

# Benjamin J W Chow

## List of Publications by Citations

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235  
papers

8,272  
citations

46  
h-index

85  
g-index

248  
ext. papers

10,302  
ext. citations

4.3  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
235	Age- and sex-related differences in all-cause mortality risk based on coronary computed tomography angiography findings results from the International Multicenter CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter Registry) of 23,854 patients with chest pain. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 58, 2332-2341	15.1	528
234	Impaired myocardial flow reserve on rubidium-82 positron emission tomography imaging predicts adverse outcomes in patients assessed for myocardial ischemia. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 58, 740-8	15.1	382
233	Anatomic versus physiologic assessment of coronary artery disease. Role of coronary flow reserve, fractional flow reserve, and positron emission tomography imaging in revascularization decision-making. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1639-1653	15.1	373
232	What is the prognostic value of myocardial perfusion imaging using rubidium-82 positron emission tomography?. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 1029-39	15.1	291
231	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> , <b>2017</b> , 38, 500-507	9.5	275
230	Prevalence and severity of coronary artery disease and adverse events among symptomatic patients with coronary artery calcification scores of zero undergoing coronary computed tomography angiography: results from the CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter) registry. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 58, 2332-41	15.1	240
229	Prognostic value of 64-slice cardiac computed tomography severity of coronary artery disease, coronary atherosclerosis, and left ventricular ejection fraction. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 1017-28	15.1	222
228	Prognostic Value of Noninvasive Cardiovascular Testing in Patients With Stable Chest Pain: Insights From the PROMISE Trial (Prospective Multicenter Imaging Study for Evaluation of Chest Pain). <i>Circulation</i> , <b>2017</b> , 135, 2320-2332	16.7	196
227	Performance of the traditional age, sex, and angina typicality-based approach for estimating pretest probability of angiographically significant coronary artery disease in patients undergoing coronary computed tomographic angiography: results from the multinational coronary CT angiography evaluation for clinical outcomes: an international multicenter registry (CONFIRM). <i>Circulation</i> , <b>2011</b> , 124, 2311-20	16.7	192
226	Does quantification of myocardial flow reserve using rubidium-82 positron emission tomography facilitate detection of multivessel coronary artery disease?. <i>Journal of Nuclear Cardiology</i> , <b>2012</b> , 19, 670-80	2.1	182
225	Incremental prognostic value of cardiac computed tomography in coronary artery disease using CONFIRM: COroNary computed tomography angiography evaluation for clinical outcomes: an InteRnational Multicenter registry. <i>Circulation: Cardiovascular Imaging</i> , <b>2011</b> , 4, 463-72	3.9	161
224	Coronary Atherosclerotic Precursors of Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 2511-2522	15.1	161
223	Coronary computed tomographic angiography and risk of all-cause mortality and nonfatal myocardial infarction in subjects without chest pain syndrome from the CONFIRM Registry (coronary CT angiography evaluation for clinical outcomes: an international multicenter registry). <i>Circulation</i> , <b>2010</b> , 121, 2211-20	16.7	160
222	Optimized prognostic score for coronary computed tomographic angiography: results from the CONFIRM registry (COroNary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter Registry). <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 468-76	15.1	156
221	Prognostic value of stress myocardial perfusion positron emission tomography: results from a multicenter observational registry. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 176-84	15.1	156
220	Patient management after noninvasive cardiac imaging results from SPARC (Study of myocardial perfusion and coronary anatomy imaging roles in coronary artery disease). <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 59, 462-74	15.1	143
219	Coronary computed tomographic angiography as a gatekeeper to invasive diagnostic and surgical procedures: results from the multicenter CONFIRM (Coronary CT Angiography Evaluation for Clinical Outcomes: an International Multicenter) registry. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 2103-14	15.1	124

