

Jonathon Leipsic

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

288 papers	15,456 citations	62 h-index	119 g-index
318 ext. papers	20,628 ext. citations	5.7 avg, IF	6.32 L-index

#	Paper	IF	Citations
288	Bluetooth-Enabled Implantable Cardiac Monitors and Two-Way Smartphone Communication for Patients With Hypertrophic Cardiomyopathy.. <i>CJC Open</i> , 2022 , 4, 305-314	2	0
287	Balloon-Expandable Valve for Treatment of Evolut Valve Failure: Implications of Neoskirt Height and Leaflet Overhang.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 368-377	5	2
286	5-Year Follow-Up From the PARTNER 2 Aortic Valve-in-Valve Registry for Degenerated Aortic Surgical Bioprostheses.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 698-708	5	0
285	Outcomes With Intermediate Left Main Disease: Analysis From the ISCHEMIA Trial.. <i>Circulation: Cardiovascular Interventions</i> , 2022 , CIRCINTERVENTIONS121010925	6	1
284	Redo Transcatheter Aortic Valve Implantation with the ALLEGRA Transcatheter Heart Valve: Insights from Bench Testing.. <i>Cardiovascular Engineering and Technology</i> , 2022 , 1	2.2	
283	Aspirin and Statin Therapy for Nonobstructive Coronary Artery Disease: Five-year Outcomes from the CONFIRM Registry.. <i>Radiology: Cardiothoracic Imaging</i> , 2022 , 4, e210225	8.3	1
282	Prognostic value of coronary computed tomography angiographic derived fractional flow reserve: a systematic review and meta-analysis. <i>Heart</i> , 2021 ,	5.1	3
281	Impact of Annular Oversizing on Paravalvular Regurgitation and Valve Hemodynamics: New Insights From PARTNER 3. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2158-2169	5	3
280	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	15.1	13
279	Implementing Coronary Computed Tomography Angiography in the Catheterization Laboratory. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1846-1855	8.4	7
278	Clinical outcomes following real-world computed tomography angiography-derived fractional flow reserve testing in chronic coronary syndrome patients with calcification. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1182-1189	4.1	3
277	Rationale and design of the precise percutaneous coronary intervention plan (P3) study: Prospective evaluation of a virtual computed tomography-based percutaneous intervention planner. <i>Clinical Cardiology</i> , 2021 , 44, 446-454	3.3	3
276	Transcatheter Mitral Valve Replacement: An Update on Current Techniques, Technologies, and Future Directions. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 489-500	5	15
275	Neo-LVOT and Transcatheter Mitral Valve Replacement: Expert Recommendations. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 854-866	8.4	13
274	Prevalence and Characterization of Subclinical Coronary Atherosclerotic Plaque with CT among Individuals with HIV: Results from the Canadian HIV and Aging Cohort Study. <i>Radiology</i> , 2021 , 299, 571-580	20.5	1
273	2021 Update on Safety of Magnetic Resonance Imaging: Joint Statement From Canadian Cardiovascular Society/Canadian Society for Cardiovascular Magnetic Resonance/Canadian Heart Rhythm Society. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 835-847	3.8	1
272	Impact of Dose Reduction Strategies on Image Quality of Coronary CTA in Real-World Clinical Practice: A Subanalysis of PROTECTION VI Registry Data. <i>American Journal of Roentgenology</i> , 2021 , 217, 1344-1352	5.4	0

