Koen Nieman

List of Publications by Year
in descending order

151 papers	11,225 citations	66343 42 h-index	30087 103 g-index
158 all docs	158 docs citations	158 times ranked	9170 citing authors

#	Article	IF	Citations
1	2015 ESC Guidelines for the diagnosis and management of pericardial diseases. European Heart Journal, 2015, 36, 2921-2964.	2.2	1,768
2	Reliable Noninvasive Coronary Angiography With Fast Submillimeter Multislice Spiral Computed Tomography. Circulation, 2002, 106, 2051-2054.	1.6	907
3	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.	1.3	755
4	Coronary angiography with multi-slice computed tomography. Lancet, The, 2001, 357, 599-603.	13.7	665
5	Noninvasive Assessment of Plaque Morphology and Composition in Culprit and Stable Lesions in Acute Coronary Syndrome and Stable Lesions in Stable Angina by Multidetector Computed Tomography. Journal of the American College of Cardiology, 2006, 47, 1655-1662.	2.8	527
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	Recommendations for the imaging assessment of prosthetic heart valves: a report from the European Association of Cardiovascular Imaging endorsed by the Chinese Society of Echocardiography, the Inter-American Society of Echocardiography, and the Brazilian Department of Cardiovascular Imaging^{â€}. European Heart Journal Cardiovascular Imaging, 2016, 17, 589-590.	1.2	411
8	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
9	Clinical applications of machine learning in cardiovascular disease and its relevance to cardiac imaging. European Heart Journal, 2019, 40, 1975-1986.	2.2	327
10	Diagnostic Accuracy of a Machine-Learning Approach to Coronary Computed Tomographic Angiographyâ€"Based Fractional Flow Reserve. Circulation: Cardiovascular Imaging, 2018, 11, e007217.	2.6	280
11	European Association of Preventive Cardiology (EAPC) and European Association of Cardiovascular Imaging (EACVI) joint position statement: recommendations for the indication and interpretation of cardiovascular imaging in the evaluation of the athleteâ€™s heart. European Heart Journal, 2018, 39, 1949-1969.	2.2	224
12	Fractional Flow Reserve Computed from Noninvasive CT Angiography Data: Diagnostic Performance of an On-Site Clinician-operated Computational Fluid Dynamics Algorithm. Radiology, 2015, 274, 674-683.	7.3	218
13	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.	2.2	214
14	1-Year Impact on Medical Practice and Clinical Outcomes of FFRCT. JACC: Cardiovascular Imaging, 2020, 13, 97-105.	5.3	204
15	Reperfused Myocardial Infarction: Contrast-enhanced 64-Section CT in Comparison to MR Imaging. Radiology, 2008, 247, 49-56.	7.3	196
16	Usefulness of multislice computed tomography for detecting obstructive coronary artery disease. American Journal of Cardiology, 2002, 89, 913-918.	1.6	185
17	Evaluation of Patients after Coronary Artery Bypass Surgery: CT Angiographic Assessment of Grafts and Coronary Arteries. Radiology, 2003, 229, 749-756.	7.3	180
18	Calcium imaging and selective computed tomography angiography in comparison to functional testing for suspected coronary artery disease: the multicentre, randomized CRESCENT trial. European Heart Journal, 2016, 37, 1232-1243.	2.2	160

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19	Coronary CT Angiography for SuspectedÂACS in the Era of High-Sensitivity Troponins. Journal of the American College of Cardiology, 2016, 67, 16-26.	2.8	134
20	Integrating CT Myocardial Perfusion andÂCT-FFR in the Work-Up ofÂCoronaryÂArteryÂDisease. JACC: Cardiovascular Imaging, 2017, 10, 760-770.	5.3	130
21	Diagnostic performance of hyperaemic myocardial blood flow index obtained by dynamic computed tomography: does it predict functionally significant coronary lesions?. European Heart Journal Cardiovascular Imaging, 2014, 15, 85-94.	1.2	119
