Jonathon Leipsic

List of Publications by Year
in descending order

317 papers	24,148 citations	8181 76 h-index	8630 146 g-index
318 all docs	318 docs citations	318 times ranked	14656 citing authors

#	Article	IF	Citations
1	Coronary artery disease in East and South Asians: differences observed on cardiac CT. Heart, 2022, 108, 251-257.	2.9	6
2	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
3	Prognostic significance of plaque location in non-obstructive coronary artery disease: from the CONFIRM registry. European Heart Journal Cardiovascular Imaging, 2022, 23, 1240-1247.	1.2	7
4	Comparison of coronary atherosclerotic plaque progression in East Asians and Caucasians by serial coronary computed tomographic angiography: A PARADIGM substudy. Journal of Cardiovascular Computed Tomography, 2022, 16, 222-229.	1.3	1
5	Association of Age With the Diagnostic Value of Coronary Artery Calcium Score for Ruling Out Coronary Stenosis in Symptomatic Patients. JAMA Cardiology, 2022, 7, 36.	6.1	55
6	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
7	Geometric differences of the mitral valve apparatus in atrial and ventricular functional mitral regurgitation. Journal of Cardiovascular Computed Tomography, 2022, 16, 431-441.	1.3	6
8	Balloon-Expandable Valve for Treatment of Evolut Valve Failure. JACC: Cardiovascular Interventions, 2022, 15, 368-377.	2.9	37
9	Bypass Grafting and Native Coronary Artery Disease Activity. JACC: Cardiovascular Imaging, 2022, 15, 875-887.	5.3	24
10	Multimodality imaging for prosthetic valves evaluation: Current understanding and future directions. Progress in Cardiovascular Diseases, 2022, 72, 66-77.	3.1	2
11	5-Year Follow-Up From the PARTNER 2 Aortic Valve-in-Valve Registry for Degenerated Aortic SurgicalÂBioprostheses. JACC: Cardiovascular Interventions, 2022, 15, 698-708.	2.9	13
12	Outcomes With Intermediate Left Main Disease: Analysis From the ISCHEMIA Trial. Circulation: Cardiovascular Interventions, 2022, 15, CIRCINTERVENTIONS121010925.	3.9	4
13	Redo Transcatheter Aortic Valve Implantation with the ALLEGRA Transcatheter Heart Valve: Insights from Bench Testing. Cardiovascular Engineering and Technology, 2022, , 1.	1.6	0
14	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry. Radiology: Cardiothoracic Imaging, 2022, 4, e210225.	2.5	6
15	¹⁸F-NaF PET/MRI for Detection of Carotid Atheroma in Acute Neurovascular Syndrome. Radiology, 2022, 305, 137-148.	7.3	7
16	Implementing Coronary Computed Tomography Angiography in the Catheterization Laboratory. JACC: Cardiovascular Imaging, 2021, 14, 1846-1855.	5.3	23
17	Clinical outcomes following real-world computed tomography angiography-derived fractional flow reserve testing in chronic coronary syndrome patients with calcification. European Heart Journal Cardiovascular Imaging, 2021, 22, 1182-1189.	1.2	12
18	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

#	Article	IF	Citations
19	Ten year followâ€up of highâ€risk patients treated during the early experience with transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2021, 97, E431-E437.	1.7	22
20	A comparative assessment of the performance of a state-of-the art small footprint dedicated cardiovascular CT scanner. Journal of Cardiovascular Computed Tomography, 2021, 15, 85-87.	1.3	6
21	2020 SCCT Guideline for Training Cardiology and Radiology Trainees as Independent Practitioners (Level II) and Advanced Practitioners (Level III) in Cardiovascular Computed Tomography: A Statement from the Society of Cardiovascular Computed Tomography. Radiology: Cardiothoracic Imaging, 2021, 3, e200480.	2.5	9
22	Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: results from the ICONIC study. European Heart Journal Cardiovascular Imaging, 2021, 22, 24-33.	1.2	19
23	Multimodality imaging in valvular heart disease: how to use state-of-the-art technology in daily practice. European Heart Journal, 2021, 42, 1912-1925.	2.2	9
24	Heterogenous Distribution of Risk for Cardiovascular Disease Events in Patients With Stable Ischemic Heart Disease. JACC: Cardiovascular Imaging, 2021, 14, 442-450.	5.3	8
25	Training and competency in cardiovascular computed tomography: Collaborative paradigm for the rising tide. Journal of Cardiovascular Computed Tomography, 2021, 15, 88-90.	1.3	3
26	Use of cardiac CT amidst the COVID-19 pandemic and beyond: North American perspective. Journal of Cardiovascular Computed Tomography, 2021, 15, 16-26.	1.3	20
27	The clinical utility of FFRCT stratified by age. Journal of Cardiovascular Computed Tomography, 2021, 15, 121-128.	1.3	6
28	Determination of the Optimal Measurement Point for Fractional Flow Reserve Derived From CTA Using Pressure Wire Assessment as Reference. American Journal of Roentgenology, 2021, 216, 1492-1499.	2.2	18
29	Distribution of Câ€arm projections in native and bioprosthetic aortic valves cusps: Implication for BASILICA procedures. Catheterization and Cardiovascular Interventions, 2021, 97, E580-E587.	1.7	2
30	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
31	Rationale and design of the precise percutaneous coronary intervention plan (<scp>P3</scp>) study: Prospective evaluation of a virtual computed tomographyâ€based percutaneous intervention planner. Clinical Cardiology, 2021, 44, 446-454.	1.8	14
32	Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2021, 14, 489-500.	2.9	51
33	Neo-LVOT and Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2021, 14, 854-866.	5.3	60
34	Prevalence and Characterization of Subclinical Coronary Atherosclerotic Plaque with CT among Individuals with HIV: Results from the Canadian HIV and Aging Cohort Study. Radiology, 2021, 299, 571-580.	7.3	17
35	2021 Update on Safety of Magnetic Resonance Imaging: Joint Statement From Canadian Cardiovascular Society/Canadian Society for Cardiovascular Magnetic Resonance/Canadian Heart Rhythm Society. Canadian Journal of Cardiology, 2021, 37, 835-847.	1.7	10
36	Impact of Dose Reduction Strategies on Image Quality of Coronary CTA in Real-World Clinical Practice: A Subanalysis of PROTECTION VI Registry Data. American Journal of Roentgenology, 2021, 217, 1344-1352.	2.2	5

