

Jonathon Leipsic

List of Publications by Year in descending order

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Version: 2024-02-01

317
papers

24,148
citations

8181

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318
docs citations

318
times ranked

14656
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients. <i>New England Journal of Medicine</i> , 2019, 380, 1695-1705.	27.0	3,312
2	Diagnostic Performance of Noninvasive Fractional Flow Reserve Derived From Coronary Computed Tomography Angiography in Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1145-1155.	2.8	1,240
3	Diagnostic Accuracy of Fractional Flow Reserve From Anatomic CT Angiography. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1237.	7.4	956
4	SCCT guidelines for the interpretation and reporting of coronary CT angiography: A report of the Society of Cardiovascular Computed Tomography Guidelines Committee. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 342-358.	1.3	755
5	SCCT guidelines for the performance and acquisition of coronary computed tomographic angiography: A report of the Society of Cardiovascular Computed Tomography Guidelines Committee. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 435-449.	1.3	663
6	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.	2.2	447
7	Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus Tricuspid Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2579-2589.	2.8	356
8	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. <i>Circulation</i> , 2018, 137, 388-399.	1.6	350
9	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2511-2522.	2.8	328
10	Adaptive Statistical Iterative Reconstruction: Assessment of Image Noise and Image Quality in Coronary CT Angiography. <i>American Journal of Roentgenology</i> , 2010, 195, 649-654.	2.2	324
11	Comparison of Coronary CT Angiography, SPECT, PET, and Hybrid Imaging for Diagnosis of Ischemic Heart Disease Determined by Fractional Flow Reserve. <i>JAMA Cardiology</i> , 2017, 2, 1100.	6.1	324
12	Transcatheter Aortic Valve Thrombosis. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2059-2069.	2.8	312
13	Multicenter Evaluation of a Next-Generation Balloon-Expandable Transcatheter Aortic Valve. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2235-2243.	2.8	297
14	Estimated Radiation Dose Reduction Using Adaptive Statistical Iterative Reconstruction in Coronary CT Angiography: The ERASIR Study. <i>American Journal of Roentgenology</i> , 2010, 195, 655-660.	2.2	286
15	Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2253-2262.	2.8	271
16	Clinical indications for coronary artery calcium scoring in asymptomatic patients: Expert consensus statement from the Society of Cardiovascular Computed Tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 157-168.	1.3	258
17	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. <i>European Heart Journal</i> , 2016, 37, 1220-1227.	2.2	257
18	Transcatheter Mitral Valve Replacement for Patients With Symptomatic Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2017, 69, 381-391.	2.8	257

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19	Multidetector Computed Tomography in Transcatheter Aortic Valve Implantation. JACC: Cardiovascular Imaging, 2011, 4, 416-429.	5.3	251
20	Atherosclerotic Plaque Characteristics byÂCT Angiography Identify Coronary Lesions That Cause Ischemia. JACC: Cardiovascular Imaging, 2015, 8, 1-10.	5.3	241
21	Early hypo-attenuated leaflet thickening in balloon-expandable transcatheter aortic heart valves. European Heart Journal, 2016, 37, 2263-2271.	2.2	235
22	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
23	Predicting LVOTÂObstruction in Transcatheter Mitral ValveÂImplantation. JACC: Cardiovascular Imaging, 2017, 10, 482-485.	5.3	213
24	A Prospective Evaluation of Dose Reduction and Image Quality in Chest CT Using Adaptive Statistical Iterative Reconstruction. American Journal of Roentgenology, 2010, 195, 1095-1099.	2.2	212
25	Noninvasive Fractional Flow Reserve Derived From Coronary CT Angiography. JACC: Cardiovascular Imaging, 2015, 8, 1209-1222.	5.3	206
26	1-Year Impact on Medical Practice and Clinical Outcomes of FFRCT. JACC: Cardiovascular Imaging, 2020, 13, 97-105.	5.3	204
27	Coronary Obstruction in Transcatheter Aortic Valve-in-Valve Implantation. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	202
28	From Subclinical Atherosclerosis to Plaque Progression and Acute CoronaryÂEvents. Journal of the American College of Cardiology, 2019, 74, 1608-1617.	2.8	195
29	Predictors of Mortality and Progression in Scleroderma-Associated Interstitial Lung Disease. Chest, 2014, 146, 422-436.	0.8	193
30	Transcatheter Aortic Valve Replacement With Early- and New-Generation Devices in Bicuspid Aortic Valve Stenosis. Journal of the American College of Cardiology, 2016, 68, 1195-1205.	2.8	177
31	Early Aortic Transcatheter Heart Valve Thrombosis. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	174
32	Initial Feasibility Study of a NewÂTranscatheter Mitral Prosthesis. Journal of the American College of Cardiology, 2019, 73, 1250-1260.	2.8	172
33	Subclinical Leaflet Thrombosis in Transcatheter and Surgical BioprostheticÂValves. Journal of the American College of Cardiology, 2020, 75, 3003-3015.	2.8	165
34	Multimodality Imaging in the Context of Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2015, 8, 1191-1208.	5.3	158
35	Association of Paravalvular Regurgitation With 1-Year Outcomes After Transcatheter Aortic Valve Replacement With the SAPIEN 3 Valve. JAMA Cardiology, 2017, 2, 1208.	6.1	155
36	Reduction in radiation exposure in cardiovascular computed tomography imaging: results from the PROspective multicenter registry on radiaTion dose Estimates of cardiac CT anglOgraphy iN daily practice in 2017 (PROTECTION VI). European Heart Journal, 2018, 39, 3715-3723.	2.2	149

