

Marc R Dweck

List of Publications by Citations

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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.

272
papers

10,009
citations

50
h-index

94
g-index

331
ext. papers

14,159
ext. citations

6.2
avg, IF

6.33
L-index

#	Paper	IF	Citations
272	Association of fibrosis with mortality and sudden cardiac death in patients with nonischemic dilated cardiomyopathy. <i>JAMA - Journal of the American Medical Association</i> , 2013 , 309, 896-908	27.4	680
271	18F-fluoride positron emission tomography for identification of ruptured and high-risk coronary atherosclerotic plaques: a prospective clinical trial. <i>Lancet, The</i> , 2014 , 383, 705-13	40	581
270	Coronary CT Angiography and 5-Year Risk of Myocardial Infarction. <i>New England Journal of Medicine</i> , 2018 , 379, 924-933	59.2	471
269	Coronary arterial 18F-sodium fluoride uptake: a novel marker of plaque biology. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1539-48	15.1	358
268	Calcific aortic stenosis: a disease of the valve and the myocardium. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1854-63	15.1	354
267	Midwall fibrosis is an independent predictor of mortality in patients with aortic stenosis. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1271-9	15.1	345
266	Identifying active vascular microcalcification by (18)F-sodium fluoride positron emission tomography. <i>Nature Communications</i> , 2015 , 6, 7495	17.4	285
265	Calcification in Aortic Stenosis: The Skeleton Key. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 561-77	15.1	193
264	Myocardial Fibrosis and Cardiac Decompensation in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1320-1333	8.4	181
263	Global evaluation of echocardiography in patients with COVID-19. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 949-958	4.1	176
262	Coronary Artery Plaque Characteristics Associated With Adverse Outcomes in the SCOT-HEART Study. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 291-301	15.1	175
261	Coronary Artery Calcification: From Mechanism to Molecular Imaging. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 582-593	8.4	165
260	Imaging Atherosclerosis. <i>Circulation Research</i> , 2016 , 118, 750-69	15.7	160
259	COVID-19 pandemic and cardiac imaging: EACVI recommendations on precautions, indications, prioritization, and protection for patients and healthcare personnel. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 592-598	4.1	158
258	18F-sodium fluoride uptake is a marker of active calcification and disease progression in patients with aortic stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 371-8	3.9	152
257	Computed Tomography Aortic Valve Calcium Scoring in Patients With Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007146	3.9	147
256	High-sensitivity troponin I concentrations are a marker of an advanced hypertrophic response and adverse outcomes in patients with aortic stenosis. <i>European Heart Journal</i> , 2014 , 35, 2312-21	9.5	147

255	Smooth Muscle Enriched Long Noncoding RNA (SMILR) Regulates Cell Proliferation. <i>Circulation</i> , 2016 , 133, 2050-65	16.7	142
254	Abdominal aortic aneurysm growth predicted by uptake of ultrasmall superparamagnetic particles of iron oxide: a pilot study. <i>Circulation: Cardiovascular Imaging</i> , 2011 , 4, 274-81	3.9	133
253	Left ventricular remodeling and hypertrophy in patients with aortic stenosis: insights from cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012 , 14, 50	6.9	129
252	A novel machine learning-derived radiotranscriptomic signature of perivascular fat improves cardiac risk prediction using coronary CT angiography. <i>European Heart Journal</i> , 2019 , 40, 3529-3543	9.5	127
251	Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction: Results From the Multicenter SCOT-HEART Trial (Scottish Computed Tomography of the HEART). <i>Circulation</i> , 2020 , 141, 1452-1462	16.7	105
250	Myocardial Scar and Mortality in Severe Aortic Stenosis. <i>Circulation</i> , 2018 , 138, 1935-1947	16.7	102
249	Aortic stenosis, atherosclerosis, and skeletal bone: is there a common link with calcification and inflammation?. <i>European Heart Journal</i> , 2013 , 34, 1567-74	9.5	99
248	Lipoprotein(a) and Oxidized Phospholipids Promote Valve Calcification in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2150-2162	15.1	97
247	Hybrid Magnetic Resonance Imaging and Positron Emission Tomography With Fluorodeoxyglucose to Diagnose Active Cardiac Sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 94-107	8.4	94
246	Role of Vascular Smooth Muscle Cell Phenotypic Switching and Calcification in Aortic Aneurysm Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 1351-1368	9.4	92
245	Left ventricular hypertrophy with strain and aortic stenosis. <i>Circulation</i> , 2014 , 130, 1607-16	16.7	89
244	Noninvasive Molecular Imaging of Disease Activity in Atherosclerosis. <i>Circulation Research</i> , 2016 , 119, 330-40	15.7	89
243	Aortic Wall Inflammation Predicts Abdominal Aortic Aneurysm Expansion, Rupture, and Need for Surgical Repair. <i>Circulation</i> , 2017 , 136, 787-797	16.7	85
242	Optimization and comparison of myocardial T1 techniques at 3T in patients with aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 556-65	4.1	83
241	Progression of Hypertrophy and Myocardial Fibrosis in Aortic Stenosis: A Multicenter Cardiac Magnetic Resonance Study. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e007451	3.9	82
240	Imaging and Impact of Myocardial Fibrosis in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 283-296	8.4	79
239	F-Sodium Fluoride Uptake in Abdominal Aortic Aneurysms: The SoFIA Study. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 513-523	15.1	79
238	Coronary Artery PET/MR Imaging: Feasibility, Limitations, and Solutions. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1103-1112	8.4	69