#	Article	IF	Citations
37	Doppler Velocity Index Outcomes Following Surgical or Transcatheter Aortic Valve Replacement in the PARTNER Trials. JACC: Cardiovascular Interventions, 2021, 14, 1594-1606.	2.9	4
38	Relationships between cardiac structural and functional assessment by cardiac MRI and hemoglobin in end-stage renal disease. Journal of Nephrology, 2021, 34, 1561-1563.	2.0	0
39	Impact of Predilation During Transcatheter Aortic Valve Replacement: Insights From the PARTNER 3 Trial. Circulation: Cardiovascular Interventions, 2021, 14, e010336.	3.9	3
40	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. Journal of Cardiovascular Computed Tomography, 2021, 15, 322-330.	1.3	19
41	Prosthesis-Patient Mismatch After Aortic Valve Replacement in the PARTNER 2 Trial and Registry. JACC: Cardiovascular Interventions, 2021, 14, 1466-1477.	2.9	52
42	Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry. Radiology, 2021, 300, 79-86.	7.3	10
43	Coronary CT angiography derived FFR in patients with left main disease. International Journal of Cardiovascular Imaging, 2021, 37, 3299-3308.	1.5	4
44	Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. Circulation, 2021, 144, 1396-1408.	1.6	32
45	Measurement of compensatory arterial remodelling over time with serial coronary computed tomography angiography and 3D metrics. European Heart Journal Cardiovascular Imaging, 2021, , .	1.2	0
46	Leaflet and Neoskirt Height in Transcatheter Heart Valves. JACC: Cardiovascular Interventions, 2021, 14, 2298-2300.	2.9	24
47	Influence of Heart Rate on Image Quality and Radiation Dose Exposure in Coronary CT Angiography. Radiology, 2021, 300, 701-703.	7.3	6
48	Spatial Dependence of CT Emphysema in Chronic Obstructive Pulmonary Disease Quantified by Using Join-Count Statistics. Radiology, 2021, 301, 702-709.	7.3	11
49	Cardiovascular CT and MRI in 2020: Review of Key Articles. Radiology, 2021, 301, 263-277.	7.3	5
50	Transcatheter Replacement of Transcatheter Versus Surgically Implanted AorticÂValveÂBioprostheses. Journal of the American College of Cardiology, 2021, 77, 1-14.	2.8	64
51	Impact of Annular Oversizing on Paravalvular Regurgitation and ValveÂHemodynamics. JACC: Cardiovascular Interventions, 2021, 14, 2158-2169.	2.9	9
52	2-Year Outcomes of Transcatheter Mitral Valve Replacement in Patients With Severe Symptomatic Mitral Regurgitation. Journal of the American College of Cardiology, 2021, 78, 1847-1859.	2.8	84
53	Using advanced analytics to advance our understanding of aortic stenosis and risk. European Heart Journal Cardiovascular Imaging, 2021, 22, 636-637.	1.2	0
54	Bluetooth-enabled implantable cardiac monitors and two-way smartphone communication for patients with hypertrophic cardiomyopathy. CJC Open, 2021, 4, 305-314.	1.5	2

#	Article	IF	Citations
55	Prognostic long-term value of nonobstructive disease in emergency department chest pain patients who undergo CCTA. Journal of Cardiovascular Computed Tomography, 2021, , .	1.3	0
56	Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Imaging, 2020, 13, 124-139.	5.3	22
57	1-Year Impact on Medical Practice and Clinical Outcomes of FFRCT. JACC: Cardiovascular Imaging, 2020, 13, 97-105.	5.3	204
58	Transcatheter aortic valveâ€inâ€valve implantation for failed surgical bioprosthetic valves. A minimalist approach without contrast aortography or echocardiographic guidance. Catheterization and Cardiovascular Interventions, 2020, 95, 45-53.	1.7	3
59	Implications of hydrodynamic testing to guide sizing of selfâ€expanding transcatheter heart valves for valveâ€inâ€valve procedures. Catheterization and Cardiovascular Interventions, 2020, 96, E332-E340.	1.7	3
60	Midâ€term outcome in patients with bicuspid aortic valve stenosis following transcatheter aortic valve replacement with a current generation device: A multicenter study. Catheterization and Cardiovascular Interventions, 2020, 95, 1186-1192.	1.7	12
61	Long-Term Durability of Transcatheter Heart Valves. JACC: Cardiovascular Interventions, 2020, 13, 235-249.	2.9	26
62	Structural Deterioration of Transcatheter Versus Surgical Aortic Valve Bioprostheses in the PARTNER-2 Trial. Journal of the American College of Cardiology, 2020, 76, 1830-1843.	2.8	119
63	Sex Differences in Coronary Computed Tomography Angiographyâ€“Derived Fractional Flow Reserve. JACC: Cardiovascular Imaging, 2020, 13, 2576-2587.	5.3	42
64	Differences in coronary vasodilatory capacity and atherosclerosis in endurance athletes using coronary CTA and computational fluid dynamics (CFD): Comparison with a sedentary lifestyle. European Journal of Radiology, 2020, 130, 109168.	2.6	2
65	Outcome of Flow-Gradient Patterns of Aortic Stenosis After Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2020, 13, e008792.	3.9	18
66	Impact of Plaque Burden Versus Stenosis on Ischemic Events in Patients With Coronary Atherosclerosis. Journal of the American College of Cardiology, 2020, 76, 2803-2813.	2.8	149
67	Annular versus supra-annular sizing for transcatheter aortic valve replacement in bicuspid aortic valve disease. Journal of Cardiovascular Computed Tomography, 2020, 14, 407-413.	1.3	20
68	Prognostic significance of subtle coronary calcification in patients with zero coronary artery calcium score: From the CONFIRM registry. Atherosclerosis, 2020, 309, 33-38.	0.8	14
69	Cardiovascular CT and MRI in 2019: Review of Key Articles. Radiology, 2020, 297, 17-30.	7.3	9
70	Association of Cardiovascular Disease Risk Factor Burden With Progression of Coronary Atherosclerosis Assessed by Serial Coronary Computed Tomographic Angiography. JAMA Network Open, 2020, 3, e2011444.	5.9	26
71	Optimal Fluoroscopic Projections of Coronary Ostia and Bifurcations Defined by Computed Tomographic Coronary Angiography. JACC: Cardiovascular Interventions, 2020, 13, 2560-2570.	2.9	28
72	Meta-analysis of Incidence, Predictors and Consequences of Clinical and Subclinical Bioprosthetic Leaflet Thrombosis After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2020, 132, 106-113.	1.6	16