218	Potential clinical and economic consequences of noncardiac incidental findings on cardiac computed tomography. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, 1533-41	15.1	123
217	Rationale and design of the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes: An InteRnational Multicenter) Registry. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2011</b> , 5, 84-92	2.8	120
216	Diagnostic accuracy and impact of computed tomographic coronary angiography on utilization of invasive coronary angiography. <i>Circulation: Cardiovascular Imaging</i> , <b>2009</b> , 2, 16-23	3.9	114
215	18F-FDG PET imaging of myocardial viability in an experienced center with access to 18F-FDG and integration with clinical management teams: the Ottawa-FIVE substudy of the PARR 2 trial. <i>Journal of Nuclear Medicine</i> , <b>2010</b> , 51, 567-74	8.9	104
214	Prognostic and therapeutic implications of statin and aspirin therapy in individuals with nonobstructive coronary artery disease: results from the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes: An InteRnational Multicenter registry) registry. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 981-9	9.4	101
213	Canadian Cardiovascular Society guidelines for the diagnosis and management of stable ischemic heart disease. <i>Canadian Journal of Cardiology</i> , <b>2014</b> , 30, 837-49	3.8	97
212	Maximization of the usage of coronary CTA derived plaque information using a machine learning based algorithm to improve risk stratification; insights from the CONFIRM registry. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2018</b> , 12, 204-209	2.8	94
211	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> , <b>2017</b> , 38, 1751-1759	9.5	87
210	Differences in prevalence, extent, severity, and prognosis of coronary artery disease among patients with and without diabetes undergoing coronary computed tomography angiography: results from 10,110 individuals from the CONFIRM (COronary CT Angiography EvaluatioN For Clinical Outcomes) an InteRnational Multicenter Registry. <i>Diabetes Care</i> , <b>2012</b> , 35, 1787-94	14.6	85
209	Positron Emission Tomography and Single-Photon Emission Computed Tomography Imaging in the Diagnosis of Cardiac Implantable Electronic Device Infection: A Systematic Review and Meta-Analysis. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	80
208	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> , <b>2018</b> , 39, 3715-3723	9.5	77
207	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> , <b>2014</b> , 232, 298-304	3.1	77
206	Does coronary CT angiography improve risk stratification over coronary calcium scoring in symptomatic patients with suspected coronary artery disease? Results from the prospective multicenter international CONFIRM registry. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 267-74	4.1	77
205	Can differences in corrected coronary opacification measured with computed tomography predict resting coronary artery flow?. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 57, 1280-8	15.1	75
204	Body mass index and the prevalence, severity, and risk of coronary artery disease: an international multicentre study of 13,874 patients. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 456-63	4.1	66
203	Prognostic value of rubidium-82 positron emission tomography in patients after heart transplant. <i>Circulation: Cardiovascular Imaging</i> , <b>2014</b> , 7, 930-7	3.9	65
202	Influence of sex on risk stratification with stress myocardial perfusion Rb-82 positron emission tomography: Results from the PET (Positron Emission Tomography) Prognosis Multicenter Registry. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1866-76	15.1	65
201	Machine learning of clinical variables and coronary artery calcium scoring for the prediction of obstructive coronary artery disease on coronary computed tomography angiography: analysis from the CONFIRM registry. <i>European Heart Journal</i> , <b>2020</b> , 41, 359-367	9.5	62

