433 papers	18,314 citations	60 h-index	115 g-index
441 all docs	441 docs citations	441 times ranked	14662 citing authors

#	Article	IF	Citations
1	2020 ESC Guidelines for the management of acute coronary syndromes in patients presenting without persistent ST-segment elevation. European Heart Journal, 2021, 42, 1289-1367.	1.0	3,048
2	SCCT guidelines for the interpretation and reporting of coronary CT angiography: A report of the Society of Cardiovascular Computed Tomography Guidelines Committee. Journal of Cardiovascular Computed Tomography, 2014, 8, 342-358.	0.7	755
3	Clinical outcomes of fractional flow reserve by computed tomographic angiography-guided diagnostic strategies vs. usual care in patients with suspected coronary artery disease: the prospective longitudinal trial of FFR$_{CT}$: outcome and resource impacts study. European Heart Journal, 2015, 36, 3359-3367.	1.0	467
4	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.	1.0	447
5	Effects of Statins on CoronaryÂAtherosclerotic Plaques. JACC: Cardiovascular Imaging, 2018, 11, 1475-1484.	2.3	335
6	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. Journal of the American College of Cardiology, 2018, 71, 2511-2522.	1.2	328
7	Clinical applications of machine learning in cardiovascular disease and its relevance to cardiac imaging. European Heart Journal, 2019, 40, 1975-1986.	1.0	327
8	Cardiac MR With Late Gadolinium Enhancement in Acute Myocarditis WithÂPreserved Systolic Function. Journal of the American College of Cardiology, 2017, 70, 1977-1987.	1.2	323
9	1-Year Outcomes of FFRCT-Guided Care in Patients With Suspected Coronary Disease. Journal of the American College of Cardiology, 2016, 68, 435-445.	1.2	313
10	COVID-19 pandemic and cardiac imaging: EACVI recommendations on precautions, indications, prioritization, and protection for patients and healthcare personnel. European Heart Journal Cardiovascular Imaging, 2020, 21, 592-598.	0.5	237
11	Real-world clinical utility and impact on clinical decision-making of coronary computed tomography angiography-derived fractional flow reserve: lessons from the ADVANCE Registry. European Heart Journal, 2018, 39, 3701-3711.	1.0	214
12	1-Year Impact on Medical Practice and Clinical Outcomes of FFRCT. JACC: Cardiovascular Imaging, 2020, 13, 97-105.	2.3	204
13	Microembolization During Carotid Artery Stenting in Patients With High-Risk, Lipid-Rich Plaque. Journal of the American College of Cardiology, 2011, 58, 1656-1663.	1.2	181
14	A Long-Term Prognostic Value of Coronary CT Angiography in Suspected Coronary Artery Disease. JACC: Cardiovascular Imaging, 2012, 5, 690-701.	2.3	167
15	Quality-of-Life and Economic Outcomes ofÂAssessing Fractional Flow Reserve With Computed Tomography Angiography. Journal of the American College of Cardiology, 2015, 66, 2315-2323.	1.2	164
16	Prognostic Value of Repeating CardiacÂMagnetic Resonance in PatientsÂWith Acute Myocarditis. Journal of the American College of Cardiology, 2019, 74, 2439-2448.	1.2	153
17	Reduction in radiation exposure in cardiovascular computed tomography imaging: results from the PROspective multicenter registry on radiaTion dose Estimates of cardiac CT angIOgraphy iN daily practice in 2017 (PROTECTION VI). European Heart Journal, 2018, 39, 3715-3723.	1.0	149
18	Coronary computed tomography angiography for heart team decision-making in multivessel coronary artery disease. European Heart Journal, 2018, 39, 3689-3698.	1.0	140

#	ARTICLE	IF	CITATIONS
19	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.	0.7	137
20	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.	1.0	137
21	Multiparametric Echocardiography Scores for the Diagnosis of CardiacÂAmyloidosis. JACC: Cardiovascular Imaging, 2020, 13, 909-920.	2.3	136
22	Noncontrast Magnetic Resonance for theÂDiagnosis of Cardiac Amyloidosis. JACC: Cardiovascular Imaging, 2020, 13, 69-80.	2.3	125
23	Long-Term Prognostic Effect of Coronary Atherosclerotic Burden. Circulation: Cardiovascular Imaging, 2015, 8, e002332.	1.3	123
24	CT and MR imaging prior to transcatheter aortic valve implantation: standardisation of scanning protocols, measurements and reportingâ€"a consensus document by the European Society of Cardiovascular Radiology (ESCR). European Radiology, 2020, 30, 2627-2650.	2.3	123