271	Doppler Velocity Index Outcomes Following Surgical or Transcatheter Aortic Valve Replacement in the PARTNER Trials. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1594-1606	5	0
270	Relationships between cardiac structural and functional assessment by cardiac MRI and hemoglobin in end-stage renal disease. <i>Journal of Nephrology</i> , 2021 , 34, 1561-1563	4.8	
269	Temporal changes in FFR-Guided Management of Coronary Artery Disease - Lessons from the ADVANCE Registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 48-55	2.8	2
268	Ten year follow-up of high-risk patients treated during the early experience with transcatheter aortic valve replacement. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E431-E437	2.7	7
267	A comparative assessment of the performance of a state-of-the-art small footprint dedicated cardiovascular CT scanner. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 85-87	2.8	3
266	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. <i>Radiology: Cardiothoracic</i>	8.3	3
265	Age- and sex-related features of atherosclerosis from coronary computed tomography angiography in patients prior to acute coronary syndrome: results from the ICONIC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 24-33	4.1	7
264	Multimodality imaging in valvular heart disease: how to use state-of-the-art technology in daily practice. <i>European Heart Journal</i> , 2021 , 42, 1912-1925	9.5	5
263	Heterogenous Distribution of Risk for Cardiovascular Disease Events in Patients With Stable Ischemic Heart Disease. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 442-450	8.4	3
262	Use of cardiac CT amidst the COVID-19 pandemic and beyond: North American perspective. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 16-26	2.8	11
261	The clinical utility of FFR stratified by age. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 121-128	2.8	2
260	Determination of the Optimal Measurement Point for Fractional Flow Reserve Derived From CTA Using Pressure Wire Assessment as Reference. <i>American Journal of Roentgenology</i> , 2021 , 216, 1492-1499	5.4	6
259	Distribution of C-arm projections in native and bioprosthetic aortic valves cusps: Implication for BASILICA procedures. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 97, E580-E587	2.7	1
258	Relationship of Stress Test Findings to Anatomic or Functional Extent of Coronary Artery Disease Assessed by Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve. <i>BioMed Research International</i> , 2021 , 2021, 6674144	3	
257	Impact of Predilation During Transcatheter Aortic Valve Replacement: Insights From the PARTNER 3 Trial. <i>Circulation: Cardiovascular Interventions</i> , 2021 , 14, e010336	6	0
256	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 322-330	2.8	3
255	Prosthesis-Patient Mismatch After Aortic Valve Replacement in the PARTNER 2 Trial and Registry. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1466-1477	5	4
254	Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry. <i>Radiology</i> , 2021 , 300, 79-86	20.5	3

253	Coronary CT angiography derived FFR in patients with left main disease. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 3299-3308	2.5	0
252	Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation. <i>Circulation</i> , 2021 , 144, 1396-1408	16.7	9
251	Leaflet and Neoskirt Height in Transcatheter Heart Valves: Implications for Repeat Procedures and Coronary Access. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2298-2300	5	1
250	Influence of Heart Rate on Image Quality and Radiation Dose Exposure in Coronary CT Angiography. <i>Radiology</i> , 2021 , 300, 701-703	20.5	0
249	CT-derived fractional flow reserve (FFR _{ct}) for functional coronary artery evaluation in the follow-up of patients after heart transplantation. <i>European Radiology</i> , 2021 , 1	8	0
248	Spatial Dependence of CT Emphysema in Chronic Obstructive Pulmonary Disease Quantified by Using Join-Count Statistics. <i>Radiology</i> , 2021 , 301, 702-709	20.5	2
247	Cardiovascular CT and MRI in 2020: Review of Key Articles. <i>Radiology</i> , 2021 , 301, 263-277	20.5	2
246	Transcatheter Replacement of Transcatheter Versus Surgically Implanted Aortic Valve Bioprostheses. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 1-14	15.1	17
245	Prognostic long-term value of nonobstructive disease in emergency department chest pain patients who undergo CCTA.. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 ,	2.8	
244	Safety and feasibility evaluation of planning and execution of surgical revascularisation solely based on coronary CTA and FFR in patients with complex coronary artery disease: study protocol of the FASTTRACK CABG study. <i>BMJ Open</i> , 2020 , 10, e038152	3	4
243	Impact of Cardiovascular Care of COVID-19: Lessons Learned, Current Challenges, and Future Opportunities. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200251	8.3	4
242	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. <i>Annals of Thoracic Surgery</i> , 2020 , 110, 733-740	2.7	11
241	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. <i>Canadian Journal of Cardiology</i> , 2020 , 36, 971-976	3.8	13
240	Repeat Transcatheter Aortic Valve Replacement for Transcatheter Prosthesis Dysfunction. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1882-1893	15.1	59
239	Safe Reintroduction of Cardiovascular Services During the COVID-19 Pandemic: From the North American Society Leadership. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 3177-3183	15.1	34
238	Coronary ostial eccentricity in severe aortic stenosis: Guidance for BASILICA transcatheter leaflet laceration. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 516-519	2.8	8
237	Subclinical Leaflet Thrombosis in Transcatheter and Surgical Bioprosthetic Valves: PARTNER 3 Cardiac Computed Tomography Substudy. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 3003-3015	15.1	62
236	Non-obstructive high-risk plaques increase the risk of future culprit lesions comparable to obstructive plaques without high-risk features: the ICONIC study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 973-980	4.1	13