#	Article	IF	Citations
73	Bioprosthetic Valve Thrombosis: Insights from Transcatheter and Surgical Implants. Structural Heart, 2020, 4, 382-388.	0.6	4
74	Safety and feasibility evaluation of planning and execution of surgical revascularisation solely based on coronary CTA and FFR_{CT} in patients with complex coronary artery disease: study protocol of the FASTTRACK CABG study. BMJ Open, 2020, 10, e038152.	1.9	24
75	Impact of Cardiovascular Care of COVID-19: Lessons Learned, Current Challenges, and Future Opportunities. Radiology: Cardiothoracic Imaging, 2020, 2, e200251.	2.5	7
76	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic. Annals of Thoracic Surgery, 2020, 110, 733-740.	1.3	15
77	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. Canadian Journal of Cardiology, 2020, 36, 971-976.	1.7	13
78	Repeat Transcatheter Aortic Valve Replacement for Transcatheter Prosthesis Dysfunction. Journal of the American College of Cardiology, 2020, 75, 1882-1893.	2.8	140
79	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic. Journal of the American College of Cardiology, 2020, 75, 3177-3183.	2.8	41
80	Coronary ostial eccentricity in severe aortic stenosis: Guidance for BASILICA transcatheter leaflet laceration. Journal of Cardiovascular Computed Tomography, 2020, 14, 516-519.	1.3	14
81	Subclinical Leaflet Thrombosis in Transcatheter and Surgical BioprostheticÂValves. Journal of the American College of Cardiology, 2020, 75, 3003-3015.	2.8	165
82	Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. European Heart Journal Cardiovascular Imaging, 2020, 21, 973-980.	1.2	26
83	CAD Severity on Cardiac CTA IdentifiesÂPatients With Most Benefit ofÂTreating LDL-Cholesterol to ACC/AHA and ESC/EAS Targets. JACC: Cardiovascular Imaging, 2020, 13, 1961-1972.	5.3	16
84	Mixed Valvular Disease Following Transcatheter Aortic Valve Replacement: Quantification and Systematic Differentiation Using Clinical Measurements and Imageâ€Based Patientâ€Specific In Silico Modeling. Journal of the American Heart Association, 2020, 9, e015063.	3.7	26
85	Fractional Flow Reserve Derived from Coronary Computed Tomography Angiography Safely Defers Invasive Coronary Angiography in Patients with Stable Coronary Artery Disease. Journal of Clinical Medicine, 2020, 9, 604.	2.4	21
86	Bioprosthetic Valve Leaflet Displacement During Valve-in-Valve Intervention. JACC: Cardiovascular Interventions, 2020, 13, 667-678.	2.9	7
87	Transcatheter Mitral Valve Repair and Replacement: Current Evidence for Intervention and the Role of CT in Preprocedural Planningâ€”A Review for Radiologists and Cardiologists Alike. Radiology: Cardiothoracic Imaging, 2020, 2, e190106.	2.5	7
88	Increased long-term mortality in women with high left ventricular ejection fraction: data from the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes: An InteRnational Multicenter) long-term registry. European Heart Journal Cardiovascular Imaging, 2020, 21, 363-374.	1.2	25
89	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. JAMA Cardiology, 2020, 5, 282.	6.1	90
90	The ISCHEMIA Trial: Implication for Cardiac Imaging in 2020 and Beyond. Radiology: Cardiothoracic Imaging, 2020, 2, e200021.	2.5	2

#	Article	IF	Citations
91	Towards large-scale case-finding: training and validation of residual networks for detection of chronic obstructive pulmonary disease using low-dose CT. The Lancet Digital Health, 2020, 2, e259-e267.	12.3	53
92	A Cardiac Computed Tomographyâ€“Based Score to Categorize MitralÂAnnularÂCalcification Severity and Predict Valve Embolization. JACC: Cardiovascular Imaging, 2020, 13, 1945-1957.	5.3	91
93	Effect of Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve on Physiciansâ€™ Clinical Behaviorã€€â€• Differences Between Sites With and Without Appropriate Use Criteria as Designated by the Japanese Reimbursement System â€•. Circulation Reports, 2020, 2, 364-371.	1.0	1
94	Comprehensive Echocardiographic Assessment of Normal Transcatheter Valve Function. JACC: Cardiovascular Imaging, 2019, 12, 25-34.	5.3	130
95	Left ventricular strain analysis using cardiac magnetic resonance imaging in patients undergoing inâ€centre nocturnal haemodialysis. Nephrology, 2019, 24, 557-563.	1.6	5
96	Molecular Coronary Plaque Imaging Using ¹⁸ F-Fluoride. Circulation: Cardiovascular Imaging, 2019, 12, e008574.	2.6	36
97	Bioprosthetic Heart Valve Degeneration and Dysfunction: Focus on Mechanisms and Multidisciplinary Imaging Considerations. Radiology: Cardiothoracic Imaging, 2019, 1, e190004.	2.5	8
98	Prognosis of CT-derived Fractional Flow Reserve in the Prediction of Clinical Outcomes. Radiology: Cardiothoracic Imaging, 2019, 1, e190021.	2.5	8
99	Imaging of Aortic Valve Cusps Using Commissural Alignment. JACC: Cardiovascular Imaging, 2019, 12, 2262-2265.	5.3	5
100	Determinants of Rejection Rate for Coronary CT Angiography Fractional Flow Reserve Analysis. Radiology, 2019, 292, 597-605.	7.3	37
101	Controversies in Diagnostic Imaging of Patients With Suspected Stable and Acute Chest Pain Syndromes. JACC: Cardiovascular Imaging, 2019, 12, 1254-1278.	5.3	6
102	Clinical Importance of Fontan Circuit Thrombus in the Adult Population: Significant Association With Increased Risk of Cardiovascular Events. Canadian Journal of Cardiology, 2019, 35, 1807-1814.	1.7	15
103	Guiding Therapy by Coronary CT Angiography Improves Outcomes in Patients With StableÂChest Pain. Journal of the American College of Cardiology, 2019, 74, 2058-2070.	2.8	99
104	The new age of radiomic risk profiling: perivascular fat at the heart of the matter. European Heart Journal, 2019, 40, 3544-3546.	2.2	6
105	Prosthetic Valve Endocarditis After TAVR and SAVR. Circulation, 2019, 140, 1984-1994.	1.6	75
106	The Neo LVOT. JACC: Cardiovascular Interventions, 2019, 12, 2413-2415.	2.9	4
107	From Subclinical Atherosclerosis to Plaque Progression and Acute CoronaryÂEvents. Journal of the American College of Cardiology, 2019, 74, 1608-1617.	2.8	195
108	Predicting Left Ventricular Outflow Tract Obstruction After Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Interventions, 2019, 12, 194-195.	2.9	16