237	Extracellular Myocardial Volume in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 304-316	15.1	69
236	Calcific aortic valve stenosis: hard disease in the heart: A biomolecular approach towards diagnosis and treatment. <i>European Heart Journal</i> , 2018 , 39, 2618-2624	9.5	69
235	A clinical risk score of myocardial fibrosis predicts adverse outcomes in aortic stenosis. <i>European Heart Journal</i> , 2016 , 37, 713-23	9.5	69
234	Peri-Coronary Adipose Tissue Density Is Associated With F-Sodium Fluoride Coronary Uptake in Stable Patients With High-Risk Plaques. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2000-2010	8.4	63
233	F-Fluoride and F-Fluorodeoxyglucose Positron Emission Tomography After Transient Ischemic Attack or Minor Ischemic Stroke: Case-Control Study. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	62
232	Valvular (18)F-Fluoride and (18)F-Fluorodeoxyglucose Uptake Predict Disease Progression and Clinical Outcome in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1200-1	15.1	62
231	Motion Correction of 18F-NaF PET for Imaging Coronary Atherosclerotic Plaques. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 54-9	8.9	60
230	Multimodality Imaging in Restrictive Cardiomyopathies: An EACVI expert consensus document In collaboration with the "Working Group on myocardial and pericardial diseases" of the European Society of Cardiology Endorsed by The Indian Academy of Echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 1090-1121	4.1	58
229	Systemic Atherosclerotic Inflammation Following Acute Myocardial Infarction: Myocardial Infarction Begets Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2015 , 4, e001956	6	58
228	Cardiac Integrin expression following acute myocardial infarction in humans. <i>Heart</i> , 2017 , 103, 607-615	5.1	57
227	Why and How to Measure Aortic Valve Calcification in Patients With Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1835-1848	8.4	57
226	Transcatheter Aortic Heart Valves: Histological Analysis Providing Insight to Leaflet Thickening and Structural Valve Degeneration. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 135-145	8.4	56
225	F-Fluoride Signal Amplification Identifies Microcalcifications Associated With Atherosclerotic Plaque Instability in Positron Emission Tomography/Computed Tomography Images. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e007835	3.9	56
224	Echocardiography underestimates stroke volume and aortic valve area: implications for patients with small-area low-gradient aortic stenosis. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 1064-72	3.8	55
223	Detection and Prediction of Bioprosthetic Aortic Valve Degeneration. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1107-1119	15.1	52
222	Ablation of the androgen receptor from vascular smooth muscle cells demonstrates a role for testosterone in vascular calcification. <i>Scientific Reports</i> , 2016 , 6, 24807	4.9	49
221	MR Imaging of Coronary Arteries and Plaques. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 306-16	8.4	49
220	Optimization and Reproducibility of Aortic Valve 18F-Fluoride Positron Emission Tomography in Patients With Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	49

219	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
218	MR/PET Imaging of the Cardiovascular System. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1165-1179	8.4	47
217	Role of multidetector computed tomography in the diagnosis and management of patients attending the rapid access chest pain clinic, The Scottish computed tomography of the heart (SCOT-HEART) trial: study protocol for randomized controlled trial. <i>Trials</i> , 2012 , 13, 184	2.8	45
216	The role of cardiovascular imaging for myocardial injury in hospitalized COVID-19 patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 709-714	4.1	44
215	End stage renal disease-induced hypercalcemia may promote aortic valve calcification via Annexin VI enrichment of valve interstitial cell derived-matrix vesicles. <i>Journal of Cellular Physiology</i> , 2017 , 232, 2985-2995	7	43
214	Bone marrow adipose tissue is a unique adipose subtype with distinct roles in glucose homeostasis. <i>Nature Communications</i> , 2020 , 11, 3097	17.4	43
213	New methods to image unstable atherosclerotic plaques. <i>Atherosclerosis</i> , 2018 , 272, 118-128	3.1	42
212	F-Sodium Fluoride PET/MR for the Assessment of Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2712-2714	15.1	41
211	Rationale and design of the randomized, controlled Early Valve Replacement Guided by Biomarkers of Left Ventricular Decompensation in Asymptomatic Patients with Severe Aortic Stenosis (EVOLVED) trial. <i>American Heart Journal</i> , 2019 , 212, 91-100	4.9	40
210	Coronary F-Sodium Fluoride Uptake Predicts Outcomes in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 3061-3074	15.1	38
209	Will 18F-sodium fluoride PET-CT imaging be the magic bullet for identifying vulnerable coronary atherosclerotic plaques?. <i>Current Cardiology Reports</i> , 2014 , 16, 521	4.2	38
208	Disease Activity in Mitral Annular Calcification. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008513	3.9	35
207	Dual-Gated Motion-Frozen Cardiac PET with Flurpiridaz F 18. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 1876-1881	3.1	35
206	Left ventricular wall thickness and the presence of asymmetric hypertrophy in healthy young army recruits: data from the LARGE heart study. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 262-7	3.9	34
205	Midwall Fibrosis and 5-Year Outcome in Moderate and Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1755-1756	15.1	33
204	Clinical Utility of Combined FDG-PET/MR to Assess Myocardial Disease. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 594-597	8.4	32
203	Computed Tomography and Cardiac Magnetic Resonance in Ischemic Heart Disease. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2201-2216	15.1	32
202	Ferumoxitol-enhanced magnetic resonance imaging assessing inflammation after myocardial infarction. <i>Heart</i> , 2017 , 103, 1528-1535	5.1	32