200	Prognostic capabilities of coronary computed tomographic angiography before non-cardiac surgery: prospective cohort study. <i>BMJ, The</i> , <b>2015</b> , 350, h1907	5.9	61
199	Applying Modern Virtual and Augmented Reality Technologies to Medical Images and Models. <i>Journal of Digital Imaging</i> , <b>2019</b> , 32, 38-53	5.3	60
198	Metastatic breast cancer: the role of pegylated liposomal doxorubicin after conventional anthracyclines. <i>Cancer Treatment Reviews</i> , <b>2008</b> , 34, 391-406	14.4	58
197	Comparison of (18)F-fluorodeoxyglucose positron emission tomography (FDG PET) and cardiac magnetic resonance (CMR) in corticosteroid-naive patients with conduction system disease due to cardiac sarcoidosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2016</b> , 43, 259-269	8.8	57
196	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> , <b>2018</b> , 39, 934-941	9.5	56
195	Age-related risk of major adverse cardiac event risk and coronary artery disease extent and severity by coronary CT angiography: results from 15 187 patients from the International Multisite CONFIRM Study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 586-94	4.1	56
194	All-cause mortality benefit of coronary revascularization vs. medical therapy in patients without known coronary artery disease undergoing coronary computed tomographic angiography: results from CONFIRM (CORonary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter Registry). <i>European Heart Journal</i> , <b>2012</b> , 33, 3088-97	9.5	55
193	Statins use and coronary artery plaque composition: results from the International Multicenter CONFIRM Registry. <i>Atherosclerosis</i> , <b>2012</b> , 225, 148-53	3.1	55
192	Treadmill exercise produces larger perfusion defects than dipyridamole stress N-13 ammonia positron emission tomography. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 411-6	15.1	51
191	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> , <b>2018</b> , 11, 78-89	8.4	48
190	Serum heat shock protein 27 levels represent a potential therapeutic target for atherosclerosis: observations from a human cohort and treatment of female mice. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1446-54	15.1	48
189	Prognostic value of PET myocardial perfusion imaging in obese patients. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 278-87	8.4	45
188	Usefulness of coronary computed tomography angiography to predict mortality and myocardial infarction among Caucasian, African and East Asian ethnicities (from the CONFIRM [Coronary CT Angiography Evaluation for Clinical Outcomes: An International Multicenter] Registry). <i>American Journal of Cardiology</i> , <b>2013</b> , 111, 479-85	3	45
187	Impact of family history of coronary artery disease in young individuals (from the CONFIRM registry). <i>American Journal of Cardiology</i> , <b>2013</b> , 111, 1081-6	3	45
186	Alternative Imaging Modalities in Ischemic Heart Failure (AIMI-HF) IMAGE HF Project I-A: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2013</b> , 14, 218	2.8	44
185	Prognostic significance of dipyridamole-induced ST depression in patients with normal 82Rb PET myocardial perfusion imaging. <i>Journal of Nuclear Medicine</i> , <b>2005</b> , 46, 1095-101	8.9	43
184	Long-term prognostic impact of CT-Leaman score in patients with non-obstructive CAD: Results from the CORonary CT Angiography EvaluationN For Clinical Outcomes InteRnational Multicenter (CONFIRM) study. <i>International Journal of Cardiology</i> , <b>2017</b> , 231, 18-25	3.2	42
183	Discordance between Framingham Risk Score and atherosclerotic plaque burden. <i>European Heart Journal</i> , <b>2013</b> , 34, 1075-82	9.5	41