#	Article	IF	Citations
109	A cross-sectional survey of coronary plaque composition in individuals on non-statin lipid lowering drug therapies and undergoing coronary computed tomography angiography. Journal of Cardiovascular Computed Tomography, 2019, 13, 99-104.	1.3	2
110	3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses. Journal of the American College of Cardiology, 2019, 73, 2647-2655.	2.8	123
111	How accurate is atherosclerosis imaging by coronary computed tomography angiography?. Journal of Cardiovascular Computed Tomography, 2019, 13, 254-260.	1.3	26
112	The Future of Cardiovascular ComputedÂTomography. JACC: Cardiovascular Imaging, 2019, 12, 1058-1072.	5.3	61
113	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. Radiology, 2019, 292, 343-351.	7.3	89
114	Plaque, Pressure, and Risk. Journal of the American College of Cardiology, 2019, 73, 2425-2426.	2.8	1
115	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
116	Safety of Accelerated Recovery on a Cardiology Ward and Early Discharge Following Minimalist TAVR in the Catheterization Laboratory: The Vancouver Accelerated Recovery Clinical Pathway. Structural Heart, 2019, 3, 229-235.	0.6	7
117	Percutaneous Transcatheter MitralÂValveÂReplacement. Journal of the American College of Cardiology, 2019, 73, 1239-1246.	2.8	87
118	Initial Feasibility Study of a NewÂTranscatheter Mitral Prosthesis. Journal of the American College of Cardiology, 2019, 73, 1250-1260.	2.8	172
119	Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients. New England Journal of Medicine, 2019, 380, 1695-1705.	27.0	3,312
120	Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. Structural Heart, 2019, 3, 324-328.	0.6	1
121	The Predictive Value of Coronary Artery Calcium Scoring for Major Adverse Cardiac Events According to Renal Function (from the Coronary Computed Tomography Angiography Evaluation for Clinical) Tj ETQq1 1 0.784314 rgBT /Overlo 123, 1435-1442.	1.6	12
122	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
123	Core Competencies in CardiacÂCTÂforÂImaging StructuralÂHeartÂDisease Interventions. JACC: Cardiovascular Imaging, 2019, 12, 2555-2559.	5.3	21
124	Cardiac Computed Tomography (CT) Evaluation of Valvular Heart Disease in Transcatheter Interventions. Current Cardiology Reports, 2019, 21, 154.	2.9	15
125	Unlocking Prognostic Information from Cardiac CT: Does Aortic Mitral Continuity Calcification Matter?. Radiology: Cardiothoracic Imaging, 2019, 1, e190229.	2.5	0
126	Left Atrial Remodeling Assessed by Cardiac MRI after Conversion from Conventional HemodialysisÂto In-Centre Nocturnal Hemodialysis. Journal of Nephrology, 2019, 32, 273-281.	2.0	5

#	Article	IF	Citations
127	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. JACC: Cardiovascular Imaging, 2019, 12, 1987-1997.	5.3	78
128	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
129	Imaging for Predicting and Assessing Prosthesis-Patient Mismatch AfterÂAorticÂValveÂReplacement. JACC: Cardiovascular Imaging, 2019, 12, 149-162.	5.3	83
130	Correlation of FFR-derived from CT and stress perfusion CMR with invasive FFR in intermediate-grade coronary artery stenosis. International Journal of Cardiovascular Imaging, 2019, 35, 559-568.	1.5	10
131	Transcatheter Interventions for MitralÂRegurgitation. JACC: Cardiovascular Imaging, 2019, 12, 2029-2048.	5.3	32
132	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
133	Influence of symptom typicality for predicting MACE in patients without obstructive coronary artery disease: From the CONFIRM Registry (Coronary Computed Tomography Angiography Evaluation for) Tj ETQq1 1 0.784314 rgBT /Over		
134	Diagnostic Performance of a Novel Coronary CT Angiography Algorithm: Prospective Multicenter Validation of an Intracycle CT Motion Correction Algorithm for Diagnostic Accuracy. American Journal of Roentgenology, 2018, 210, 1208-1215.	2.2	6
135	Oesophageal diameter is associated with severity but not progression of systemic sclerosisâ€associated interstitial lung disease. Respirology, 2018, 23, 921-926.	2.3	19
136	The design and rationale of SAVE BC: The Study to Avoid CardioVascular Events in British Columbia. Clinical Cardiology, 2018, 41, 888-895.	1.8	11
137	Lesion-Specific and Vessel-Related Determinants of Fractional Flow Reserve Beyond Coronary Artery Stenosis. JACC: Cardiovascular Imaging, 2018, 11, 521-530.	5.3	95
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	Itâ€™s in the Field of View!. Circulation Research, 2018, 122, 402-404.	4.5	2
140	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. Circulation, 2018, 137, 388-399.	1.6	350
141	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
142	Prospective Comparison of Standard- Versus Low-Radiation-Dose CT Enterography for the Quantitative Assessment of Crohn Disease. American Journal of Roentgenology, 2018, 210, W54-W62.	2.2	18
143	The Coronary Artery Diseaseâ€“Reporting and Data System (CAD-RADS). JACC: Cardiovascular Imaging, 2018, 11, 78-89.	5.3	91
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

#	Article	IF	Citations
145	CAC-DRS: Coronary Artery Calcium Data and Reporting System. An expert consensus document of the Society of Cardiovascular Computed Tomography (SCCT). Journal of Cardiovascular Computed Tomography, 2018, 12, 185-191.	1.3	145
146	The contribution of thoracic vertebral deformity and arthropathy to trunk pain in patients with chronic obstructive pulmonary disease (COPD). Respiratory Medicine, 2018, 137, 115-122.	2.9	13
147	Development of a congenital cardiovascular computed tomography imaging registry: Rationale and implementation. Journal of Cardiovascular Computed Tomography, 2018, 12, 263-266.	1.3	12
148	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
149	Clinical Trial Principles and Endpoint Definitions for Paravalvular Leaks in Surgical Prosthesis. European Heart Journal, 2018, 39, 1224-1245.	2.2	29
150	Total Airway Count on Computed Tomography and the Risk of Chronic Obstructive Pulmonary Disease Progression. Findings from a Population-based Study. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 56-65.	5.6	147
151	Association between conversion to in-center nocturnal hemodialysis and right ventricular remodeling. Nephrology Dialysis Transplantation, 2018, 33, 1010-1016.	0.7	8
152	FFR_{CT} for Complex Coronary Artery Disease Treatment Planning: New Opportunities. Interventional Cardiology Review, 2018, 13, 126.	1.6	10
153	Usefulness of baseline statin therapy in non-obstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (COronary CT Angiography EvaluatioN For) Tj ETQq1 1 0.784314 rgBT /Ove	2.8	18
154	CT-Fluoroscopic Real Time Fusionâ€"Ready for Primetime?. Structural Heart, 2018, 2, 439-440.	0.6	0
155	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
156	Left ventricular outflow obstruction predicts increase in systolic pressure gradients and blood residence time after transcatheter mitral valve replacement. Scientific Reports, 2018, 8, 15540.	3.3	24
157	Prognostic value of age adjusted segment involvement score as measured by coronary computed tomography: a potential marker of vascular age. Heart and Vessels, 2018, 33, 1288-1300.	1.2	6
158	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. Journal of the American College of Cardiology, 2018, 71, 2511-2522.	2.8	328
159	Coronary CT Angiography to GuideÂTreatment Decision Making. Journal of the American College of Cardiology, 2018, 71, 2770-2772.	2.8	4
160	Is it time to move from treating risk factors of the disease to treating the disease?. European Heart Journal, 2018, 39, 2409-2411.	2.2	3
161	Mitral Valve Imaging with CT: Relationship with Transcatheter Mitral Valve Interventions. Radiology, 2018, 288, 638-655.	7.3	52
162	Imaging Needs in Novel Transcatheter TricuspidÂValve Interventions. JACC: Cardiovascular Imaging, 2018, 11, 736-754.	5.3	54