201	Imaging of coronary atherosclerosis - evolution towards new treatment strategies. <i>Nature Reviews Cardiology</i> , 2016 , 13, 533-48	14.8	32
200	Management of Asymptomatic Severe Aortic Stenosis: Evolving Concepts in Timing of Valve Replacement. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 481-493	8.4	30
199	Risk Stratification in Patients With Aortic Stenosis Using Novel Imaging Approaches. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8, e003421	3.9	29
198	Three-Hour Delayed Imaging Improves Assessment of Coronary F-Sodium Fluoride PET. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 530-535	8.9	27
197	Diagnostic and prognostic benefits of computed tomography coronary angiography using the 2016 National Institute for Health and Care Excellence guidance within a randomised trial. <i>Heart</i> , 2018 , 104, 207-214	5.1	26
196	Late gadolinium enhancement as a potential marker of increased perioperative risk in aortic valve replacement. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2012 , 15, 45-50	1.8	26
195	Optimization of reconstruction and quantification of motion-corrected coronary PET-CT. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 494-504	2.1	26
194	Noninvasive Imaging to Assess Atherosclerotic Plaque Composition and Disease Activity: Coronary and Carotid Applications. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1055-1068	8.4	26
193	Sex-Related Differences in the Extent of Myocardial Fibrosis in Patients With Aortic Valve Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 699-711	8.4	26
192	High-Sensitivity Cardiac Troponin I and the Diagnosis of Coronary Artery Disease in Patients With Suspected Angina Pectoris. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018 , 11, e004227	5.8	25
191	Observer variability in the assessment of CT coronary angiography and coronary artery calcium score: substudy of the Scottish COmputed Tomography of the HEART (SCOT-HEART) trial. <i>Open Heart</i> , 2015 , 2, e000234	3	25
190	Correction of respiratory and cardiac motion in cardiac PET/MR using MR-based motion modeling. <i>Physics in Medicine and Biology</i> , 2018 , 63, 225011	3.8	25
189	Triple-gated motion and blood pool clearance corrections improve reproducibility of coronary F-NaF PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 , 46, 2610-2620	8.8	24
188	Molecular Coronary Plaque Imaging Using F-Fluoride. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008574	5.4	24
187	Salt in the wound: (18)F-fluoride positron emission tomography for identification of vulnerable coronary plaques. <i>Cardiovascular Diagnosis and Therapy</i> , 2015 , 5, 150-5	2.6	24
186	Feasibility of Coronary F-Sodium Fluoride Positron-Emission Tomography Assessment With the Utilization of Previously Acquired Computed Tomography Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e008325	3.9	24
185	Data-Driven Gross Patient Motion Detection and Compensation: Implications for Coronary F-NaF PET Imaging. <i>Journal of Nuclear Medicine</i> , 2019 , 60, 830-836	8.9	23
184	Ga-DOTATATE PET Identifies Residual Myocardial Inflammation and Bone Marrow Activation After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2489-2491	15.1	21