235	CAD Severity on Cardiac CTA Identifies Patients With Most Benefit of Treating LDL-Cholesterol to ACC/AHA and ESC/EAS Targets. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1961-1972	8.4	7
234	Mixed Valvular Disease Following Transcatheter Aortic Valve Replacement: Quantification and Systematic Differentiation Using Clinical Measurements and Image-Based Patient-Specific In Silico Modeling. <i>Journal of the American Heart Association</i> , 2020 , 9, e015063	6	14
233	Fractional Flow Reserve Derived from Coronary Computed Tomography Angiography Safely Defers Invasive Coronary Angiography in Patients with Stable Coronary Artery Disease. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	12
232	Bioprosthetic Valve Leaflet Displacement During Valve-in-Valve Intervention: An Ex Vivo Bench Study. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 667-678	5	2
231	Transcatheter Mitral Valve Repair and Replacement: Current Evidence for Intervention and the Role of CT in Preprocedural Planning-A Review for Radiologists and Cardiologists Alike. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e190106	8.3	3
230	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 363-374	4.1	5
229	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. <i>JAMA Cardiology</i> , 2020 , 5, 282-290	16.2	35
228	The ISCHEMIA Trial: Implication for Cardiac Imaging in 2020 and Beyond. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200021	8.3	1
227	Effect of Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve on Physicians' Clinical Behavior - Differences Between Sites With and Without Appropriate Use Criteria as Designated by the Japanese Reimbursement System. <i>Circulation Reports</i> , 2020 , 2, 364-371	0.7	
226	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	8.4	29
225	Mid-term outcome in patients with bicuspid aortic valve stenosis following transcatheter aortic valve replacement with a current generation device: A multicenter study. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 1186-1192	2.7	8
224	Long-Term Durability of Transcatheter Heart Valves: Insights From Bench Testing to 25 Years. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 235-249	5	7
223	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	15.1	40
222	Sex Differences in Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve: Lessons From ADVANCE. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2576-2587	8.4	11
221	Differences in coronary vasodilatory capacity and atherosclerosis in endurance athletes using coronary CTA and computational fluid dynamics (CFD): Comparison with a sedentary lifestyle. <i>European Journal of Radiology</i> , 2020 , 130, 109168	4.7	1
220	Outcome of Flow-Gradient Patterns of Aortic Stenosis After Aortic Valve Replacement: An Analysis of the PARTNER 2 Trial and Registry. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008792	6	7
219	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	15.1	39
218	Annular versus supra-annular sizing for transcatheter aortic valve replacement in bicuspid aortic valve disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 407-413	2.8	9

217	Prognostic significance of subtle coronary calcification in patients with zero coronary artery calcium score: From the CONFIRM registry. <i>Atherosclerosis</i> , 2020 , 309, 33-38	3.1	4
216	Cardiovascular CT and MRI in 2019: Review of Key Articles. <i>Radiology</i> , 2020 , 297, 17-30	20.5	6
215	Association of Cardiovascular Disease Risk Factor Burden With Progression of Coronary Atherosclerosis Assessed by Serial Coronary Computed Tomographic Angiography. <i>JAMA Network Open</i> , 2020 , 3, e2011444	10.4	10
214	Optimal Fluoroscopic Projections of Coronary Ostia and Bifurcations Defined by Computed Tomographic Coronary Angiography. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2560-2570	5	10
213	Meta-analysis of Incidence, Predictors and Consequences of Clinical and Subclinical Bioprosthetic Leaflet Thrombosis After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020 , 132, 106-113	3	3
212	Bioprosthetic Valve Thrombosis: Insights from Transcatheter and Surgical Implants. <i>Structural Heart</i> , 2020 , 4, 382-388	0.6	2
211	Transcatheter Aortic Valve Replacement: Role of Multimodality Imaging in Common and Complex Clinical Scenarios. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 124-139	8.4	9
210	1-Year Impact on Medical Practice and Clinical Outcomes of FFR: The ADVANCE Registry. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 97-105	8.4	88
209	Transcatheter aortic valve-in-valve implantation for failed surgical bioprosthetic valves. A minimalist approach without contrast aortography or echocardiographic guidance. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 95, 45-53	2.7	2
208	Implications of hydrodynamic testing to guide sizing of self-expanding transcatheter heart valves for valve-in-valve procedures. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, E332-E340	2.7	2
207	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	14.4	22
206	From Subclinical Atherosclerosis to Plaque Progression and Acute Coronary Events: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1608-1617	15.1	86
205	A cross-sectional survey of coronary plaque composition in individuals on non-statin lipid lowering drug therapies and undergoing coronary computed tomography angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 99-104	2.8	2
204	3-Year Outcomes After Valve-in-Valve Transcatheter Aortic Valve Replacement for Degenerated Bioprostheses: The PARTNER 2 Registry. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2647-2655	15.1	63
203	How accurate is atherosclerosis imaging by coronary computed tomography angiography?. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 254-260	2.8	12
202	The Future of Cardiovascular Computed Tomography: Advanced Analytics and Clinical Insights. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1058-1072	8.4	28
201	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. <i>Radiology</i> , 2019 , 292, 343-351	20.5	41
200	Clinical Impact of Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve on Japanese Population in the ADVANCE Registry. <i>Circulation Journal</i> , 2019 , 83, 1293-1301	2.9	5