#	Article	IF	Citations
163	Coronary CT Angiographic and Flow Reserve-Guided Management of Patients With Stable Ischemic Heart Disease. Journal of the American College of Cardiology, 2018, 72, 2123-2134.	2.8	138
164	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.	2.2	149
165	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
166	The Effect of Post-Dilatation on Outcomes in the PARTNER 2 SAPIEN 3ÂRegistry. JACC: Cardiovascular Interventions, 2018, 11, 1710-1718.	2.9	15
167	Fluoroscopic Anatomy of Right-Sided Heart Structures for Transcatheter Interventions. JACC: Cardiovascular Interventions, 2018, 11, 1614-1625.	2.9	25
168	Rationale and design of the worldwide prospective multicenter registry on radiation dose estimates of cardiac CT angiography in daily practice in 2017 (PROTECTION VI). Journal of Cardiovascular Computed Tomography, 2018, 12, 81-85.	1.3	12
169	Defining the relationship between atherosclerotic plaque, ischaemia, and riskâ€"the story unfolds. European Heart Journal Cardiovascular Imaging, 2017, 18, jew282.	1.2	1
170	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
171	Predicting LVOTÂObstruction in Transcatheter Mitral ValveÂImplantation. JACC: Cardiovascular Imaging, 2017, 10, 482-485.	5.3	213
172	Clinical Use of Coronary CTAâ€"Derived FFRÂfor Decision-Making in Stable CAD. JACC: Cardiovascular Imaging, 2017, 10, 541-550.	5.3	126
173	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
174	Clinical indications for coronary artery calcium scoring in asymptomatic patients: Expert consensus statement from the Society of Cardiovascular Computed Tomography. Journal of Cardiovascular Computed Tomography, 2017, 11, 157-168.	1.3	258
175	Comparison of low-dose coronary artery calcium scoring using low tube current technique and hybrid iterative reconstruction vs. filtered back projection. Clinical Imaging, 2017, 43, 19-23.	1.5	7
176	Trials Testing the Value of Imaging Use inÂValve Disease and in Transcatheter Valvular Interventions. JACC: Cardiovascular Imaging, 2017, 10, 286-295.	5.3	7
177	Sex differences in the aortic root size: Implications for TAVR. Journal of Cardiovascular Computed Tomography, 2017, 11, 97-98.	1.3	1
178	Clinical Trial Principles and Endpoint Definitions for Paravalvular Leaks in Surgical Prosthesis. Journal of the American College of Cardiology, 2017, 69, 2067-2087.	2.8	88
179	Computed Tomographyâ€"Based Oversizing Degrees and Incidence of Paravalvular Regurgitation of a New Generation Transcatheter Heart Valve. JACC: Cardiovascular Interventions, 2017, 10, 810-820.	2.9	57
180	Left ventricular access point determination for a coaxial approach to the mitral annular landing zone in transcatheter mitral valve replacement. Journal of Cardiovascular Computed Tomography, 2017, 11, 281-287.	1.3	26

#	Article	IF	Citations
181	Transcatheter Aortic Valve Implantation Within Degenerated Aortic Surgical Bioprostheses. Journal of the American College of Cardiology, 2017, 69, 2253-2262.	2.8	271
182	Relationships Between Left Ventricular Structure and Function According to Cardiac MRI and Cardiac Biomarkers in End-Stage Renal Disease. Canadian Journal of Cardiology, 2017, 33, 501-507.	1.7	10
183	Multimodality Imaging for Planning and Follow-up of Transcatheter Aortic Valve Replacement. Canadian Journal of Cardiology, 2017, 33, 1110-1123.	1.7	8
184	Outcomes in Transcatheter Aortic Valve Replacement for Bicuspid Versus TricuspidÂAorticÂValve Stenosis. Journal of the American College of Cardiology, 2017, 69, 2579-2589.	2.8	356
185	Coronary revascularization vs. medical therapy following coronary-computed tomographic angiography in patients with low-, intermediate- and high-risk coronary artery disease: results from the CONFIRM long-term registry. European Heart Journal Cardiovascular Imaging, 2017, 18, 841-848.	1.2	11
186	Cardiac Computed Tomography and Magnetic Resonance Imaging in the Evaluation of Mitral and Tricuspid Valve Disease. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	85
187	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
188	Transcatheter Mitral Valve Replacement for Patients With SymptomaticÂMitralÂRegurgitation. Journal of the American College of Cardiology, 2017, 69, 381-391.	2.8	257
189	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
190	Prognostic implications of coronary artery calcium in the absence of coronary artery luminal narrowing. Atherosclerosis, 2017, 262, 185-190.	0.8	14
191	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
192	Coronary CT Angiography Derived Fractional Flow Reserve: The Game Changer in Noninvasive Testing. Current Cardiology Reports, 2017, 19, 112.	2.9	9
193	Myocardial Perfusion Imaging Versus Computed Tomography Angiographyâ€“Derived Fractional Flow Reserve Testing in Stable Patients With Intermediateâ€Range Coronary Lesions: Influence on Downstream Diagnostic Workflows and Invasive Angiography Findings. Journal of the American Heart Association, 2017, 6, .	3.7	23
194	Transcatheter Tricuspid Valve Repair WithÂa New Transcatheter Coaptation System for the Treatment of Severe Tricuspid Regurgitation. JACC: Cardiovascular Interventions, 2017, 10, 1994-2003.	2.9	96
195	Comparison of Coronary CT Angiography, SPECT, PET, and Hybrid Imaging for Diagnosis of Ischemic Heart Disease Determined by Fractional Flow Reserve. JAMA Cardiology, 2017, 2, 1100.	6.1	324
196	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	38
197	Effect of the ratio of coronary arterial lumen volume to left ventricle myocardial mass derived from coronary CT angiography on fractional flow reserve. Journal of Cardiovascular Computed Tomography, 2017, 11, 429-436.	1.3	65
198	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