22	Differentiation of Recent and Chronic Myocardial Infarction by Cardiac Computed Tomography. American Journal of Cardiology, 2006, 98, 303-308.	1.6	112
23	Diagnostic Accuracy of Computed Tomography Angiography in Patients After Bypass Grafting. JACC: Cardiovascular Imaging, 2009, 2, 816-824.	5.3	100
24	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.	1.3	92
25	Comprehensive Cardiac CT With Myocardial Perfusion Imaging Versus Functional Testing in Suspected CoronaryÂArtery Disease. JACC: Cardiovascular Imaging, 2018, 11, 1625-1636.	5.3	90
26	Coronary CT Angiography-derived Fractional Flow Reserve Testing in Patients with Stable Coronary Artery Disease: Recommendations on Interpretation and Reporting. Radiology: Cardiothoracic Imaging, 2019, 1, e190050.	2.5	74
27	Additional Value of Transluminal Attenuation Gradient in CT Angiography to Predict Hemodynamic Significance of Coronary Artery Stenosis. JACC: Cardiovascular Imaging, 2014, 7, 374-386.	5.3	73
28	Influence of Coronary Calcium on Diagnostic Performance of Machine Learning CT-FFR. JACC: Cardiovascular Imaging, 2020, 13, 760-770.	5.3	73
29	Detection and quantification of coronary atherosclerotic plaque by 64-slice multidetector CT: A systematic head-to-head comparison with intravascular ultrasound. Atherosclerosis, 2011, 219, 163-170.	0.8	67
30	Coronary Computed Tomographic Angiography for Complete Assessment of Coronary Artery Disease. Journal of the American College of Cardiology, 2021, 78, 713-736.	2.8	66
31	Impact of iterative reconstruction on CT coronary calcium quantification. European Radiology, 2013, 23, 3246-3252.	4.5	64
32	Relative Myocardial Blood Flow by Dynamic Computed Tomographic Perfusion Imaging Predicts Hemodynamic Significance of Coronary Stenosis Better Than Absolute Blood Flow. Investigative Radiology, 2014, 49, 801-807.	6.2	59
33	Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic. JACC: Cardiovascular Imaging, 2020, 13, 1615-1626.	5.3	56
34	Increased Aortic Valve Calcification inÂFamilial Hypercholesterolemia. Journal of the American College of Cardiology, 2015, 66, 2687-2695.	2.8	54
35	Effects of intensive lipid-lowering therapy on coronary plaques composition in patients with acute myocardial infarction: Assessment with serial coronary CT angiography. Atherosclerosis, 2015, 241, 579-587.	0.8	54
36	Coronary CT angiography derived fractional flow reserve: Methodology and evaluation of a point of care algorithm. Journal of Cardiovascular Computed Tomography, 2016, 10, 105-113.	1.3	50

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37	Dynamic Computed Tomography Myocardial Perfusion Imaging. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	50
38	18F-fluorodeoxyglucose positron emission/computed tomography and computed tomography angiography in prosthetic heart valve endocarditis: from guidelines to clinical practice. European Heart Journal, 2018, 39, 3739-3749.	2.2	49
39	Society of cardiovascular computed tomography expert consensus document on myocardial computed tomography perfusion imaging. Journal of Cardiovascular Computed Tomography, 2020, 14, 87-100.	1.3	49
40	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.	1.3	45
41	Prognostic value of coronary computed tomography angiographic derived fractional flow reserve: a systematic review and meta-analysis. Heart, 2022, 108, 194-202.	2.9	45
42	Comparison of the Value of Coronary Calcium Detection to Computed Tomographic Angiography and Exercise Testing in Patients With Chest Pain. American Journal of Cardiology, 2009, 104, 1499-1504.	1.6	44
43	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.	2.2	44
44	Dynamic CT myocardial perfusion imaging. Journal of Cardiovascular Computed Tomography, 2020, 14, 303-306.	1.3	44