183	The vulnerable atherosclerotic plaque: in vivo identification and potential therapeutic avenues. <i>Heart</i> , 2015 , 101, 1755-66	5.1	21
182	Myocardial inflammation, injury and infarction during on-pump coronary artery bypass graft surgery. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 115	1.6	21
181	Vascular Positron Emission Tomography and Restenosis in Symptomatic Peripheral Arterial Disease: A Prospective Clinical Study. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1008-1017	8.4	21
180	Procedural recommendations of cardiac PET/CT imaging: standardization in inflammatory-, infective-, infiltrative-, and innervation (4Is)-related cardiovascular diseases: a joint collaboration of the EACVI and the EANM. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1016-1039	8.8	21
179	Cap inflammation leads to higher plaque cap strain and lower cap stress: An MRI-PET/CT-based FSI modeling approach. <i>Journal of Biomechanics</i> , 2017 , 50, 121-129	2.9	20
178	Quantitative myocardial perfusion evaluation with positron emission tomography and the risk of cardiovascular events in patients with coronary artery disease: a systematic review of prognostic studies. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 1179-1187	4.1	20
177	Utility of Combining PET and MR Imaging of Carotid Plaque. <i>Neuroimaging Clinics of North America</i> , 2016 , 26, 55-68	3	19
176	Measurement of myocardial blood flow by cardiovascular magnetic resonance perfusion: comparison of distributed parameter and Fermi models with single and dual bolus. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17, 17	6.9	18
175	Markers of left ventricular decompensation in aortic stenosis. <i>Expert Review of Cardiovascular Therapy</i> , 2014 , 12, 901-12	2.5	18
174	Computed tomography myocardial perfusion vs O-water positron emission tomography and fractional flow reserve. <i>European Radiology</i> , 2017 , 27, 1114-1124	8	18
173	Whole-vessel coronary F-sodium fluoride PET for assessment of the global coronary microcalcification burden. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020 , 47, 1736-1745	8.8	18
172	Multimodality imaging in takotsubo syndrome: a joint consensus document of the European Association of Cardiovascular Imaging (EACVI) and the Japanese Society of Echocardiography (JSE). <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 1184-1207	4.1	18
171	Effect of Denosumab or Alendronic Acid on the Progression of Aortic Stenosis: A Double-Blind Randomized Controlled Trial. <i>Circulation</i> , 2021 , 143, 2418-2427	16.7	18
170	Ticagrelor to Reduce Myocardial Injury in Patients With High-Risk Coronary Artery Plaque. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 1549-1560	8.4	18
169	Motion-Corrected Imaging of the Aortic Valve with F-NaF PET/CT and PET/MRI: A Feasibility Study. <i>Journal of Nuclear Medicine</i> , 2017 , 58, 1811-1814	8.9	17
168	Genetic Variation in LPA, Calcific Aortic Valve Stenosis in Patients Undergoing Cardiac Surgery, and Familial Risk of Aortic Valve Microcalcification. <i>JAMA Cardiology</i> , 2019 , 4, 620-627	16.2	17
167	Lipoprotein(a), Oxidized Phospholipids, and Aortic Valve Microcalcification Assessed by 18F-Sodium Fluoride Positron Emission Tomography and Computed Tomography. <i>CJC Open</i> , 2019 , 1, 131-140	2	17
166	Analytical quantification of aortic valve 18F-sodium fluoride PET uptake. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 962-972	2.1	17

165	Adverse prognosis associated with asymmetric myocardial thickening in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 347-356	4.1	16
164	EACVI survey on standardization of cardiac chambers quantification by transthoracic echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 119-123	4.1	16
163	Complementary role of cardiac CT in the assessment of aortic valve replacement dysfunction. <i>Open Heart</i> , 2016 , 3, e000494	3	16
162	Mechanisms of mitral annular calcification. <i>Trends in Cardiovascular Medicine</i> , 2020 , 30, 289-295	6.9	16
161	Quantitative assessment of myocardial blood flow in coronary artery disease by cardiovascular magnetic resonance: comparison of Fermi and distributed parameter modeling against invasive methods. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016 , 18, 57	6.9	15
160	Bicuspid Aortic Valve Stenosis and the Effect of Vitamin K2 on Calcification Using F-Sodium Fluoride Positron Emission Tomography/Magnetic Resonance: The BASIK2 Rationale and Trial Design. <i>Nutrients</i> , 2018 , 10,	6.7	15
159	Ferumoxitol-enhanced magnetic resonance imaging methodology and normal values at 1.5 and 3T. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016 , 18, 46	6.9	15
158	In vivo alpha-V beta-3 integrin expression in human aortic atherosclerosis. <i>Heart</i> , 2019 , 105, 1868-1875	5.1	15
157	Ferumoxitol-enhanced magnetic resonance imaging in acute myocarditis. <i>Heart</i> , 2018 , 104, 300-305	5.1	15
156	Advances in Therapies and Imaging for Systemic Vasculitis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 1520-1541	9.4	14
155	Pathophysiology of Aortic Stenosis and Future Perspectives for Medical Therapy. <i>Cardiology Clinics</i> , 2020 , 38, 1-12	2.5	14
154	Multimodality imaging in cardiology: a statement on behalf of the Task Force on Multimodality Imaging of the European Association of Cardiovascular Imaging. <i>European Heart Journal</i> , 2019 , 40, 553-558	9.5	14
153	Emerging techniques in atherosclerosis imaging. <i>British Journal of Radiology</i> , 2019 , 92, 20180309	3.4	13
152	Sex differences in left ventricular remodelling, myocardial fibrosis and mortality after aortic valve replacement. <i>Heart</i> , 2019 , 105, 1818-1824	5.1	13
151	The evaluation of aortic stenosis, how the new guidelines are implemented across Europe: a survey by EACVI. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 357-362	4.1	13
150	Standardized reporting systems for computed tomography coronary angiography and calcium scoring: A real-world validation of CAD-RADS and CAC-DRS in patients with stable chest pain. <i>Journal of Cardiovascular Computed Tomography</i> , 2020 , 14, 3-11	2.8	13
149	Quantification of Macrophage-Driven Inflammation During Myocardial Infarction with F-LW223, a Novel TSPO Radiotracer with Binding Independent of the rs6971 Human Polymorphism. <i>Journal of Nuclear Medicine</i> , 2021 , 62, 536-544	8.9	13
148	Criteria for surveys: from the European Association of Cardiovascular Imaging Scientific Initiatives Committee. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 963-966	4.1	12