199	Safety of Accelerated Recovery on a Cardiology Ward and Early Discharge Following Minimalist TAVR in the Catheterization Laboratory: The Vancouver Accelerated Recovery Clinical Pathway. <i>Structural Heart</i> , 2019 , 3, 229-235	0.6	3
198	Percutaneous Transcatheter Mitral Valve Replacement: First-in-Human Experience With a New Transseptal System. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1239-1246	15.1	57
197	Initial Feasibility Study of a New Transcatheter Mitral Prosthesis: The First 100 Patients. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1250-1260	15.1	106
196	Transcatheter Aortic-Valve Replacement with a Balloon-Expandable Valve in Low-Risk Patients. <i>New England Journal of Medicine</i> , 2019 , 380, 1695-1705	59.2	1849
195	Valve-in-Valve Transcatheter Aortic Valve Replacement in Intermediate-risk Patients. <i>Structural Heart</i> , 2019 , 3, 324-328	0.6	1
194	Comprehensive Echocardiographic Assessment of Normal Transcatheter Valve Function. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 25-34	8.4	62
193	Left ventricular strain analysis using cardiac magnetic resonance imaging in patients undergoing in-centre nocturnal haemodialysis. <i>Nephrology</i> , 2019 , 24, 557-563	2.2	4
192	Molecular Coronary Plaque Imaging Using F-Fluoride. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008574	5.4	24
191	Bioprosthetic Heart Valve Degeneration and Dysfunction: Focus on Mechanisms and Multidisciplinary Imaging Considerations. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190004	8.3	4
190	Prognosis of CT-derived Fractional Flow Reserve in the Prediction of Clinical Outcomes. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190021	8.3	3
189	Imaging of Aortic Valve Cusps Using Commissural Alignment: Guidance for Transcatheter Leaflet Laceration With BASILICA. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2262-2265	8.4	4
188	Determinants of Rejection Rate for Coronary CT Angiography Fractional Flow Reserve Analysis. <i>Radiology</i> , 2019 , 292, 597-605	20.5	24
187	Controversies in Diagnostic Imaging of Patients With Suspected Stable and Acute Chest Pain Syndromes. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1254-1278	8.4	3
186	Clinical Importance of Fontan Circuit Thrombus in the Adult Population: Significant Association With Increased Risk of Cardiovascular Events. <i>Canadian Journal of Cardiology</i> , 2019 , 35, 1807-1814	3.8	6
185	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	15.1	48
184	Prosthetic Valve Endocarditis After TAVR and SAVR: Insights From the PARTNER Trials. <i>Circulation</i> , 2019 , 140, 1984-1994	16.7	42
183	Transcatheter Interventions for Mitral Regurgitation: Multimodality Imaging for Patient Selection and Procedural Guidance. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2029-2048	8.4	25
182	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 Outcomes: An International Multicenter [CONFIRM] Registry). <i>American Journal of Cardiology</i> , 2019 , 123, 1435-1442	3	6