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37	Impact of Plaque Burden Versus Stenosis on Ischemic Events in Patients With Coronary Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2803-2813.	2.8	149
38	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.	2.4	147
39	Bicuspid Aortic Valve Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 817-824.	2.9	147
40	Total Airway Count on Computed Tomography and the Risk of Chronic Obstructive Pulmonary Disease Progression. Findings from a Population-based Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 56-65.	5.6	147
41	Influence of Coronary Calcification on the Diagnostic Performance of CT Angiography Derived FFR in Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1045-1055.	5.3	145
42	CAC-DRS: Coronary Artery Calcium Data and Reporting System. An expert consensus document of the Society of Cardiovascular Computed Tomography (SCCT). <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 185-191.	1.3	145
43	Do Plaques Rapidly Progress Prior to Myocardial Infarction?. <i>Circulation Research</i> , 2015, 117, 99-104.	4.5	143
44	Repeat Transcatheter Aortic Valve Replacement for Transcatheter Prosthesis Dysfunction. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1882-1893.	2.8	140
45	Coronary CT Angiographic and Flow Reserve-Guided Management of Patients With Stable Ischemic Heart Disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2123-2134.	2.8	138
46	Transcatheter Aortic and Mitral Valve-in-Valve Implantation for Failed Surgical Bioprosthetic Valves. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1735-1744.	2.9	130
47	Comprehensive Echocardiographic Assessment of Normal Transcatheter Valve Function. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 25-34.	5.3	130
48	First-in-Man Experience of a Novel Transcatheter Repair System for Treating Severe Tricuspid Regurgitation. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2475-2483.	2.8	129
49	Clinical Use of Coronary CTA-Derived FFR for Decision-Making in Stable CAD. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 541-550.	5.3	126
50	3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2647-2655.	2.8	123
51	CT Angiography (CTA) and Diagnostic Performance of Noninvasive Fractional Flow Reserve: Results From the Determination of Fractional Flow Reserve by Anatomic CTA (DeFACTO) Study. <i>American Journal of Roentgenology</i> , 2014, 202, 989-994.	2.2	122
52	Incidence and Severity of Paravalvular Aortic Regurgitation With Multidetector Computed Tomography Nominal Area Oversizing or Undersizing After Transcatheter Heart Valve Replacement With the Sapien 3. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 462-471.	2.9	122
53	Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprostheses in the PARTNER-2 Trial. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1830-1843.	2.8	119
54	A simplified D-shaped model of the mitral annulus to facilitate CT-based sizing before transcatheter mitral valve implantation. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 459-467.	1.3	113