45	Conventional Hemodynamic Resuscitation May Fail to Optimize Tissue Perfusion: An Observational Study on the Effects of Dobutamine, Enoximone, and Norepinephrine in Patients with Acute Myocardial Infarction Complicated by Cardiogenic Shock. PLoS ONE, 2014, 9, e103978.	2.5	42
46	Appropriateness criteria for the use of cardiovascular imaging in heart valve disease in adults: a European Association of Cardiovascular Imaging report of literature review and current practice. European Heart Journal Cardiovascular Imaging, 2017, 18, 489-498.	1.2	41
47	Finding the optimal dose reduction and iterative reconstruction level for coronary calcium scoring. Journal of Cardiovascular Computed Tomography, 2016, 10, 69-75.	1.3	39
48	Determinants of Rejection Rate for Coronary CT Angiography Fractional Flow Reserve Analysis. Radiology, 2019, 292, 597-605.	7.3	37
49	Dynamic Myocardial Perfusion CT for the Detection of Hemodynamically Significant Coronary Artery Disease. JACC: Cardiovascular Imaging, 2022, 15, 75-87.	5.3	37
50	Appropriateness criteria for cardiovascular imaging use in heart failure: report of literature review. European Heart Journal Cardiovascular Imaging, 2015, 16, 147-153.	1.2	34
51	Evaluation of atrial septal defects with 4D flow MRIâ€"multilevel and inter-reader reproducibility for quantification of shunt severity. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2019, 32, 269-279.	2.0	34
52	Diagnostic value of transmural perfusion ratio derived from dynamic CT-based myocardial perfusion imaging for the detection of haemodynamically relevant coronary artery stenosis. European Radiology, 2017, 27, 2309-2316.	4.5	33
53	Best Practices for Imaging Cardiac Deviceâ€"Related Infections and Endocarditis. JACC: Cardiovascular Imaging, 2022, 15, 891-911.	5.3	33
54	Cloud-processed 4D CMR flow imaging for pulmonary flow quantification. European Journal of Radiology, 2016, 85, 1849-1856.	2.6	32

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55	Current Evidence and Recommendations for Coronary CTA First in Evaluation of Stable Coronary Artery Disease. Journal of the American College of Cardiology, 2020, 76, 1358-1362.	2.8	32
56	Added value of hybrid myocardial perfusion SPECT and CT coronary angiography in the diagnosis of coronary artery disease. European Heart Journal Cardiovascular Imaging, 2014, 15, 1281-1288.	1.2	31
57	Intermodality variation of aortic dimensions: How, where and when to measure the ascending aorta. International Journal of Cardiology, 2019, 276, 230-235.	1.7	31
58	Incidence and predictors of lesion-specific ischemia by FFRCT: Learnings from the international ADVANCE registry. Journal of Cardiovascular Computed Tomography, 2018, 12, 95-100.	1.3	30
59	Coronary artery calcium: A technical argument for a new scoring method. Journal of Cardiovascular Computed Tomography, 2019, 13, 347-352.	1.3	30
60	Coronary angiography after cardiac arrest: Rationale and design of the COACT trial. American Heart Journal, 2016, 180, 39-45.	2.7	28
61	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imaging—part I. European Heart Journal Cardiovascular Imaging, 2022, 23, 299-314.	1.2	27
62	Coronary CT angiography outperforms calcium imaging in the triage of acute coronary syndrome. International Journal of Cardiology, 2013, 167, 1597-1602.	1.7	26
63	Prognostic implications of non-culprit plaques in acute coronary syndrome: non-invasive assessment with coronary CT angiography. European Heart Journal Cardiovascular Imaging, 2014, 15, 1231-1237.	1.2	26
64	Noninvasive Visualization of Atherosclerotic Plaque with Electron Beam and Multislice Spiral Computed Tomography. Journal of Interventional Cardiology, 2003, 16, 123-128.	1.2	25
65	Deep learning evaluation of biomarkers from echocardiogram videos. EBioMedicine, 2021, 73, 103613.	6.1	25