25	Long-Term Prognostic Value of CardiacÂMagnetic Resonance in LeftÂVentricle Noncompaction. Journal of the American College of Cardiology, 2016, 68, 2166-2181.	1.2	121
26	Multi-modality imaging assessment of native valvular regurgitation: an EACVI and ESC council of valvular heart disease position paper. European Heart Journal Cardiovascular Imaging, 2022, 23, e171-e232.	0.5	121
27	Diagnostic Accuracy of Multidetector Computed Tomography Coronary Angiography in Patients With Dilated Cardiomyopathy. Journal of the American College of Cardiology, 2007, 49, 2044-2050.	1.2	117
28	Diagnostic Accuracy of Coronary Computed Tomography Angiography. Journal of the American College of Cardiology, 2009, 54, 346-355.	1.2	114
29	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.	1.0	111
30	Sex-Specific Associations Between Coronary Artery Plaque Extent and Risk ofÂMajor Adverse Cardiovascular Events. JACC: Cardiovascular Imaging, 2016, 9, 364-372.	2.3	108
31	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.	1.0	100
32	Diagnosis of obstructive coronary artery disease using computed tomography angiography in patients with stable chest pain depending on clinical probability and in clinically important subgroups: meta-analysis of individual patient data. BMJ: British Medical Journal, 2019, 365, l1945.	2.4	99
33	Selective Referral Using CCTA Versus Direct Referral for Individuals Referred toÂInvasive Coronary Angiography forÂSuspected CAD. JACC: Cardiovascular Imaging, 2019, 12, 1303-1312.	2.3	99
34	Incremental Prognostic Value of Myocardial Fibrosis in Patients With Nonâ€"Ischemic Cardiomyopathy Without Congestive Heart Failure. Circulation: Heart Failure, 2014, 7, 448-456.	1.6	94
35	Society of Cardiovascular Computed Tomography guidance for use of cardiac computed tomography amidst the COVID-19 pandemic Endorsed by the American College of Cardiology. Journal of Cardiovascular Computed Tomography, 2020, 14, 101-104.	0.7	92
36	The Coronary Artery Diseaseâ€"Reporting and Data System (CAD-RADS). JACC: Cardiovascular Imaging, 2018, 11, 78-89.	2.3	91

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37	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. JAMA Cardiology, 2020, 5, 282.	3.0	90
38	Role of computed tomography in COVID-19. Journal of Cardiovascular Computed Tomography, 2021, 15, 27-36.	0.7	88
39	Image Integration–Guided Catheter Ablation of Atrial Fibrillation: A Prospective Randomized Study. Journal of Cardiovascular Electrophysiology, 2009, 20, 258-265.	0.8	86
40	Reference values of cardiac volumes, dimensions, and new functional parameters by MR: A multicenter, multivendor study. Journal of Magnetic Resonance Imaging, 2017, 45, 1055-1067.	1.9	82
41	Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2018, 11, e007562.	1.3	81
42	Synergistic efficacy of enalapril and losartan on exercise performance and oxygen consumption at peak exercise in congestive heart failure. American Journal of Cardiology, 1999, 84, 1038-1043.	0.7	78
43	Pulmonary function, cardiac function, and exercise capacity in a follow-up of patients with congestive heart failure treated with carvedilol. American Heart Journal, 1999, 138, 460-467.	1.2	78
44	Coronary Artery Disease: Diagnostic Accuracy of CT Coronary Angiography—A Comparison of High and Standard Spatial Resolution Scanning. Radiology, 2014, 271, 688-694.	3.6	78
45	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. JACC: Cardiovascular Imaging, 2019, 12, 1987-1997.	2.3	78
46	Stress Computed Tomography Perfusion Versus Fractional Flow Reserve CT Derived in Suspected Coronary Artery Disease. JACC: Cardiovascular Imaging, 2019, 12, 1487-1497.	2.3	78
47	Three-dimensional dynamic assessment of tricuspid and mitral annuli using cardiovascular magnetic resonance. European Heart Journal Cardiovascular Imaging, 2013, 14, 986-995.	0.5	77
48	Feasibility and accuracy of a comprehensive multidetector computed tomography acquisition for patients referred for balloon-expandable transcatheter aortic valve implantation. American Heart Journal, 2011, 161, 1106-1113.	1.2	76
49	Dynamic Stress Computed Tomography Perfusion With a Whole-Heart Coverage Scanner in Addition to Coronary Computed Tomography Angiography and Fractional Flow Reserve Computed Tomography Derived. JACC: Cardiovascular Imaging, 2019, 12, 2460-2471.	2.3	76