147	Coronary F-Fluoride Uptake and Progression of Coronary Artery Calcification. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e011438	3.9	12
146	The Role of Imaging in Aortic Valve Disease. <i>Current Cardiovascular Imaging Reports</i> , 2016 , 9, 21	0.7	12
145	Determinants and prognostic value of echocardiographic first-phase ejection fraction in aortic stenosis. <i>Heart</i> , 2020 , 106, 1236-1243	5.1	11
144	Association of Lipoprotein(a) With Atherosclerotic Plaque Progression.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 223-233	15.1	11
143	Position paper of the EACVI and EANM on artificial intelligence applications in multimodality cardiovascular imaging using SPECT/CT, PET/CT, and cardiac CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 1399-1413	8.8	11
142	Demons versus Level-Set motion registration for coronary F-sodium fluoride PET. <i>Proceedings of SPIE</i> , 2016 , 9784,	1.7	11
141	Cardiovascular F-fluoride positron emission tomography-magnetic resonance imaging: A comparison study. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1-12	2.1	11
140	Sex differences in aortic stenosis: from pathophysiology to treatment. <i>Expert Review of Cardiovascular Therapy</i> , 2020 , 18, 65-76	2.5	10
139	Validation of European Society of Cardiology pre-test probabilities for obstructive coronary artery disease in suspected stable angina. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2020 , 6, 293-300	4.6	10
138	Manganese-enhanced MRI of the myocardium. <i>Heart</i> , 2019 , 105, 1695-1700	5.1	10
137	What can we learn about valvular heart disease from PET/CT?. <i>Future Cardiology</i> , 2013 , 9, 657-67	1.3	10
136	Procedural recommendations of cardiac PET/CT imaging: standardization in inflammatory-, infective-, infiltrative-, and innervation- (4Is) related cardiovascular diseases: a joint collaboration of the EACVI and the EANM: Summary. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 1320-1330	4.1	10
135	Contemporary rationale for non-invasive imaging of adverse coronary plaque features to identify the vulnerable patient: Position Paper from the European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology and the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 1177-1183	4.1	10
134	The Role of Imaging in Measuring Disease Progression and Assessing Novel Therapies in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 185-197	8.4	10
133	Diagnostic Applications of Ultrasmall Superparamagnetic Particles of Iron Oxide for Imaging Myocardial and Vascular Inflammation. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1249-1264	8.4	10
132	Cardiac myosin-binding protein C is a novel marker of myocardial injury and fibrosis in aortic stenosis. <i>Heart</i> , 2018 , 104, 1101-1108	5.1	10
131	F-Sodium Fluoride Positron Emission Tomography/Computed Tomography in Ex Vivo Human Coronary Arteries With Histological Correlation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 404-411	9.4	9
130	Multimodality imaging in heart valve disease. <i>Open Heart</i> , 2016 , 3, e000330	3	9

129	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
128	F-Fluoride Positron Emission Tomographic Imaging of Penile Arteries and Erectile Dysfunction. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1386-1394	15.1	8
127	Exercise Electrocardiography and Computed Tomography Coronary Angiography for Patients With Suspected Stable Angina Pectoris: A Post Hoc Analysis of the Randomized SCOT-HEART Trial. <i>JAMA Cardiology</i> , 2020 , 5, 920-928	16.2	8
126	Role of advanced left ventricular imaging in adults with aortic stenosis. <i>Heart</i> , 2020 , 106, 962-969	5.1	8
125	Osteoporosis is a major confounder in observational studies investigating bisphosphonate therapy in aortic stenosis. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1027; author reply 1027	15.1	8
124	The year in cardiology: valvular heart disease. <i>European Heart Journal</i> , 2020 , 41, 912-920	9.5	8
123	Computed tomography aortic valve calcium scoring for the assessment of aortic stenosis progression. <i>Heart</i> , 2020 , 106, 1906-1913	5.1	8
122	Progression and regression of left ventricular hypertrophy and myocardial fibrosis in a mouse model of hypertension and concomitant cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 57	6.9	8
121	Multimodality imaging of myocardial viability: an expert consensus document from the European Association of Cardiovascular Imaging (EACVI). <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, e97-e125	4.1	8
120	EACVI survey on multimodality training in ESC countries. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1332-1336	4.1	8
119	Non-invasive in vivo imaging of acute thrombosis: development of a novel factor XIIIa radiotracer. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 673-682	4.1	8
118	A novel fluorescein-bisphosphonate based diagnostic tool for the detection of hydroxyapatite in both cell and tissue models. <i>Scientific Reports</i> , 2018 , 8, 17360	4.9	8
117	EACVI survey on the evaluation of infective endocarditis. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 828-832	4.1	7
116	Respiration-averaged CT versus standard CT attenuation map for correction of F-sodium fluoride uptake in coronary atherosclerotic lesions on hybrid PET/CT. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	7
115	Wall Stress and Geometry of the Thoracic Aorta in Patients With Aortic Valve Disease. <i>Annals of Thoracic Surgery</i> , 2018 , 105, 1077-1085	2.7	7
114	Hybrid PET- and MR-driven attenuation correction for enhanced F-NaF and F-FDG quantification in cardiovascular PET/MR imaging. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 1126-1141	2.1	7
113	Aortic valve stenosis-multimodality assessment with PET/CT and PET/MRI. <i>British Journal of Radiology</i> , 2020 , 93, 20190688	3.4	7
112	Vulnerable plaque imaging using F-sodium fluoride positron emission tomography. <i>British Journal of Radiology</i> , 2020 , 93, 20190797	3.4	7