66	Cardiac computed tomography in patients with acute chest pain. European Heart Journal, 2015, 36, 906-914.	2.2	24
67	Carotid artery plaques and intima medial thickness in familial hypercholesteraemic patients on long-term statin therapy: A case control study. Atherosclerosis, 2017, 256, 62-66.	0.8	23
68	Multislice Computed Tomography Angiography for Noninvasive Assessment of the 18-Month Performance of a Novel Radiolucent Bioresorbable Vascular Scaffolding Device. Journal of the American College of Cardiology, 2013, 62, 1813-1814.	2.8	22
69	Functional Evaluation of Coronary Disease by CT Angiography. JACC: Cardiovascular Imaging, 2015, 8, 1322-1335.	5.3	22
70	Sex Differences in the Performance of Cardiac Computed Tomography Compared With Functional Testing in Evaluating Stable Chest Pain. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	22
71	Advanced CT acquisition protocol with a third-generation dual-source CT scanner and iterative reconstruction technique for comprehensive prosthetic heart valve assessment. European Radiology, 2018, 28, 2159-2168.	4.5	21
72	Cardiac Imaging in the Post-ISCHEMIA Trial Era. JACC: Cardiovascular Imaging, 2020, 13, 1815-1833.	5.3	21

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73	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imaging—part II. European Heart Journal Cardiovascular Imaging, 2022, 23, e136-e161.	1.2	21
74	Trans-lesional fractional flow reserve gradient as derived from coronary CT improves patient management: ADVANCE registry. Journal of Cardiovascular Computed Tomography, 2022, 16, 19-26.	1.3	20
75	Cardiovascular imaging practice in Europe: a report from the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 697-702.	1.2	19
76	Iodixanol versus Iopromide at Coronary CT Angiography: Lumen Opacification and Effect on Heart Rhythm—the Randomized IsoCOR Trial. Radiology, 2018, 286, 71-80.	7.3	19
77	Gender differences in the diagnostic performance of machine learning coronary CT angiography-derived fractional flow reserve -results from the MACHINE registry. European Journal of Radiology, 2019, 119, 108657.	2.6	19
78	Diagnostic Value of Transluminal Attenuation Gradient for the Presence of Ischemia as Defined by Fractional Flow Reserve and Quantitative Positron Emission Tomography. JACC: Cardiovascular Imaging, 2019, 12, 323-333.	5.3	19
79	Cardiac computed tomography core syllabus of the European Association of Cardiovascular Imaging (EACVI). European Heart Journal Cardiovascular Imaging, 2015, 16, 351-352.	1.2	18
80	Comparison of the Diagnostic Performance of Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve in Patients With Versus Without Diabetes Mellitus (from the MACHINE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 45		
81	Partial anomalous pulmonary venous return in Turner syndrome. European Journal of Radiology, 2017, 95, 141-146.	2.6	17
82	Validation of 4D flow CMR against simultaneous invasive hemodynamic measurements: a swine study. International Journal of Cardiovascular Imaging, 2019, 35, 1111-1118.	1.5	17
83	Cardiac CT to assess the risk of coronary compression in patients evaluated for percutaneous pulmonary valve implantation. European Journal of Radiology, 2019, 110, 88-96.	2.6	17
84	Computed Tomography Angiography with a 192-slice Dual-source Computed Tomography System: Improvements in Image Quality and Radiation Dose. Journal of Clinical Imaging Science, 2016, 6, 44.	1.1	16
85	Impact of machine-learning CT-derived fractional flow reserve for the diagnosis and management of coronary artery disease in the randomized CRESCENT trials. European Radiology, 2020, 30, 3692-3701.	4.5	15
86	Functional and anatomical measures for outflow boundary conditions in atherosclerotic coronary bifurcations. Journal of Biomechanics, 2016, 49, 2127-2134.	2.1	14