182	Application of cardiac molecular imaging using positron emission tomography in evaluation of drug and therapeutics for cardiovascular disorders. <i>Current Pharmaceutical Design</i> , <b>2005</b> , 11, 903-32	3.3	41
181	Comparison of treadmill exercise versus dipyridamole stress with myocardial perfusion imaging using rubidium-82 positron emission tomography. <i>Journal of the American College of Cardiology</i> , <b>2005</b> , 45, 1227-34	15.1	40
180	Prognostic assessment of coronary artery bypass patients with 64-slice computed tomography angiography: anatomical information is incremental to clinical risk prediction. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 58, 2389-95	15.1	38
179	Association of High-Density Calcified 1K Plaque With Risk of Acute Coronary Syndrome. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 282-290	16.2	35
178	Prognostic value of CT angiography in coronary bypass patients. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 496-502	8.4	35
177	Ontario multidetector computed tomographic coronary angiography study: field evaluation of diagnostic accuracy. <i>Archives of Internal Medicine</i> , <b>2011</b> , 171, 1021-9		35
176	Relationship of Hypertension to Coronary Atherosclerosis and Cardiac Events in Patients With Coronary Computed Tomographic Angiography. <i>Hypertension</i> , <b>2017</b> , 70, 293-299	8.5	34
175	Clinical interpretation standards and quality assurance for the multicenter PET/CT trial rubidium-ARMI. <i>Journal of Nuclear Medicine</i> , <b>2014</b> , 55, 58-64	8.9	34
174	Quantifying coronary artery calcification from a contrast-enhanced cardiac computed tomography angiography study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 210-5	4.1	34
173	Sex-based prognostic implications of nonobstructive coronary artery disease: results from the international multicenter CONFIRM study. <i>Radiology</i> , <b>2014</b> , 273, 393-400	20.5	33
172	Usefulness of the Agatston score = 0 to exclude ischemic cardiomyopathy in patients with heart failure. <i>American Journal of Cardiology</i> , <b>2011</b> , 107, 428-32	3	33
171	Epicardial adipose tissue thickness as a predictor of impaired microvascular function in patients with non-obstructive coronary artery disease. <i>Journal of Nuclear Cardiology</i> , <b>2013</b> , 20, 804-12	2.1	29
170	The role of noninvasive imaging in coronary artery disease detection, prognosis, and clinical decision making. <i>Canadian Journal of Cardiology</i> , <b>2013</b> , 29, 285-96	3.8	28
169	Molecular Imaging for the diagnosis of infective endocarditis: A systematic literature review and meta-analysis. <i>International Journal of Cardiology</i> , <b>2018</b> , 253, 183-188	3.2	28
168	Prognostic value of segment involvement score compared to other measures of coronary atherosclerosis by computed tomography: A systematic review and meta-analysis. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2017</b> , 11, 258-267	2.8	26
167	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. <i>Radiology</i> , <b>2013</b> , 267, 718-26	20.5	26
166	Measuring coronary artery calcification using positron emission tomography-computed tomography attenuation correction images. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2012</b> , 13, 786-92	4.1	26
165	Assessment of left ventricular function with 16- and 64-slice multi-detector computed tomography. <i>European Journal of Radiology</i> , <b>2008</b> , 67, 481-6	4.7	26



164	Left ventricular function and volume with coronary CT angiography improves risk stratification and identification of patients at risk for incident mortality: results from 7758 patients in the prospective multinational CONFIRM observational cohort study. <i>Radiology</i> , <b>2014</b> , 273, 70-7	20.5	25
163	Prognostic significance of calcified plaque among symptomatic patients with nonobstructive coronary artery disease. <i>Journal of Nuclear Cardiology</i> , <b>2014</b> , 21, 453-66	2.1	25
162	Relationship between Perioperative Hypotension and Perioperative Cardiovascular Events in Patients with Coronary Artery Disease Undergoing Major Noncardiac Surgery. <i>Anesthesiology</i> , <b>2019</b> , 130, 756-766	4.3	24
161	Improved 5-year prediction of all-cause mortality by coronary CT angiography applying the CONFIRM score. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 286-293	4.1	23
160	What have we learned from CONFIRM? Prognostic implications from a prospective multicenter international observational cohort study of consecutive patients undergoing coronary computed tomographic angiography. <i>Journal of Nuclear Cardiology</i> , <b>2012</b> , 19, 787-95	2.1	23
159	Effect of bisoprolol on right ventricular function and brain natriuretic peptide in patients with heart failure. <i>Congestive Heart Failure</i> , <b>2004</b> , 10, 127-32		22
158	Clinical risk factors and atherosclerotic plaque extent to define risk for major events in patients without obstructive coronary artery disease: the long-term coronary computed tomography angiography CONFIRM registry. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2020</b> , 21, 479-488	4.1	21
157	Atherosclerosis imaging and the Canadian Atherosclerosis Imaging Network. <i>Canadian Journal of Cardiology</i> , <b>2013</b> , 29, 297-303	3.8	21
156	Current but not past smoking increases the risk of cardiac events: insights from coronary computed tomographic angiography. <i>European Heart Journal</i> , <b>2015</b> , 36, 1031-40	9.5	21
155	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. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 490-9	4.1	21
154	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). <i>PLoS ONE</i> , <b>2015</b> , 10, e0118998	3.7	21
153	Computed tomographic coronary angiography: an alternative to invasive coronary angiography. <i>Canadian Journal of Cardiology</i> , <b>2005</b> , 21, 933-40	3.8	21
152	Medical history for prognostic risk assessment and diagnosis of stable patients with suspected coronary artery disease. <i>American Journal of Medicine</i> , <b>2015</b> , 128, 871-8	2.4	20
151	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> , <b>2018</b> , 19, 675-683	4.1	20
150	Appropriate Use Criteria for Cardiac Computed Tomography: Does Computed Tomography Have Incremental Value in All Appropriate Use Criteria Categories?. <i>Journal of Thoracic Imaging</i> , <b>2018</b> , 33, 132-137	5.6	19
149	Prognostic Significance of Nonobstructive Left Main Coronary Artery Disease in Women Versus Men: Long-Term Outcomes From the CONFIRM (Coronary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) Registry. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	19
148	Low-dose cardiac imaging: reducing exposure but not accuracy. <i>Expert Review of Cardiovascular Therapy</i> , <b>2012</b> , 10, 89-104	2.5	19
147	Characterization of mitral valve prolapse with cardiac computed tomography: comparison to echocardiographic and intraoperative findings. <i>International Journal of Cardiovascular Imaging</i> , <b>2012</b> , 28, 855-63	2.5	19