111	Machine-learning with F-sodium fluoride PET and quantitative plaque analysis on CT angiography for the future risk of myocardial infarction. <i>Journal of Nuclear Medicine</i> , 2021 ,	8.9	7
110	Iterative reconstruction incorporating background correction improves quantification of [F]-NaF PET/CT images of patients with abdominal aortic aneurysm. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 1875-1886	7	7
109	Imaging aortic wall inflammation. <i>Trends in Cardiovascular Medicine</i> , 2019 , 29, 440-448	6.9	7
108	Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 545-558	15.1	7
107	Sex-Specific Computed Tomography Coronary Plaque Characterization and Risk of Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1804-1814	8.4	7
106	Kinetic modelling and quantification bias in small animal PET studies with [18F]AB5186, a novel 18 kDa translocator protein radiotracer. <i>PLoS ONE</i> , 2019 , 14, e0217515	3.7	6
105	Complications and prognosis of patients undergoing apical or septal right ventricular pacing. <i>Open Heart</i> , 2019 , 6, e000962	3	6
104	F-Sodium Fluoride (F-NaF) for Imaging Microcalcification Activity in the Cardiovascular System. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1620-1626	9.4	6
103	Observer repeatability and interscan reproducibility of 18F-sodium fluoride coronary microcalcification activity. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	6
102	The future of imaging in cardiovascular disease intervention trials: 2017 and beyond. <i>Current Opinion in Lipidology</i> , 2016 , 27, 605-614	4.4	6
101	Positron emission tomography imaging of coronary atherosclerosis. <i>Future Cardiology</i> , 2016 , 12, 483-96	1.3	6
100	Imaging of inflammation and calcification in aortic stenosis. <i>Current Cardiology Reports</i> , 2013 , 15, 320	4.2	6
99	Prevalence and clinical implications of valvular calcification on coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 262-270	4.1	6
98	Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEART-a UK, multicentre, observational study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 77	6.9	6
97	Reproducibility of quantitative plaque measurement in advanced coronary artery disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 333-338	2.8	6
96	Quantifying microcalcification activity in the thoracic aorta. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	6
95	Comparison of Correction Techniques for the Spill in Effect in Emission Tomography. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2020 , 4, 422-432	4.2	5
94	Considerations for Clinical Trials Targeting the Myocardial Interstitium. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2319-2331	8.4	5

93	Multimodality Imaging for the Assessment of Severe Aortic Stenosis. <i>Journal of Cardiovascular Imaging</i> , 2019 , 27, 235-246	1.3	5
92	Response by Williams et al to Letter Regarding Article, "Low-Attenuation Noncalcified Plaque on Coronary Computed Tomography Angiography Predicts Myocardial Infarction: Results From the Multicenter SCOT-HEART Trial (Scottish Computed Tomography of the HEART)". <i>Circulation</i> , 2020 , 142, e14-e17	16.7	5
91	EACVI recommendations on cardiovascular imaging for the detection of embolic sources: endorsed by the Canadian Society of Echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, e24-e57	4.1	5
90	Off-target effects of oral anticoagulants - vascular effects of vitamin K antagonist and non-vitamin K antagonist oral anticoagulant dabigatran etexilate. <i>Journal of Thrombosis and Haemostasis</i> , 2021 , 19, 1348-1363	15.4	5
89	Imaging as a surrogate marker of drug efficacy in cardiovascular disease. <i>Heart</i> , 2019 , 105, 567-578	5.1	5
88	The EACVI survey on cardiac imaging in cardio-oncology. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 367-371	4.1	5
87	A Machine-Learning Framework to Identify Distinct Phenotypes of Aortic Stenosis Severity. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1707-1720	8.4	5
86	Contrast-enhanced computed tomography assessment of aortic stenosis. <i>Heart</i> , 2021 , 107, 1905-1911	5.1	5
85	¹⁸ F-SODIUM FLUORIDE CORONARY UPTAKE PREDICTS MYOCARDIAL INFARCTIONS IN PATIENTS WITH KNOWN CORONARY ARTERY DISEASE. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 3667	15.1	4
84	Manganese-enhanced T mapping to quantify myocardial viability: validation with F-fluorodeoxyglucose positron emission tomography. <i>Scientific Reports</i> , 2020 , 10, 2018	4.9	4
83	Translational Coronary Atherosclerosis Imaging with PET. <i>Cardiology Clinics</i> , 2016 , 34, 179-86	2.5	4
82	Imaging: Perivascular fat - an unheralded informant of coronary inflammation. <i>Nature Reviews Cardiology</i> , 2017 , 14, 573-574	14.8	4
81	Is myocardial ischemia really bad for you?. <i>Expert Review of Cardiovascular Therapy</i> , 2014 , 12, 131-4	2.5	4
80	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imaging-part II.. <i>European Heart Journal Cardiovascular Imaging</i> , 2022 , 23, 1-11	4.1	4
79	The pericardium promotes cardiac repair and remodelling post-myocardial infarction		4
78	Assessing the qualitative and quantitative impacts of simple two-class vs multiple tissue-class MR-based attenuation correction for cardiac PET/MR. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 2194-2204 ^{2.1}		4
77	Greater aortic inflammation and calcification in abdominal aortic aneurysmal disease than atherosclerosis: a prospective matched cohort study. <i>Open Heart</i> , 2020 , 7, e001141	3	4
76	Global Longitudinal Strain Analysis Using Cardiac MRI in Aortic Stenosis: Comparison with Left Ventricular Remodeling, Myocardial Fibrosis, and 2-year Clinical Outcomes. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190027	8.3	4