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55	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.	2.2	111
56	Sex-Specific Associations Between Coronary Artery Plaque Extent and Risk of Major Adverse Cardiovascular Events. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 364-372.	5.3	108
57	Association of Coronary Stenosis and Plaque Morphology With Fractional Flow Reserve and Outcomes. <i>JAMA Cardiology</i> , 2016, 1, 350.	6.1	108
58	Open issues in transcatheter aortic valve implantation. Part 2: procedural issues and outcomes after transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2014, 35, 2639-2654.	2.2	105
59	Mitral Annular Evaluation With CT in the Context of Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 612-615.	5.3	105
60	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.	0.8	102
61	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.	2.2	100
62	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With Stable Chest Pain. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2058-2070.	2.8	99
63	Open issues in transcatheter aortic valve implantation. Part 1: patient selection and treatment strategy for transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2014, 35, 2627-2638.	2.2	96
64	Transcatheter Tricuspid Valve Repair With a New Transcatheter Coaptation System for the Treatment of Severe Tricuspid Regurgitation. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1994-2003.	2.9	96
65	Lesion-Specific and Vessel-Related Determinants of Fractional Flow Reserve Beyond Coronary Artery Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 521-530.	5.3	95
66	The Coronary Artery Disease Reporting and Data System (CAD-RADS). <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 78-89.	5.3	91
67	A Cardiac Computed Tomography-Based Score to Categorize Mitral Annular Calcification Severity and Predict Valve Embolization. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1945-1957.	5.3	91
68	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. <i>JAMA Cardiology</i> , 2020, 5, 282.	6.1	90
69	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. <i>Radiology</i> , 2019, 292, 343-351.	7.3	89
70	Clinical Trial Principles and Endpoint Definitions for Paravalvular Leaks in Surgical Prosthesis. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2067-2087.	2.8	88
71	Percutaneous Transcatheter Mitral Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1239-1246.	2.8	87
72	Cardiac Computed Tomography and Magnetic Resonance Imaging in the Evaluation of Mitral and Tricuspid Valve Disease. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	85

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73	2-Year Outcomes of Transcatheter Mitral Valve Replacement in Patients With Severe Symptomatic Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2021, 78, 1847-1859.	2.8	84
74	Imaging for Predicting and Assessing Prosthesis-Patient Mismatch After Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 149-162.	5.3	83
75	Effect of a novel vendor-specific motion-correction algorithm on image quality and diagnostic accuracy in persons undergoing coronary CT angiography without rate-control medications. <i>Journal of Cardiovascular Computed Tomography</i> , 2012, 6, 164-171.	1.3	82
76	Computed tomography assessment for transcatheter aortic valve in valve implantation: The vancouver approach to predict anatomical risk for coronary obstruction and other considerations. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 491-499.	1.3	82
77	Course of early subclinical leaflet thrombosis after transcatheter aortic valve implantation with or without oral anticoagulation. <i>Clinical Research in Cardiology</i> , 2017, 106, 85-95.	3.3	82
78	Comparison of Hemodynamic Performance of the Balloon-Expandable SAPIEN 3 Versus SAPIEN XT Transcatheter Valve. <i>American Journal of Cardiology</i> , 2014, 114, 1075-1082.	1.6	79
79	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1987-1997.	5.3	78
80	Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 269-280.	5.3	75
81	Prosthetic Valve Endocarditis After TAVR and SAVR. <i>Circulation</i> , 2019, 140, 1984-1994.	1.6	75
82	Coronary CT Angiography-derived Fractional Flow Reserve Testing in Patients with Stable Coronary Artery Disease: Recommendations on Interpretation and Reporting. <i>Radiology: Cardiothoracic Imaging</i> , 2019, 1, e190050.	2.5	74
83	Additional Value of Transluminal Attenuation Gradient in CT Angiography to Predict Hemodynamic Significance of Coronary Artery Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 374-386.	5.3	73
84	Iterative reconstruction for coronary CT angiography: finding its way. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 613-620.	1.5	72
85	Prognostic Value of Fat Mass and Skeletal Muscle Mass Determined by Computed Tomography in Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2016, 117, 828-833.	1.6	71
86	Long-Term Prognostic Utility of Coronary CT Angiography in Stable Patients With Diabetes Mellitus. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1280-1288.	5.3	70
87	Oversizing in transcatheter aortic valve replacement, a commonly used term but a poorly understood one: Dependency on definition and geometrical measurements. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 67-76.	1.3	69
88	A randomized, multicenter, multivendor study of myocardial perfusion imaging with regadenoson CT perfusion vs single photon emission CT. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 103-112.e2.	1.3	69
89	Effect of the ratio of coronary arterial lumen volume to left ventricle myocardial mass derived from coronary CT angiography on fractional flow reserve. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 429-436.	1.3	65
90	FFR Derived From Coronary CT Angiography in Nonculprit Lesions of Patients With Recent STEMI. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 424-433.	5.3	64