50	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.	1.2	75
51	Incremental Diagnostic Value of Stress Computed Tomography Myocardial Perfusion With Whole-Heart Coverage CT Scanner in Intermediate- to High-Risk Symptomatic Patients Suspected of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2019, 12, 338-349.	2.3	75
52	Long-Term Incremental Prognostic Value of Cardiovascular Magnetic Resonance After ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Imaging, 2018, 11, 813-825.	2.3	73
53	Long-Term Prognostic Utility of Coronary CT Angiography in Stable Patients With Diabetes Mellitus. JACC: Cardiovascular Imaging, 2016, 9, 1280-1288.	2.3	70
54	Feasibility and Accuracy of Automated Software for Transthoracic Three-Dimensional Left Ventricular Volume and Function Analysis: Comparisons with Two-Dimensional Echocardiography, Three-Dimensional Transthoracic Manual Method, and Cardiac Magnetic Resonance Imaging. Journal of the American Society of Echocardiography, 2017, 30, 1049-1058.	1.2	70

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55	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. JAMA Cardiology, 2021, 6, 1257.	3.0	70
56	Development and testing of a deep learning-based strategy for scar segmentation on CMR-LGE images. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 187-195.	1.1	69
57	The role of cardiovascular imaging for myocardial injury in hospitalized COVID-19 patients. European Heart Journal Cardiovascular Imaging, 2020, 21, 709-714.	0.5	69
58	Performance of a deep learning algorithm for the evaluation of CAD-RADS classification with CCTA. Atherosclerosis, 2020, 294, 25-32.	0.4	67
59	Diagnostic accuracy of multidetector computed tomography coronary angiography in 325 consecutive patients referred for transcatheter aortic valve replacement. American Heart Journal, 2014, 168, 332-339.	1.2	66
60	Evaluation of coronary plaque characteristics with coronary computed tomography angiography in patients with non-obstructive coronary artery disease: a long-term follow-up study. European Heart Journal Cardiovascular Imaging, 2017, 18, jew200.	0.5	65
61	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
62	Coronary Plaque Features on CTA CanÂIdentify Patients at Increased Risk ofÂCardiovascular Events. JACC: Cardiovascular Imaging, 2020, 13, 1704-1717.	2.3	64
63	Multimodality imaging assessment of mitral annular disjunction in mitral valve prolapse. Heart, 2021, 107, 25-32.	1.2	62
64	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
65	Feasibility and Accuracy of 3DTEE Versus CT for the Evaluation of Aortic Valve Annulus to Left Main Ostium Distance Before Transcatheter Aortic Valve Implantation. JACC: Cardiovascular Imaging, 2012, 5, 579-588.	2.3	59
66	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
67	Comparison of Feasibility and Accuracy of Transthoracic Echocardiography Versus Computed Tomography in Patients With Known Ascending Aortic Aneurysm. American Journal of Cardiology, 2006, 98, 966-969.	0.7	57
68	Italian multicenter, prospective study to evaluate the negative predictive value of 16- and 64-slice MDCT imaging in patients scheduled for coronary angiography (NIMISCAD-Non Invasive Multicenter) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		
69	Relationship of Hypertension to Coronary Atherosclerosis and Cardiac Events in Patients With Coronary Computed Tomographic Angiography. Hypertension, 2017, 70, 293-299.	1.3	57
70	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
71	Stress Myocardial Perfusion Imaging vs Coronary Computed Tomographic Angiography for Diagnosis of Invasive Vessel-Specific Coronary Physiology. JAMA Cardiology, 2020, 5, 1338.	3.0	55
72	Prognostic Benefit of Cardiac Magnetic Resonance Over Transthoracic Echocardiography for the Assessment of Ischemic and Nonischemic Dilated Cardiomyopathy Patients Referred for the Evaluation of Primary Prevention Implantable Cardioverterâ€"Defibrillator Therapy. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	54

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73	Epicardial fat and coronary artery disease: Role of cardiac imaging. Atherosclerosis, 2021, 321, 30-38.	0.4	54