146	Coronary dominance and prognosis in patients undergoing coronary computed tomographic angiography: results from the CONFIRM (COronary CT Angiography EvaluationN For Clinical Outcomes: An InteRnational Multicenter) registry. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 853-62	4.1	18
145	Prognostic significance of impaired chronotropic response to pharmacologic stress Rb-82 PET. <i>Journal of Nuclear Cardiology</i> , <b>2014</b> , 21, 233-44	2.1	18
144	Usefulness of computed tomographic coronary angiography in patients with acute chest pain with and without high-risk features. <i>American Journal of Cardiology</i> , <b>2010</b> , 106, 463-9	3	18
143	Advances in cardiac SPECT and PET imaging: overcoming the challenges to reduce radiation exposure and improve accuracy. <i>Canadian Journal of Cardiology</i> , <b>2013</b> , 29, 275-84	3.8	17
142	A single slice measure of epicardial adipose tissue can serve as an indirect measure of total epicardial adipose tissue burden and is associated with obstructive coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 423-30	4.1	17
141	Rates of downstream invasive coronary angiography and revascularization: computed tomographic coronary angiography vs. Tc-99m single photon emission computed tomography. <i>European Heart Journal</i> , <b>2012</b> , 33, 776-82	9.5	17
140	Sex Differences in Associations of Arterial Compliance With Coronary Artery Plaque and Calcification Burden. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	16
139	Impending paradoxical embolus: a case report and review of the literature. <i>Canadian Journal of Cardiology</i> , <b>2003</b> , 19, 1426-32	3.8	16
138	A clinical model to identify patients with high-risk coronary artery disease. <i>JACC: Cardiovascular Imaging</i> , <b>2015</b> , 8, 427-434	8.4	15
137	Eight-year follow-up of the Clopidogrel After Surgery for Coronary Artery Disease (CASCADE) trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 155, 212-222.e2	1.5	15
136	Validation of two-dimensional methods for left atrial volume measurement: a comparison of echocardiography with cardiac computed tomography. <i>Echocardiography</i> , <b>2013</b> , 30, 1135-42	1.5	15
135	Established and emerging dose reduction methods in cardiac computed tomography. <i>Journal of Nuclear Cardiology</i> , <b>2011</b> , 18, 570-9	2.1	15
134	A Boosted Ensemble Algorithm for Determination of Plaque Stability in High-Risk Patients on Coronary CTA. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 2162-2173	8.4	15
133	Impact of Center Experience on Patient Radiation Exposure During Transradial Coronary Angiography and Percutaneous Intervention: A Patient-Level, International, Collaborative, Multi-Center Analysis. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	15
132	Quantifying Aortic Valve Calcification using Coronary Computed Tomography Angiography. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2017</b> , 11, 99-104	2.8	14
131	Predictive Value of Age- and Sex-Specific Nomograms of Global Plaque Burden on Coronary Computed Tomography Angiography for Major Cardiac Events. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	14
130	Utilization of cardiac computed tomography angiography and outpatient invasive coronary angiography in Ontario, Canada. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2015</b> , 9, 567-71	2.8	14
129	Decision Support Tools, Systems, and Artificial Intelligence in Cardiac Imaging. <i>Canadian Journal of Cardiology</i> , <b>2018</b> , 34, 827-838	3.8	14