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91	Transcatheter Replacement of Transcatheter Versus Surgically Implanted Aortic Valve Bioprostheses. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1-14.	2.8	64
92	Findings on Thoracic Computed Tomography Scans and Respiratory Outcomes in Persons with and without Chronic Obstructive Pulmonary Disease: A Population-Based Cohort Study. <i>PLoS ONE</i> , 2016, 11, e0166745.	2.5	63
93	The Future of Cardiovascular Computed Tomography. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1058-1072.	5.3	61
94	Structural Integrity of Balloon-Expandable Stents After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 525-532.	2.9	60
95	Transcatheter Valve-In-Valve Implantation for Failed Balloon-Expandable Transcatheter Aortic Valves. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 571-577.	2.9	60
96	Neo-LVOT and Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 854-866.	5.3	60
97	Underexpansion and Ad Hoc Post-Dilation in Selected Patients Undergoing Balloon-Expandable Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2014, 63, 976-981.	2.8	58
98	Computed Tomography-Based Oversizing Degrees and Incidence of Paravalvular Regurgitation of a New Generation Transcatheter Heart Valve. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 810-820.	2.9	57
99	Long-term prognostic impact of CT-Leaman score in patients with non-obstructive CAD: Results from the COronary CT Angiography EvaluatioN For Clinical Outcomes InteRnational Multicenter (CONFIRM) study. <i>International Journal of Cardiology</i> , 2017, 231, 18-25.	1.7	56
100	Association of Age With the Diagnostic Value of Coronary Artery Calcium Score for Ruling Out Coronary Stenosis in Symptomatic Patients. <i>JAMA Cardiology</i> , 2022, 7, 36.	6.1	55
101	Imaging Needs in Novel Transcatheter Tricuspid Valve Interventions. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 736-754.	5.3	54
102	CT Angiography for the Prediction of Hemodynamic Significance in Intermediate and Severe Lesions. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 559-564.	5.3	53
103	Towards large-scale case-finding: training and validation of residual networks for detection of chronic obstructive pulmonary disease using low-dose CT. <i>The Lancet Digital Health</i> , 2020, 2, e259-e267.	12.3	53
104	Pre-procedural assessment of aortic annulus dimensions for transcatheter aortic valve replacement: comparison of a non-contrast 3D MRA protocol with contrast-enhanced cardiac dual-source CT angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 458-466.	1.2	52
105	Mitral Valve Imaging with CT: Relationship with Transcatheter Mitral Valve Interventions. <i>Radiology</i> , 2018, 288, 638-655.	7.3	52
106	Prosthesis-Patient Mismatch After Aortic Valve Replacement in the PARTNER 2 Trial and Registry. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1466-1477.	2.9	52
107	Prospective Randomized Trial on Radiation Dose Estimates of CT Angiography Applying Iterative Image Reconstruction. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 888-896.	5.3	51
108	Transcatheter Mitral Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 489-500.	2.9	51