74	Effect of non-insulin-dependent diabetes mellitus on pulmonary function and exercise tolerance in chronic congestive heart failure. American Journal of Cardiology, 2002, 89, 191-197.	0.7	53
75	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
76	Aspirin worsens exercise performance and pulmonary gas exchange in patients with heart failure who are taking angiotensin-converting enzyme inhibitors. American Heart Journal, 1999, 138, 254-260.	1.2	48
77	Prognostic Stratification of Patients With ST-Segment–Elevation Myocardial Infarction (PROSPECT). Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	48
78	Epicardial adipose tissue is associated with extent of pneumonia and adverse outcomes in patients with COVID-19. Metabolism: Clinical and Experimental, 2021, 115, 154436.	1.5	48
79	Long-Term Effectiveness of Cardiac Resynchronization Therapy in Heart Failure Patients With Unfavorable Cardiac Veins Anatomy. Journal of the American College of Cardiology, 2011, 58, 483-490.	1.2	47
80	The STRATEGY Study (Stress Cardiac Magnetic Resonance Versus Computed Tomography Coronary) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Cardiovascular Imaging, 2016, 9, .	1.3	46
81	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.	0.7	46
82	Atrial Fibrillation: Diagnostic Accuracy of Coronary CT Angiography Performed with a Whole-Heart 230-µm Spatial Resolution CT Scanner. Radiology, 2017, 284, 676-684.	3.6	46
83	Interpreting results of coronary computed tomography angiography-derived fractional flow reserve in clinical practice. Journal of Cardiovascular Computed Tomography, 2017, 11, 383-388.	0.7	46
84	Image quality and radiation dose of coronary CT angiography performed with whole-heart coverage CT scanner with intra-cycle motion correction algorithm in patients with atrial fibrillation. European Radiology, 2018, 28, 1383-1392.	2.3	46
85	AI Evaluation of Stenosis on Coronary CTA, Comparison With Quantitative Coronary Angiography and Fractional Flow Reserve. JACC: Cardiovascular Imaging, 2023, 16, 193-205.	2.3	46
86	Comparison of Feasibility and Diagnostic Accuracy of 64-Slice Multidetector Computed Tomographic Coronary Angiography Versus Invasive Coronary Angiography Versus Intravascular Ultrasound for Evaluation of In-Stent Restenosis. American Journal of Cardiology, 2009, 103, 1349-1358.	0.7	45
87	Coronary In-Stent Restenosis: Assessment with CT Coronary Angiography. Radiology, 2012, 265, 410-417.	3.6	45
88	Rationale, design and goals of the HeartFlow assessing diagnostic value of non-invasive FFR CT in Coronary Care (ADVANCE) registry. Journal of Cardiovascular Computed Tomography, 2017, 11, 62-67.	0.7	45
89	Cardiovascular magnetic resonance imaging in hypertrophic cardiomyopathy: the importance of clinical context. European Heart Journal Cardiovascular Imaging, 2018, 19, 601-610.	0.5	45
90	Sixty-Four–Slice Multidetector Computed Tomography. Circulation: Cardiovascular Imaging, 2009, 2, 199-205.	1.3	44

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91	Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). European Heart Journal, 2018, 39, 286-296.	1.0	44
92	Identification and Quantification of Cardiovascular Structures From CCTA. JACC: Cardiovascular Imaging, 2020, 13, 1163-1171.	2.3	44
93	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. JACC: Cardiovascular Imaging, 2021, 14, 233-242.	2.3	44
94	Chest CT–derived pulmonary artery enlargement at the admission predicts overall survival in COVID-19 patients: insight from 1461 consecutive patients in Italy. European Radiology, 2021, 31, 4031-4041.	2.3	43
95	A Long-Term Prognostic Value of CT Angiography and Exercise ECG in Patients With Suspected CAD. JACC: Cardiovascular Imaging, 2013, 6, 641-650.	2.3	42
96	Comparison of Accuracy of Aortic Root Annulus Assessment With Cardiac Magnetic Resonance Versus Echocardiography and Multidetector Computed Tomography in Patients Referred for Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2013, 112, 1790-1799.	0.7	42
97	Sex Differences in Coronary Computed Tomography Angiography–Derived Fractional Flow Reserve. JACC: Cardiovascular Imaging, 2020, 13, 2576-2587.	2.3	42
98	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. Atherosclerosis, 2021, 324, 46-51.	0.4	41