75	Coronary Computed Tomographic Angiography for Complete Assessment of Coronary Artery Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 713-736	15.1	4
74	18F-FDG:18F-NaF PET/MR multi-parametric imaging with kinetics-based bone segmentation for enhanced dual-tracer PET quantification 2016 ,		3
73	Noxious arousal induces T-wave changes in healthy subjects. <i>Journal of Electrocardiology</i> , 2006 , 39, 324-304		3
72	Clinical applications of cardiac computed tomography: a consensus paper of the European Association of Cardiovascular Imaging-part I.. <i>European Heart Journal Cardiovascular Imaging</i> , 2022 ,	4.1	3
71	Evaluating Medical Therapy for Calcific Aortic Stenosis: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 2354-2376	15.1	3
70	EACVI survey on the management of patients with patent foramen ovale and cryptogenic stroke. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 135-141	4.1	3
69	EACVI survey on investigations and imaging modalities in chronic coronary syndromes. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1-7	4.1	3
68	Categorising myocardial infarction with advanced cardiovascular imaging. <i>Lancet, The</i> , 2021 , 398, e9	4.0	3
67	Lipoprotein(a) has no major impact on calcification activity in patients with mild to moderate aortic valve stenosis. <i>Heart</i> , 2022 , 108, 61-66	5.1	3
66	Deep learning-enabled coronary CT angiography for plaque and stenosis quantification and cardiac risk prediction: an international multicentre study.. <i>The Lancet Digital Health</i> , 2022 , 4, e256-e265	14.4	3
65	Clinical determinants of plasma cardiac biomarkers in patients with stable chest pain. <i>Heart</i> , 2019 , 105, 1748-1754	5.1	2
64	Pericoronary adipose tissue attenuation and coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 644-645	4.1	2
63	Reproducibility of T1 mapping 11-heart beat MOLLI Sequence. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17, W26	6.9	2
62	Effect of the 2017 European Guidelines on Reclassification of Severe Aortic Stenosis and Its Influence on Management Decisions for Initially Asymptomatic Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e011763	3.9	2
61	Assessment of different quantification metrics of [F]-NaF PET/CT images of patients with abdominal aortic aneurysm. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	2
60	The clinical utility of hybrid imaging for the identification of vulnerable plaque and vulnerable patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2019 , 13, 242-247	2.8	2
59	Assessment of Aortic Stenosis by Cardiac Magnetic Resonance Imaging: Quantification of Flow, Characterization of Myocardial Injury, Transcatheter Aortic Valve Replacement Planning, and More. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2019 , 27, 427-437	1.6	2
58	Isolated ventricular noncompaction syndrome in a nigerian male: case report and review of the literature. <i>Cardiology Research and Practice</i> , 2010 , 2010,	1.9	2

57	Review: Mechanisms of silent myocardial ischaemia: with particular reference to diabetes mellitus. <i>British Journal of Diabetes and Vascular Disease</i> , 2009 , 9, 99-102		2
56	Unusual complication of a migrant pacemaker lead. <i>Europace</i> , 2009 , 11, 1122-4	3.9	2
55	MRI and CT coronary angiography in survivors of COVID-19. <i>Heart</i> , 2022 , 108, 46-53	5.1	2
54	Bone marrow adipose tissue is a unique adipose subtype with distinct roles in systemic glucose homeostasis		2
53	Multimodality imaging: Bird's eye view from the European Society of Cardiology Congress 2019 Paris, August 31st-September 4th, 2019. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 53-61	2.1	2
52	Scan-rescan measurement repeatability of F-FDG PET/MR imaging of vascular inflammation. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	2
51	Improved identification of abdominal aortic aneurysm using the Kernelized Expectation Maximization algorithm. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021 , 379, 20200201	3	2
50	EACVI survey on the evaluation of left ventricular diastolic function. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1098-1105	4.1	2
49	Management of asymptomatic severe aortic stenosis: check or all in?. <i>Heart</i> , 2021 , 107, 842-850	5.1	2
48	MINOCA: a heterogeneous group of conditions associated with myocardial damage. <i>Heart</i> , 2021 , 107, 1458-1464	5.1	2
47	The Role of SGLT2 Inhibitors in Heart Failure: A Systematic Review and Meta-Analysis. <i>Cardiology Research and Practice</i> , 2021 , 2021, 9927533	1.9	2
46	Imaging aortic valve calcification: significance, approach and implications. <i>Clinical Radiology</i> , 2021 , 76, 15-26	2.9	2
45	Left Ventricular Thrombus Following Acute Myocardial Infarction: JACC State-of-the-Art Review.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1010-1022	15.1	2
44	A 56-year-old woman with breathlessness. <i>Heart</i> , 2017 , 103, 726	5.1	1
43	Cardiac Computed Tomography Certification at Euroecho Imaging 2018. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 253-254	4.1	1
42	YIA4 The Novel Alpha-V Beta-3 Integrin Positron Emission Tomography Radiotracer 18F-Fluciclatide is a Marker of Aortic Atherosclerosis Activity. <i>Heart</i> , 2015 , 101, A123.2-A124	5.1	1
41	Sex Differences in Valve-Calcification Activity and Calcification Progression in Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2045-2046	8.4	1
40	Direct 4D Patlak 18F-FDG PET/MR for the Multi-Parametric Assessment of active cardiac sarcoidosis 2017 ,		1