181	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	8.3	24
180	Cardiac Computed Tomography (CT) Evaluation of Valvular Heart Disease in Transcatheter Interventions. <i>Current Cardiology Reports</i> , 2019 , 21, 154	4.2	8
179	Unlocking Prognostic Information from Cardiac CT: Does Aortic Mitral Continuity Calcification Matter?. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190229	8.3	
178	Left Atrial Remodeling Assessed by Cardiac MRI after Conversion from Conventional Hemodialysis to In-Centre Nocturnal Hemodialysis. <i>Journal of Nephrology</i> , 2019 , 32, 273-281	4.8	5
177	Superior Risk Stratification With Coronary Computed Tomography Angiography Using a Comprehensive Atherosclerotic Risk Score. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1987-1997	8.4	41
176	Role of a Regional Multidisciplinary Conference in the Diagnosis of Interstitial Lung Disease. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 455-462	4.7	21
175	Imaging for Predicting and Assessing Prosthesis-Patient Mismatch After Aortic Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 149-162	8.4	41
174	Correlation of FFR-derived from CT and stress perfusion CMR with invasive FFR in intermediate-grade coronary artery stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2019 , 35, 559-568	2.5	4
173	Aortic valve and left ventricular outflow tract calcium volume and distribution in transcatheter aortic valve replacement: Influence on the risk of significant paravalvular regurgitation. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 290-297	2.8	18
172	Influence of symptom typicality for predicting MACE in patients without obstructive coronary artery disease: From the CONFIRM Registry (Coronary Computed Tomography Angiography Evaluation for Clinical Outcomes: An International Multicenter Registry). <i>Clinical Cardiology</i> , 2018 , 41, 506-509	3.3	8
171	Diagnostic Performance of a Novel Coronary CT Angiography Algorithm: Prospective Multicenter Validation of an Intracycle CT Motion Correction Algorithm for Diagnostic Accuracy. <i>American Journal of Roentgenology</i> , 2018 , 210, 1208-1215	5.4	2
170	Oesophageal diameter is associated with severity but not progression of systemic sclerosis-associated interstitial lung disease. <i>Respirology</i> , 2018 , 23, 921-926	3.6	13
169	The design and rationale of SAVE BC: The Study to Avoid CardioVascular Events in British Columbia. <i>Clinical Cardiology</i> , 2018 , 41, 888-895	3.3	8
168	Lesion-Specific and Vessel-Related Determinants of Fractional Flow Reserve Beyond Coronary Artery Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 521-530	8.4	55
167	Incidence and predictors of lesion-specific ischemia by FFR: Learnings from the international ADVANCE registry. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 95-100	2.8	21
166	It's in the Field of View! Coronary Artery Analysis on Chest Computed Tomographic Angiography. <i>Circulation Research</i> , 2018 , 122, 402-404	15.7	2
165	Standardized Definition of Structural Valve Degeneration for Surgical and Transcatheter Bioprosthetic Aortic Valves. <i>Circulation</i> , 2018 , 137, 388-399	16.7	194
164	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	9.5	56

163	Prospective Comparison of Standard- Versus Low-Radiation-Dose CT Enterography for the Quantitative Assessment of Crohn Disease. <i>American Journal of Roentgenology</i> , 2018 , 210, W54-W62	5.4	13
162	The Coronary Artery Disease-Reporting and Data System (CAD-RADS): Prognostic and Clinical Implications Associated With Standardized Coronary Computed Tomography Angiography Reporting. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 78-89	8.4	48
161	Incremental prognostic value of coronary computed tomography angiography over coronary calcium scoring for major adverse cardiac events in elderly asymptomatic individuals. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 675-683	4.1	20
160	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	2.8	74
159	The contribution of thoracic vertebral deformity and arthropathy to trunk pain in patients with chronic obstructive pulmonary disease (COPD). <i>Respiratory Medicine</i> , 2018 , 137, 115-122	4.6	7
158	Development of a congenital cardiovascular computed tomography imaging registry: Rationale and implementation. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 263-266	2.8	9
157	Computed tomography derived fractional flow reserve testing in stable patients with typical angina pectoris: influence on downstream rate of invasive coronary angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 405-414	4.1	35
156	Clinical Trial Principles and Endpoint Definitions for Paravalvular Leaks in Surgical Prosthesis. <i>European Heart Journal</i> , 2018 , 39, 1224-1245	9.5	18
155	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	10.2	89
154	Is it time to move from treating risk factors of the disease to treating the disease?. <i>European Heart Journal</i> , 2018 , 39, 2409-2411	9.5	2
153	Mitral Valve Imaging with CT: Relationship with Transcatheter Mitral Valve Interventions. <i>Radiology</i> , 2018 , 288, 638-655	20.5	32
152	Imaging Needs in Novel Transcatheter Tricuspid Valve Interventions. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 736-754	8.4	39
151	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	15.1	75
150	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). <i>European Heart Journal</i> , 2018 , 39, 3715-3723	9.5	77
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11	Structural integrity of balloon-expandable stents after transcatheter aortic valve replacement: assessment by multidetector computed tomography. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 525-532	5	56
10	Transcatheter valve-in-valve implantation for failed balloon-expandable transcatheter aortic valves. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 571-577	5	53
9	Iterative reconstruction for coronary CT angiography: finding its way. <i>International Journal of Cardiovascular Imaging</i> , 2012 , 28, 613-20	2.5	63
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2	A prospective evaluation of dose reduction and image quality in chest CT using adaptive statistical iterative reconstruction. <i>American Journal of Roentgenology</i> , 2010 , 195, 1095-9	5.4	196

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