99	Accuracy of multidetector spiral computed tomography in detecting significant coronary stenosis in patient populations with differing pre-test probabilities of disease. Clinical Radiology, 2007, 62, 978-985.	0.5	40
100	Multidetector Computed Tomography Coronary Angiography for the Assessment of Coronary In-Stent Restenosis. American Journal of Cardiology, 2010, 105, 645-655.	0.7	40
101	Aortic annulus area assessment by multidetector computed tomography for predicting paravalvular regurgitation in patients undergoing balloon-expandable transcatheter aortic valve implantation. American Heart Journal, 2012, 164, 576-584.	1.2	40
102	CT angiography prior to TAVI procedure using third-generation scanner with wide volume coverage: feasibility, renal safety and diagnostic accuracy for coronary tree. British Journal of Radiology, 2018, 91, 20180196.	1.0	40
103	Clinical Risk Prediction in Patients With Left Ventricular MyocardialÂNoncompaction. Journal of the American College of Cardiology, 2021, 78, 643-662.	1.2	40
104	Diagnostic performance of non-invasive imaging for stable coronary artery disease: A meta-analysis. International Journal of Cardiology, 2020, 300, 276-281.	0.8	39
105	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.	2.7	39
106	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.	0.8	38
107	Prognostic value of dipyridamole stress cardiac magnetic resonance in patients with known or suspected coronary artery disease: a mid-term follow-up study. European Radiology, 2016, 26, 2155-2165.	2.3	38
108	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	38

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109	Determinants of Rejection Rate for Coronary CT Angiography Fractional Flow Reserve Analysis. Radiology, 2019, 292, 597-605.	3.6	37
110	Incidence and characterization of acute pulmonary embolism in patients with SARS-CoV-2 pneumonia: A multicenter Italian experience. PLoS ONE, 2021, 16, e0245565.	1.1	37
111	CarDiac magnEtic Resonance for prophylactic Implantable-cardioVerter defibrillAtor ThErapy in Non-Ischaemic dilated CardioMyopathy: an international Registry. Europace, 2021, 23, 1072-1083.	0.7	37
112	Additional value of inflammatory biomarkers and carotid artery disease in prediction of significant coronary artery disease as assessed by coronary computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2017, 18, 1049-1056.	0.5	36
113	Multimodality imaging of left atrium in patients with atrial fibrillation. Journal of Cardiovascular Computed Tomography, 2019, 13, 340-346.	0.7	36
114	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
115	T1 mapping and cardiac magnetic resonance feature tracking in mitral valve prolapse. European Radiology, 2021, 31, 1100-1109.	2.3	36
116	CT Perfusion Versus Coronary CT Angiography in Patients With Suspected In-Stent Restenosis or CAD Progression. JACC: Cardiovascular Imaging, 2020, 13, 732-742.	2.3	35
117	Carotid Wallstent Versus Roadsaver Stent and Distal Versus Proximal Protection onÂCerebral Microembolization During Carotid ArteryÂStenting. JACC: Cardiovascular Interventions, 2020, 13, 403-414.	1.1	35
118	Stereotactic radioablation for the treatment of ventricular tachycardia: preliminary data and insights from the STRA-MI-VT phase Ib/II study. Journal of Interventional Cardiac Electrophysiology, 2021, 62, 427-439.	0.6	35
119	Prognostic Value of Multidetector Computed Tomography Coronary Angiography in Diabetes. Diabetes Care, 2013, 36, 1834-1841.	4.3	34
120	Prognostic Value of Coronary CTA inÂCoronary Bypass Patients. JACC: Cardiovascular Imaging, 2014, 7, 580-589.	2.3	34
121	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
122	Low-dose CT coronary angiography with a novel IntraCycle motion-correction algorithm in patients with high heart rate or heart rate variability. European Heart Journal Cardiovascular Imaging, 2015, 16, 1093-1100.	0.5	34
123	Contemporary Imaging in Takotsubo Syndrome. Heart Failure Clinics, 2016, 12, 559-575.	1.0	34
124	Rationale and design of the PERFECTION (comparison between stress cardiac computed tomography) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Computed Tomography, 2016, 10, 330-334.	0.7	34
125	Impact of an intra-cycle motion correction algorithm on overall evaluability and diagnostic accuracy of computed tomography coronary angiography. European Radiology, 2016, 26, 147-156.	2.3	34