128	Single low-dose CT scan optimized for rest-stress PET attenuation correction and quantification of coronary artery calcium. <i>Journal of Nuclear Cardiology</i> , <b>2015</b> , 22, 419-28	2.1	14
127	Assessment of cardiac computed tomography-myocardial perfusion imaging - promise and challenges -. <i>Circulation Journal</i> , <b>2012</b> , 76, 544-52	2.9	14
126	Current trends in patients with chronic total occlusions undergoing coronary CT angiography. <i>Heart</i> , <b>2015</b> , 101, 1212-8	5.1	13
125	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> , <b>2020</b> , 21, 973-980	4.1	13
124	Impact of age and sex on left ventricular function determined by coronary computed tomographic angiography: results from the prospective multicentre CONFIRM study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 990-1000	4.1	13
123	Can left ventricular end-diastolic volumes be estimated with prospective ECG-gated CT coronary angiography?. <i>European Journal of Radiology</i> , <b>2012</b> , 81, 226-9	4.7	13
122	Comparison of computed tomographic angiography versus rubidium-82 positron emission tomography for the detection of patients with anatomical coronary artery disease. <i>Canadian Journal of Cardiology</i> , <b>2007</b> , 23, 801-7	3.8	13
121	Coronary x-ray angiographic reconstruction and image orientation. <i>Medical Physics</i> , <b>2006</b> , 33, 707-18	4.4	13
120	Usefulness of baseline statin therapy in non-obstructive coronary artery disease by coronary computed tomographic angiography: From the CONFIRM (CORonary CT Angiography Evaluation For Clinical Outcomes: An International Multicenter) study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0207194	3.7	13
119	Mid-diastolic left ventricular volume and mass: Normal values for coronary computed tomography angiography. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2017</b> , 11, 135-140	2.8	12
118	Incremental Prognostic Value of Quantified Vulnerable Plaque by Cardiac Computed Tomography: A Pilot Study. <i>Journal of Thoracic Imaging</i> , <b>2016</b> , 31, 373-379	5.6	12
117	Scar imaging using multislice computed tomography versus metabolic imaging by F-18 FDG positron emission tomography: a pilot study. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 739-45	3.2	12
116	Prognostic value of treadmill exercise and dobutamine stress positron emission tomography. <i>Canadian Journal of Cardiology</i> , <b>2009</b> , 25, e220-4	3.8	12
115	Right and left ventricular uptake with Rb-82 PET myocardial perfusion imaging: markers of left main or 3 vessel disease. <i>Journal of Nuclear Cardiology</i> , <b>2010</b> , 17, 52-60	2.1	12
114	Clinical performance of Rb-82 myocardial perfusion PET and Tc-99m-based SPECT in patients with extreme obesity. <i>Journal of Nuclear Cardiology</i> , <b>2019</b> , 26, 275-283	2.1	12
113	Reporting of coronary artery calcification on chest CT studies in breast cancer patients at high risk of cancer therapy related cardiac events. <i>IJC Heart and Vasculature</i> , <b>2018</b> , 18, 12-16	2.4	11
112	Calcium score, coronary artery disease extent and severity, and clinical outcomes among low Framingham risk patients with low vs high lifetime risk: results from the CONFIRM registry. <i>Journal of Nuclear Cardiology</i> , <b>2014</b> , 21, 29-37; quiz 38-9	2.1	11
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