87	Long-term serial non-invasive multislice computed tomography angiography with functional evaluation after coronary implantation of a bioresorbable everolimus-eluting scaffold: the ABSORB cohort B MSCT substudy. European Heart Journal Cardiovascular Imaging, 2017, 18, 870-879.	1.2	13
88	Impact of iodine concentration and iodine delivery rate on contrast enhancement in coronary CT angiography: a randomized multicenter trial (CT-CON). European Radiology, 2019, 29, 6109-6118.	4.5	13
89	The global social media response to the 14th annual Society of Cardiovascular Computed Tomography scientific sessions. Journal of Cardiovascular Computed Tomography, 2020, 14, 124-130.	1.3	13
90	Emerging methods for the characterization of ischemic heart disease: ultrafast Doppler angiography, micro-CT, photon-counting CT, novel MRI and PET techniques, and artificial intelligence. European Radiology Experimental, 2021, 5, 12.	3.4	13

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91	The effect of blood pressure on non-invasive fractional flow reserve derived from coronary computed tomography angiography. European Radiology, 2017, 27, 1416-1423.	4.5	12
92	The role of coronary CT angiography for acute chest pain in the era of high-sensitivity troponins. Journal of Cardiovascular Computed Tomography, 2019, 13, 267-273.	1.3	12
93	Opportunities and challenges of implementing computed tomography fractional flow reserve into clinical practice. Heart, 2020, 106, 1387-1393.	2.9	12
94	Prognostic Value of Subclinical Coronary Artery Disease in Atrial Fibrillation Patients Identified by Coronary Computed Tomography Angiography. American Journal of Cardiology, 2020, 126, 16-22.	1.6	12
95	Diagnostic Cardiovascular Magnetic Resonance Imaging Criteria in Noncompaction Cardiomyopathy and the Yield of Genetic Testing. Canadian Journal of Cardiology, 2021, 37, 433-442.	1.7	11
96	Lipid-rich Plaques Detected by Near-infrared Spectroscopy Are More Frequently Exposed to High Shear Stress. Journal of Cardiovascular Translational Research, 2021, 14, 416-425.	2.4	10
97	Clinical Impact of Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve on Japanese Population in the ADVANCE Registry. Circulation Journal, 2019, 83, 1293-1301.	1.6	9
98	Stress myocardial perfusion with qualitative magnetic resonance and quantitative dynamic computed tomography: comparison of diagnostic performance and incremental value over coronary computed tomography angiography. European Heart Journal Cardiovascular Imaging, 2020, , .	1.2	9
99	Clinical implementation of coronary computed tomography angiography for routine detection of cardiac allograft vasculopathy in heart transplant patients. Transplant International, 2021, 34, 1886-1894.	1.6	9
100	Association Among Local Hemodynamic Parameters Derived From CT Angiography and Their Comparable Implications in Development of Acute Coronary Syndrome. Frontiers in Cardiovascular Medicine, 2021, 8, 713835.	2.4	9
101	Noninvasive coronary imaging in the new millennium: a comparison of computed tomography and magnetic resonance techniques. Reviews in Cardiovascular Medicine, 2002, 3, 77-84.	1.4	9
102	Evolve or perish for coronary calcium imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 354-355.	1.2	8
103	Effect of Tube Voltage on Diagnostic Performance of Fractional Flow Reserve Derived From Coronary CT Angiography With Machine Learning: Results From the MACHINE Registry. American Journal of Roentgenology, 2019, 213, 325-331.	2.2	8
104	Soluble LR11 associates with aortic root calcification in asymptomatic treated male patients with familial hypercholesterolemia. Atherosclerosis, 2017, 265, 299-304.	0.8	7