126	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

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127	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
128	Interactions Among Vitamin D, Atrial Fibrillation, and the Renin-Angiotensin-Aldosterone System. American Journal of Cardiology, 2018, 122, 780-784.	0.7	33
129	Role of right ventricular involvement in acute myocarditis, assessed by cardiac magnetic resonance. International Journal of Cardiology, 2018, 271, 359-365.	0.8	33
130	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.	0.5	32
131	CMR for Identifying the Substrate of Ventricular Arrhythmia in Patients With Normal Echocardiography. JACC: Cardiovascular Imaging, 2020, 13, 410-421.	2.3	32
132	Quantitative Burden of COVID-19 Pneumonia at Chest CT Predicts Adverse Outcomes: A Post Hoc Analysis of a Prospective International Registry. Radiology: Cardiothoracic Imaging, 2020, 2, e200389.	0.9	32
133	Role of multimodality imaging in evaluation of cardiovascular involvement in COVID-19. Trends in Cardiovascular Medicine, 2021, 31, 8-16.	2.3	32
134	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
135	Automated left and right ventricular chamber segmentation in cardiac magnetic resonance images using dense fully convolutional neural network. Computer Methods and Programs in Biomedicine, 2021, 204, 106059.	2.6	31
136	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
137	Incidence and predictors of lesion-specific ischemia by FFRCT: Learnings from the international ADVANCE registry. Journal of Cardiovascular Computed Tomography, 2018, 12, 95-100.	0.7	30
138	Functional Relevance of Coronary Artery Disease by Cardiac Magnetic Resonance and Cardiac Computed Tomography: Myocardial Perfusion and Fractional Flow Reserve. BioMed Research International, 2015, 2015, 1-14.	0.9	29
139	Myocardial Infarct Size in Patients on Long-Term Statin Therapy Undergoing Primary Percutaneous Coronary Intervention for ST-Elevation Myocardial Infarction. American Journal of Cardiology, 2015, 116, 1791-1797.	0.7	29
140	Contemporary rationale for non-invasive imaging of adverse coronary plaque features to identify the vulnerable patient:Âa Position Paper from the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology and the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2020, 21, 1177-1183.	0.5	29
141	Percent atheroma volume: Optimal variable to report whole-heart atherosclerotic plaque burden with coronary CTA, the PARADIGM study. Journal of Cardiovascular Computed Tomography, 2020, 14, 400-406.	0.7	29
142	â€œQuadruple Rule-Outâ€•With Computed Tomography in a COVID-19 Patient With Equivocal Acute Coronary Syndrome Presentation. JACC: Cardiovascular Imaging, 2020, 13, 1854-1856.	2.3	29
143	Non-responders to cardiac resynchronization therapy: Insights from multimodality imaging and electrocardiography. A brief review. International Journal of Cardiology, 2016, 225, 402-407.	0.8	28
144	Carotid Artery Stenting in Patients With Left ICA Stenosis and Bovine Aortic Arch: A Single-Center Experience in 60 Consecutive Patients Treated Via the Right Radial or Brachial Approach. Journal of Endovascular Therapy, 2014, 21, 127-136.	0.8	27

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145	Current interpretation of myocardial stunning. Trends in Cardiovascular Medicine, 2018, 28, 263-271.	2.3	27
146	Multimodality imaging in cardiology: a statement on behalf of the Task Force on Multimodality Imaging of the European Association of Cardiovascular Imaging. European Heart Journal, 2019, 40, 553-558.	1.0	27
147	Artificial Intelligence in Coronary Computed Tomography Angiography: From Anatomy to Prognosis. BioMed Research International, 2020, 2020, 1-10.	0.9	27
148	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imagingâ€"part I. European Heart Journal Cardiovascular Imaging, 2022, 23, 299-314.	0.5	27
149	Feasibility and diagnostic accuracy of a low radiation exposure protocol for prospective ECG-triggering coronary MDCT angiography. Clinical Radiology, 2012, 67, 207-215.	0.5	26
150	Clinical recommendations of cardiac magnetic resonance, Part I. Journal of Cardiovascular Medicine, 2017, 18, 197-208.	0.6	26
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