#	Article	IF	Citations
199	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
200	Course of early subclinical leaflet thrombosis after transcatheter aortic valve implantation with or without oral anticoagulation. Clinical Research in Cardiology, 2017, 106, 85-95.	3.3	82
201	FFR Derived FromÂCoronary CT Angiography inÂNonculpritÂLesions of Patients WithÂRecentÂSTEMI. JACC: Cardiovascular Imaging, 2017, 10, 424-433.	5.3	64
202	Impact of age and sex on left ventricular function determined by coronary computed tomographic angiography: results from the prospective multicentre CONFIRM study. European Heart Journal Cardiovascular Imaging, 2017, 18, 990-1000.	1.2	23
203	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
204	Evaluation of patients with fibrotic interstitial lung disease: A Canadian Thoracic Society position statement. Canadian Journal of Respiratory, Critical Care, and Sleep Medicine, 2017, 1, 133-141.	0.5	15
205	Developing a Deeper Understanding of Sex Differences in the Diagnostic Performance of Computed Tomographic Perfusion Imaging Toward a More Personalized Approach. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	0
206	Coronary CT Angiography-Derived Fractional Flow Reserve. Current Radiology Reports, 2016, 4, 1.	1.4	1
207	Rationale and Design of the CREDENCE Trial: computed TomogRaphic evaluation of atherosclerotic DEtermiNants of myocardial IsChEmia. BMC Cardiovascular Disorders, 2016, 16, 190.	1.7	24
208	Beyond Stenosis With Fractional Flow Reserve Via Computed Tomography and Advanced Plaque Analyses forÂthe Diagnosis of Lesion-Specific Ischemia. Canadian Journal of Cardiology, 2016, 32, 1315.e1-1315.e9.	1.7	4
209	Diagnostic Algorithms for StableÂChestÂPain. Journal of the American College of Cardiology, 2016, 67, 2617-2619.	2.8	0
210	Comparison of Rates of Coronary Angiography and Combined Testing Procedures in Patients Seen in the Emergency Room With Chest Pain (But No Objective Acute Coronary Syndrome Findings) Having Coronary Computed Tomography Versus Exercise Stress Testing. American Journal of Cardiology, 2016, 118, 155-161.	1.6	1
211	Sex-Specific Associations Between Coronary Artery Plaque Extent and Risk ofÂMajor Adverse Cardiovascular Events. JACC: Cardiovascular Imaging, 2016, 9, 364-372.	5.3	108
212	From Newton to the Coronaries. JACC: Cardiovascular Imaging, 2016, 9, 700-702.	5.3	6
213	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. European Heart Journal, 2016, 37, 1220-1227.	2.2	257
214	Association of Coronary Stenosis and Plaque Morphology With Fractional Flow Reserve and Outcomes. JAMA Cardiology, 2016, 1, 350.	6.1	108
215	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. European Heart Journal Cardiovascular Imaging, 2016, 17, 458-466.	1.2	52
216	Bicuspid Aortic Valve Stenosis. JACC: Cardiovascular Interventions, 2016, 9, 817-824.	2.9	147

#	Article	IF	Citations
217	Clinical Outcomes and Imaging Findings inÂWomen Undergoing TAVR. JACC: Cardiovascular Imaging, 2016, 9, 483-493.	5.3	37
218	Transcatheter Aortic Valve Thrombosis. Journal of the American College of Cardiology, 2016, 68, 2059-2069.	2.8	312
219	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
220	Computed tomography assessment for transcatheter aortic valve in valve implantation: The vancouver approach to predict anatomical risk for coronary obstruction and other considerations. Journal of Cardiovascular Computed Tomography, 2016, 10, 491-499.	1.3	82
221	Long-Term Prognostic Utility of CoronaryÂCTÂAngiography in Stable Patients WithÂDiabetes Mellitus. JACC: Cardiovascular Imaging, 2016, 9, 1280-1288.	5.3	70
222	Stepping stones, milestones, and obstructing boulders. Journal of Cardiovascular Computed Tomography, 2016, 10, 433-434.	1.3	0
223	Image quality is key in CT for transcatheter aortic valve replacement. Journal of Cardiovascular Computed Tomography, 2016, 10, 375-376.	1.3	1
224	Prognostic Determinants of Coronary Atherosclerosis in Stable Ischemic Heart Disease. Circulation Research, 2016, 119, 317-329.	4.5	40
225	SCCT guidelines for the performance and acquisition of coronary computed tomographic angiography: A report of the Society of Cardiovascular Computed Tomography Guidelines Committee. Journal of Cardiovascular Computed Tomography, 2016, 10, 435-449.	1.3	663
226	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
227	Self-expanding Portico Valve Versus Balloon-expandable SAPIEN XT Valve in Patients With Small Aortic Annuli: Comparison of Hemodynamic Performance. Revista Espanola De Cardiologia (English Ed), 2016, 69, 501-508.	0.6	7
228	Optimal fluoroscopic viewing angles of left-sided heart structures in patients with aortic stenosis and mitral regurgitation based on multislice computed tomography. Journal of Cardiovascular Computed Tomography, 2016, 10, 162-172.	1.3	26
229	Prognostic Value of Fat Mass and Skeletal Muscle Mass Determined by Computed Tomography in Patients Who Underwent Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2016, 117, 828-833.	1.6	71
230	CT Angiography for the Prediction of Hemodynamic Significance in Intermediate and Severe Lesions. JACC: Cardiovascular Imaging, 2016, 9, 559-564.	5.3	53
231	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
232	Mitral Annular Dimensions and Geometry in Patients With Functional Mitral Regurgitation and Mitral Valve Prolapse. JACC: Cardiovascular Imaging, 2016, 9, 269-280.	5.3	75
233	Coronary Computed Tomography Angiography Derived Fractional Flow Reserve and Plaque Stress. Current Cardiovascular Imaging Reports, 2016, 9, 2.	0.6	28
234	Early hypo-attenuated leaflet thickening in balloon-expandable transcatheter aortic heart valves. European Heart Journal, 2016, 37, 2263-2271.	2.2	235