105	Impact of Diastolic Vessel Restriction on Quality of Life in Symptomatic Myocardial Bridging Patients Treated With Surgical Unroofing: Preoperative Assessments With Intravascular Ultrasound and Coronary Computed Tomography Angiography. Circulation: Cardiovascular Interventions, 2021, 14, e011062.	3.9	7
106	Serial Coronary Imaging of Early Atherosclerosis Development in Fast-Food-Fed Diabetic and Nondiabetic Swine. JACC Basic To Translational Science, 2016, 1, 449-460.	4.1	6
107	Impact of the Everolimus-eluting Bioresorbable Scaffold in Coronary Atherosclerosis. Revista Espanola De Cardiologia (English Ed), 2016, 69, 109-116.	0.6	6
108	Round-the-clock performance of coronary CT angiography for suspected acute coronary syndrome: Results from the BEACON trial. European Radiology, 2018, 28, 2169-2175.	4.5	6

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109	CT angiography for depiction of complications after the Bentall procedure. British Journal of Radiology, 2019, 92, 20180226.	2.2	6
110	Controversies in Diagnostic Imaging of Patients With Suspected Stable and Acute Chest Pain Syndromes. JACC: Cardiovascular Imaging, 2019, 12, 1254-1278.	5.3	6
111	HEART score improves efficiency of coronary computed tomography angiography in patients suspected of acute coronary syndrome in the emergency department. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 23-29.	1.0	6
112	The clinical utility of FFRCT stratified by age. Journal of Cardiovascular Computed Tomography, 2021, 15, 121-128.	1.3	6
113	Distinct Pattern of Constrictive Remodeling in Radiotherapy-Induced Coronary ArteryÂDisease. JACC: Cardiovascular Interventions, 2016, 9, e121-e123.	2.9	5
114	Coronary CT in Patients with a History of PCI or CABG: Helpful or Harmful?. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.6	5
115	Temporal changes in FFRCT-Guided Management of Coronary Artery Disease â€" Lessons from the ADVANCE Registry. Journal of Cardiovascular Computed Tomography, 2021, 15, 48-55.	1.3	5
116	Influence of coronary stenosis location on diagnostic performance of machine learning-based fractional flow reserve from CT angiography. Journal of Cardiovascular Computed Tomography, 2021, 15, 492-498.	1.3	5
117	CT-derived fractional flow reserve (FFRct) for functional coronary artery evaluation in the follow-up of patients after heart transplantation. European Radiology, 2022, 32, 1843-1852.	4.5	5
118	Aerodynamics in Cardiac CT. Circulation: Cardiovascular Imaging, 2013, 6, 853-854.	2.6	4
119	Classification of hemodynamically significant stenoses from dynamic CT perfusion and CTA myocardial territories. Medical Physics, 2017, 44, 1347-1358.	3.0	4
120	Characteristics of culprit lesion in patients with non-ST-elevation myocardial infarction and improvement of diagnostic utility using dual energy cardiac CT. International Journal of Cardiovascular Imaging, 2021, 37, 1781-1788.	1.5	4
121	Validation of Renal Artery Dimensions Measured by Magnetic Resonance Angiography in Patients Referred for Renal Sympathetic Denervation. Academic Radiology, 2015, 22, 1106-1114.	2.5	3
122	A novel therapy for an unusual problem: ILâ€1 receptor antagonist for recurrent postâ€transplant pericarditis. Clinical Transplantation, 2019, 33, e13699.	1.6	3
123	Incremental Value of Aortomitral Continuity Calcification for Risk Assessment after Transcatheter Aortic Valve Replacement. Radiology: Cardiothoracic Imaging, 2019, 1, e190067.	2.5	3
124	Cardiac CT After Coronary Revascularization. JACC: Cardiovascular Imaging, 2020, 13, 743-745.	5.3	3
125	The feasibility, findings and future of CT-FFR in the emergency ward. Journal of Cardiovascular Computed Tomography, 2020, 14, 287-288.	1.3	3
126	Computed Tomographic Angiographyâ€"Based Fractional Flow Reserve Compared With Catheter-Based Dobutamine-Stress Diastolic Fractional Flow Reserve in Symptomatic Patients With a Myocardial Bridge and No Obstructive Coronary Artery Disease. Circulation: Cardiovascular Imaging, 2020, 13, e009576.	2.6	3