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109	The Evolving Role of MDCT in Transcatheter Aortic Valve Replacement: A Radiologists' Perspective. American Journal of Roentgenology, 2009, 193, W214-W219.	2.2	48
110	Prediction of fluoroscopic angulation and coronary sinus location by CT in the context of transcatheter mitral valve implantation. Journal of Cardiovascular Computed Tomography, 2015, 9, 183-192.	1.3	46
111	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
112	Interpreting results of coronary computed tomography angiography-derived fractional flow reserve in clinical practice. Journal of Cardiovascular Computed Tomography, 2017, 11, 383-388.	1.3	46
113	Sex-based Prognostic Implications of Nonobstructive Coronary Artery Disease: Results from the International Multicenter CONFIRM Study. Radiology, 2014, 273, 393-400.	7.3	45
114	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
115	Computed tomography derived fractional flow reserve testing in stable patients with typical angina pectoris: influence on downstream rate of invasive coronary angiography. European Heart Journal Cardiovascular Imaging, 2018, 19, 405-414.	1.2	45
116	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
117	Transcatheter Mitral Valve Planning and the Neo-LVOT: Utilization of Virtual Simulation Models and 3D Printing. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 99.	0.9	44
118	Three-Dimensional Echocardiography Compared With Computed Tomography to Determine Mitral Annulus Size Before Transcatheter Mitral Valve Implantation. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	43
119	Sex Differences in Coronary Computed Tomography Angiographyâ€Derived Fractional Flow Reserve. JACC: Cardiovascular Imaging, 2020, 13, 2576-2587.	5.3	42
120	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic. Journal of the American College of Cardiology, 2020, 75, 3177-3183.	2.8	41
121	Iterative reconstruction in cardiac CT. Journal of Cardiovascular Computed Tomography, 2015, 9, 255-263.	1.3	40
122	Prognostic Determinants of Coronary Atherosclerosis in Stable Ischemic Heart Disease. Circulation Research, 2016, 119, 317-329.	4.5	40
123	Self-Expanding Transcatheter Aortic Valve System for Symptomatic High-Risk Patients With Severe Aortic Stenosis. Journal of the American College of Cardiology, 2017, 70, 3127-3136.	2.8	39
124	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	38
125	Clinical Outcomes and Imaging Findings in Women Undergoing TAVR. JACC: Cardiovascular Imaging, 2016, 9, 483-493.	5.3	37
126	Determinants of Rejection Rate for Coronary CT Angiography Fractional Flow Reserve Analysis. Radiology, 2019, 292, 597-605.	7.3	37

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127	Balloon-Expandable Valve for Treatment of Evolut Valve Failure. JACC: Cardiovascular Interventions, 2022, 15, 368-377.	2.9	37
128	Molecular Coronary Plaque Imaging Using ¹⁸ F-Fluoride. Circulation: Cardiovascular Imaging, 2019, 12, e008574.	2.6	36
129	Role of a Regional Multidisciplinary Conference in the Diagnosis of Interstitial Lung Disease. Annals of the American Thoracic Society, 2019, 16, 455-462.	3.2	35
130	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
131	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
132	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 10 853-862.	1.2	32
133	Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. Circulation, 2021, 144, 1396-1408.	1.6	32
134	Transcatheter Interventions for Mitral Regurgitation. JACC: Cardiovascular Imaging, 2019, 12, 2029-2048.	5.3	32
135	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
136	Medical History for Prognostic Risk Assessment and Diagnosis of Stable Patients with Suspected Coronary Artery Disease. American Journal of Medicine, 2015, 128, 871-878.	1.5	30
137	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.	1.2	30
138	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
139	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. European Heart Journal Cardiovascular Imaging, 2015, 16, 490-499.	1.2	29
140	Aortic valve and left ventricular outflow tract calcium volume and distribution in transcatheter aortic valve replacement: Influence on the risk of significant paravalvular regurgitation. Journal of Cardiovascular Computed Tomography, 2018, 12, 290-297.	1.3	29
141	Clinical Trial Principles and Endpoint Definitions for Paravalvular Leaks in Surgical Prosthesis. European Heart Journal, 2018, 39, 1224-1245.	2.2	29
142	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. Radiology, 2013, 267, 718-726.	7.3	28
143	Coronary Computed Tomography Angiography Derived Fractional Flow Reserve and Plaque Stress. Current Cardiovascular Imaging Reports, 2016, 9, 2.	0.6	28
144	Optimal Fluoroscopic Projections of Coronary Ostia and Bifurcations Defined by Computed Tomographic Coronary Angiography. JACC: Cardiovascular Interventions, 2020, 13, 2560-2570.	2.9	28

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