#	Article	IF	Citations
235	The Association Between Conversion to In-centre Nocturnal Hemodialysis and Left Ventricular Mass Regression in Patients With End-Stage Renal Disease. Canadian Journal of Cardiology, 2016, 32, 369-377.	1.7	27
236	Implementation of a quality improvement initiative to reduce daily chest radiographs in the intensive care unit. BMJ Quality and Safety, 2016, 25, 379-385.	3.7	15
237	Coronary computed tomography angiography. Cmaj, 2016, 188, 139-139.	2.0	0
238	Findings on Thoracic Computed Tomography Scans and Respiratory Outcomes in Persons with and without Chronic Obstructive Pulmonary Disease: A Population-Based Cohort Study. PLoS ONE, 2016, 11, e0166745.	2.5	63
239	Emphysema Distribution and Diffusion Capacity Predict Emphysema Progression in Human Immunodeficiency Virus Infection. PLoS ONE, 2016, 11, e0167247.	2.5	10
240	Calcification of the aortic valve and mitral apparatus: location, quantification and implications for device selection. EuroIntervention, 2016, 12, Y16-Y20.	3.2	6
241	Stroke Related to Transcatheter Heart Valve Thrombosis. Journal of Heart Valve Disease, 2016, 25, 756-759.	0.5	1
242	Lung and Heart Diseases Are Better Predicted by Pack-Years than by Smoking Status or Duration of Smoking Cessation in HIV Patients. PLoS ONE, 2015, 10, e0143700.	2.5	10
243	Cardiac CT in asymptomatic diabetes mellitus: role of non-invasive atherosclerosis imaging in high-risk asymptomatic individuals. European Heart Journal Cardiovascular Imaging, 2015, 16, 1060-1061.	1.2	1
244	Early Aortic Transcatheter Heart Valve Thrombosis. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	174
245	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
246	Transcatheter Aortic and MitralÂValve-in-Valve Implantation for FailedÂSurgical Bioprosthetic Valves. JACC: Cardiovascular Interventions, 2015, 8, 1735-1744.	2.9	130
247	Effectiveness of a low contrast load CT angiography protocol in octogenarians and nonagenarians being evaluated for transcatheter aortic valve replacement. Clinical Imaging, 2015, 39, 815-819.	1.5	11
248	Regional Systems of Care to Optimize Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2015, 8, 1944-1951.	2.9	22
249	A randomized, multicenter, multivendor study of myocardial perfusion imaging with regadenoson CT perfusion vs single photon emission CT. Journal of Cardiovascular Computed Tomography, 2015, 9, 103-112.e2.	1.3	69
250	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
251	Imaging the Aortic Annulus with Multi-Detector Computed Tomography and 3-Dimensional Transesophageal Echocardiography. Interventional Cardiology Clinics, 2015, 4, 23-37.	0.4	2
252	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

#	Article	IF	Citations
253	Atherosclerotic Plaque Characteristics byÂCT Angiography Identify Coronary Lesions That Cause Ischemia. JACC: Cardiovascular Imaging, 2015, 8, 1-10.	5.3	241
254	Mitral Annular Evaluation With CT in the Context of Transcatheter MitralÂValve Replacement. JACC: Cardiovascular Imaging, 2015, 8, 612-615.	5.3	105
255	Do Plaques Rapidly Progress Prior to Myocardial Infarction?. Circulation Research, 2015, 117, 99-104.	4.5	143
256	Iterative reconstruction in cardiac CT. Journal of Cardiovascular Computed Tomography, 2015, 9, 255-263.	1.3	40
257	Prospective Randomized Trial on Radiation Dose Estimates of CT Angiography ApplyingÂIterative Image Reconstruction. JACC: Cardiovascular Imaging, 2015, 8, 888-896.	5.3	51
258	Current trends in patients with chronic total occlusions undergoing coronary CT angiography. Heart, 2015, 101, 1212-1218.	2.9	18
259	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
260	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
261	Right Ventricular Assessment in Adult Congenital Heart Disease Patients with Right Ventricleâ€“toâ€“Pulmonary Artery Conduits. Journal of the American Society of Echocardiography, 2015, 28, 522-532.	2.8	16
262	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. JACC: Cardiovascular Interventions, 2015, 8, 462-471.	2.9	122
263	Coronary Obstruction in Transcatheter Aortic Valve-in-Valve Implantation. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	202
264	Rationale and design of the dual-energy computed tomography for ischemia determination compared to â€œgold standardâ€•non-invasive and invasive techniques (DECIDE-Gold): A multicenter international efficacy diagnostic study of rest-stress dual-energy computed tomography angiography with perfusion. Journal of Nuclear Cardiology, 2015, 22, 1031-1040.	2.1	22
265	Dual-Energy CT of the Heart: Current State and Future Prospects. Current Radiology Reports, 2015, 3, 1.	1.4	0
266	Computed Tomography Imaging Prior to Transcatheter Aortic Valve Replacement. Current Radiology Reports, 2015, 3, 1.	1.4	1
267	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
268	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
269	A Clinical Model to Identify Patients With High-Risk Coronary Artery Disease. JACC: Cardiovascular Imaging, 2015, 8, 427-434.	5.3	26
270	First-in-Man Experience of a Novel Transcatheter Repair System for Treating Severe Tricuspid Regurgitation. Journal of the American College of Cardiology, 2015, 66, 2475-2483.	2.8	129

#	Article	IF	Citations
271	Multimodality Imaging in the Context of Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2015, 8, 1191-1208.	5.3	158
272	Noninvasive Fractional Flow Reserve Derived From Coronary CT Angiography. JACC: Cardiovascular Imaging, 2015, 8, 1209-1222.	5.3	206
273	Safety and efficiency of outpatient versus emergency department-based coronary CT angiography for evaluation of patients with potential ischemic chest pain. Journal of Cardiovascular Computed Tomography, 2015, 9, 534-537.	1.3	7
274	Influence of Coronary Calcification on theÂDiagnostic Performance of CT Angiography Derived FFR in CoronaryÂArtery Disease. JACC: Cardiovascular Imaging, 2015, 8, 1045-1055.	5.3	145
275	A Strategy of Underexpansion and AdÂHocÂPost-Dilation of Balloon-Expandable Transcatheter Aortic Valves in Patients atÂRisk of Annular Injury. JACC: Cardiovascular Interventions, 2015, 8, 1727-1732.	2.9	24
276	Effects of cardiac medications for patients with obstructive coronary artery disease by coronary computed tomographic angiography: Results from the multicenter CONFIRM registry. Atherosclerosis, 2015, 238, 119-125.	0.8	11
277	Is Metabolic Syndrome Predictive of Prevalence, Extent, and Risk of Coronary Artery Disease beyond Its Components? Results from the Multinational Coronary CT Angiography Evaluation for Clinical Outcome: An International Multicenter Registry (CONFIRM). PLoS ONE, 2015, 10, e0118998.	2.5	26
278	Recent Advances in Thoracic X-Ray Computed Tomography for Pulmonary Imaging. Canadian Respiratory Journal, 2014, 21, 307-309.	1.6	4
279	Predictors of emphysema progression in HIV-positive patients. Journal of the International AIDS Society, 2014, 17, 19660.	3.0	1
280	Response to Letter Regarding Article, â€œNoninvasive Fractional Flow Reserve Derived From Computed Tomography Angiography for Coronary Lesions of Intermediate Stenosis Severity: Results From the DeFACTO Studyâ€• Circulation: Cardiovascular Imaging, 2014, 7, 571-571.	2.6	0
281	Predictors of Mortality and Progression in Scleroderma-Associated Interstitial Lung Disease. Chest, 2014, 146, 422-436.	0.8	193
282	Sex-based Prognostic Implications of Nonobstructive Coronary Artery Disease: Results from the International Multicenter CONFIRM Study. Radiology, 2014, 273, 393-400.	7.3	45
283	A simplified D-shaped model of the mitral annulus to facilitate CT-based sizing before transcatheter mitral valve implantation. Journal of Cardiovascular Computed Tomography, 2014, 8, 459-467.	1.3	113
284	Multicenter Evaluation of a Next-Generation Balloon-Expandable Transcatheter Aortic Valve. Journal of the American College of Cardiology, 2014, 64, 2235-2243.	2.8	297
285	Open issues in transcatheter aortic valve implantation. Part 1: patient selection and treatment strategy for transcatheter aortic valve implantation. European Heart Journal, 2014, 35, 2627-2638.	2.2	96
286	Abdominal aortitis in HLA-B27+ spondyloarthritis: Case report with 5-year follow-up and literature review. Seminars in Arthritis and Rheumatism, 2014, 44, 305-308.	3.4	10
287	Underexpansion and Ad Hoc Post-Dilation in Selected Patients Undergoing Balloon-Expandable Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2014, 63, 976-981.	2.8	58
288	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