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127	Coronary volume to left ventricular mass ratio in patients with diabetes mellitus. Journal of Cardiovascular Computed Tomography, 2022, 16, 319-326.	1.3	3
128	Applicability and accuracy of pretest probability calculations implemented in the NICE clinical guideline for decision making about imaging in patients with chest pain of recent onset. European Radiology, 2018, 28, 4006-4017.	4.5	2
129	Highlights of the Twelfth Annual Scientific Meeting of the Society of Cardiovascular Computed Tomography. Journal of Cardiovascular Computed Tomography, 2018, 12, 3-7.	1.3	2
130	Anatomic or functional testing in stable patients with suspected CAD: contemporary role of cardiac CT in the ISCHEMIA trial era. International Journal of Cardiovascular Imaging, 2020, 36, 1351-1362.	1.5	2
131	Is there still a role for cardiac CT in the emergency department in the era of highly-sensitive troponins?. Minerva Cardiology and Angiology, 2017, 65, 214-224.	0.7	2
132	Low-dose coronary calcium scoring CT using a dedicated reconstruction filter for kV-independent calcium measurements. European Radiology, 2022, 32, 4225-4233.	4.5	2
133	Myocardial Enhancement Defects on CT Angiograms. JACC: Cardiovascular Imaging, 2015, 8, 695-696.	5.3	1
134	Calcium Imaging in the Emergency Department. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	1
135	Dual-energy CT plaque characteristics of post mortem thin-cap fibroatheroma in comparison to infarct-related culprit lesions. Heart and Vessels, 2021, , 1.	1.2	1
136	Coronary Imaging and Screening. , 0, , 89-102.		0
137	Cardiac CT for the triage of acute chest pain: Ready for clinical use?. Current Cardiovascular Imaging Reports, 2009, 2, 383-385.	0.6	0
138	Coronary computed tomography angiography versus stress testing in suspected coronary disease. Expert Review of Cardiovascular Therapy, 2011, 9, 93-104.	1.5	0
139	Clinical Value of Coronary Computed Tomographic Angiography in Patients With Stable Angina. Circulation: Cardiovascular Imaging, 2016, 9, e004783.	2.6	0
140	Cardiac Computed Tomography 2.0. JACC: Cardiovascular Imaging, 2018, 11, 1733-1735.	5.3	0
141	Functional Interpretation of CoronaryÂStenoses by Cardiac CT andÂthe Many Ways to SkinÂThat Cat. JACC: Cardiovascular Imaging, 2019, 12, 1599-1600.	5.3	0
142	Cardiac CT for Coronary Imaging. , 2019, , 327-344.		0
143	Cardiovascular CT in a world adrift. Journal of Cardiovascular Computed Tomography, 2020, 14, 381.	1.3	0
144	Pace of guidance publishing accelerates in cardiovascular CT. Journal of Cardiovascular Computed Tomography, 2020, 14, 465.	1.3	0

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145	Multimodality Imaging for Risk Assessment of Inherited Cardiomyopathies. Current Cardiovascular Risk Reports, 2020, 14, 1.	2.0	0
146	Relationship of Stress Test Findings to Anatomic or Functional Extent of Coronary Artery Disease Assessed by Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve. BioMed Research International, 2021, 2021, 1-9.	1.9	0
147	SCCT: A growing community. Journal of Cardiovascular Computed Tomography, 2021, 15, 91-92.	1.3	0
148	Accreditation in cardiovascular CT. Journal of Cardiovascular Computed Tomography, 2021, 15, 191.	1.3	0
149	Undetectable High-sensitivity Troponin T as a Gatekeeper for Coronary CT Angiography in Patients Suspected of Acute Coronary Syndrome.. Cardiology, 2021, 146, 713-719.	1.4	0
150	Noninvasive stent imaging with MSCT. EuroIntervention, 2009, 5 Suppl D, D107-11.	3.2	0
151	Incremental value of volumetric quantification for myocardial perfusion imaging by computed tomography. Kardiologia Polska, 2022, 80, 163-171.	0.6	0