#	Article	IF	Citations
289	Diagnostic Performance of Noninvasive Fractional Flow Reserve Derived From CoronaryÂComputed Tomography Angiography in Suspected Coronary Artery Disease. Journal of the American College of Cardiology, 2014, 63, 1145-1155.	2.8	1,240
290	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
291	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
292	Comparison of Hemodynamic Performance of the Balloon-Expandable SAPIEN 3 Versus SAPIEN XT Transcatheter Valve. American Journal of Cardiology, 2014, 114, 1075-1082.	1.6	79
293	Open issues in transcatheter aortic valve implantation. Part 2: procedural issues and outcomes after transcatheter aortic valve implantation. European Heart Journal, 2014, 35, 2639-2654.	2.2	105
294	CT Angiography (CTA) and Diagnostic Performance of Noninvasive Fractional Flow Reserve: Results From the Determination of Fractional Flow Reserve by Anatomic CTA (DeFACTO) Study. American Journal of Roentgenology, 2014, 202, 989-994.	2.2	122
295	Oversizing in transcatheter aortic valve replacement, a commonly used term but a poorly understood one: Dependency on definition and geometrical measurements. Journal of Cardiovascular Computed Tomography, 2014, 8, 67-76.	1.3	69
296	The Burden of Image Based Emphysema and Bronchiolitis in HIV-Infected Individuals on Antiretroviral Therapy. PLoS ONE, 2014, 9, e109027.	2.5	27
297	Abstract 20549: Patient-Specific CT Image-Based Engineering Analysis of Transcatheter Aortic Valve Replacement - Implications for Aortic Root Rupture. Circulation, 2014, 130, .	1.6	0
298	Abstract 12044: Absence of Coronary Artery Disease by Coronary Computed Tomographic Angiography and the Warranty Period Associated With All-Cause Mortality: Findings From the CONFIRM Long-Term Follow-Up Registry. Circulation, 2014, 130, .	1.6	0
299	A prospective randomized trial comparing image quality, study interpretability, and radiation dose of narrow acquisition window with widened acquisition window protocols in prospectively ECG-triggered coronary computed tomography angiography. Journal of Cardiovascular Computed Tomography, 2013, 7, 18-24.	1.3	21
300	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
301	Significance of various pulmonary and extrapulmonary abnormalities on HRCT of the chest in scleroderma lung. Indian Journal of Radiology and Imaging, 2013, 23, 304.	0.8	8
302	Computed Tomographic Imaging of Transcatheter Aortic Valve Replacement for Prediction and Prevention of Procedural Complications. Circulation: Cardiovascular Imaging, 2013, 6, 597-605.	2.6	16
303	What to Do When a Smoker's CT Scan Is â€œNormalâ€?. Chest, 2012, 141, 1147-1152.	0.8	19
304	MDCT to Guide Transcatheter Aortic Valve Replacement and Mitral Valve Repair. Cardiology Clinics, 2012, 30, 147-160.	2.2	13
305	Diagnostic Accuracy of Fractional Flow Reserve From Anatomic CT Angiography. JAMA - Journal of the American Medical Association, 2012, 308, 1237.	7.4	956
306	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. Journal of Cardiovascular Computed Tomography, 2012, 6, 164-171.	1.3	82

#	Article	IF	Citations
307	Structural Integrity of Balloon-Expandable Stents After Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2012, 5, 525-532.	2.9	60
308	Transcatheter Valve-In-Valve Implantation for Failed Balloon-Expandable Transcatheter Aortic Valves. JACC: Cardiovascular Interventions, 2012, 5, 571-577.	2.9	60
309	Iterative reconstruction for coronary CT angiography: finding its way. International Journal of Cardiovascular Imaging, 2012, 28, 613-620.	1.5	72
310	Multidetector Computed Tomography in Transcatheter Aortic Valve Implantation. JACC: Cardiovascular Imaging, 2011, 4, 416-429.	5.3	251
311	Multidetector Computed Tomography to Facilitate Transcatheter Aortic Valve Implantation. Current Cardiovascular Imaging Reports, 2011, 4, 457-467.	0.6	1
312	A Prospective Randomized Controlled Trial to Assess the Diagnostic Performance of Reduced Tube Voltage for Coronary CT Angiography. American Journal of Roentgenology, 2011, 196, 801-806.	2.2	25
313	Estimated Radiation Dose Reduction Using Adaptive Statistical Iterative Reconstruction in Coronary CT Angiography: The ERASIR Study. American Journal of Roentgenology, 2010, 195, 655-660.	2.2	286
314	Adaptive Statistical Iterative Reconstruction: Assessment of Image Noise and Image Quality in Coronary CT Angiography. American Journal of Roentgenology, 2010, 195, 649-654.	2.2	324
315	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
316	The Evolving Role of MDCT in Transcatheter Aortic Valve Replacement: A Radiologists' Perspective. American Journal of Roentgenology, 2009, 193, W214-W219.	2.2	48
317	P005 <break /> Rate of progression in short-term and long-term survivors with systemic sclerosis-associated interstitial lung disease. QJM - Monthly Journal of the Association of Physicians, 0, , .	0.5	0