39	Is ischemia really bad for you?. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2148-9	15.1	1
38	PET-driven respiratory phase tracking and self-gating of PET data: clinical demonstration of enhanced lesion detectability in cardiovascular PET/MRI 2017 ,		1
37	Anticoagulation in atrial fibrillation: the present and the future. <i>JRSM Cardiovascular Disease</i> , 2012 , 1,	1.1	1
36	Noxious Arousal Induces T Wave Abnormalities in Healthy Subjects. <i>Scottish Medical Journal</i> , 2006 , 51, 1-10	1.8	1
35	Cardiovascular imaging to guide primary prevention. <i>Heart</i> , 2020 , 106, 1267-1275	5.1	1
34	¹⁸ F-fluoride PET/MR in cardiac amyloid: A comparison study with aortic stenosis and age- and sex-matched controls. <i>Journal of Nuclear Cardiology</i> , 2020 , 1	2.1	1
33	Coronary vasospasm in eosinophilic granulomatosis with polyangiitis. <i>Rheumatology</i> , 2020 , 59, e144-e146	5.9	1
32	Ex vivo F-fluoride uptake and hydroxyapatite deposition in human coronary atherosclerosis. <i>Scientific Reports</i> , 2020 , 10, 20172	4.9	1
31	Detecting native and bioprosthetic aortic valve disease using F-sodium fluoride: Clinical implications. <i>Journal of Nuclear Cardiology</i> , 2021 , 28, 481-491	2.1	1
30	Pericoronary and periaortic adipose tissue density are associated with inflammatory disease activity in Takayasu arteritis and atherosclerosis. <i>European Heart Journal Open</i> , 2021 , 1, oeab019		1
29	Association of coronary artery calcium score with qualitatively and quantitatively assessed adverse plaque on coronary CT angiography in the SCOT-HEART trial. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 ,	4.1	1
28	Hepatosteatosis and Atherosclerotic Plaque at Coronary CT Angiography.. <i>Radiology: Cardiothoracic Imaging</i> , 2022 , 4, e210260	8.3	1
27	A model based on clinical parameters to identify myocardial late gadolinium enhancement by magnetic resonance in patients with aortic stenosis: An observational study. <i>JRSM Cardiovascular Disease</i> , 2020 , 9, 2048004020922400	1.1	0
26	Aortic valve imaging using F-sodium fluoride: impact of triple motion correction.. <i>EJNMMI Physics</i> , 2022 , 9, 4	4.4	0
25	A novel cardiovascular magnetic resonance risk score for predicting mortality following surgical aortic valve replacement. <i>Scientific Reports</i> , 2021 , 11, 20183	4.9	0
24	First-phase ejection fraction by cardiovascular magnetic resonance predicts outcomes in aortic stenosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 73	6.9	0
23	The year 2020 in the European Heart Journal - Cardiovascular Imaging: part I. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 1219-1227	4.1	0
22	A 33-year-old man with atypical chest pain. <i>Heart</i> , 2017 , 103, 474	5.1	

21	Well patient, worrying thoracic magnetic resonance aortogram. <i>BMJ, The</i> , 2017 , 356, j1367	5.9
20	47-year-old female with an apical mass. <i>Heart</i> , 2017 , 103, 886	5.1
19	Imaging vascular calcification: Where are we headed 2019 , 203-246	
18	Left Ventricular Fibrosis in Patients with Aortic Stenosis 2019 , 127-139	
17	Role of Multimodality Imaging in Atherosclerotic Plaque Burden and Metabolism 2015 , 153-174	
16	Response to Letter about article, "Left ventricular wall thickness and the presence of asymmetric hypertrophy in healthy young army recruits: data from the LARGE heart study". <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, e29	3.9
15	CMR Features in Cardiac Sarcoidosis. <i>Case Reports in Radiology</i> , 2011 , 2011, 702984	0.6
14	Direct invasion of the left atrium by a primary lung tumour. <i>BMJ Case Reports</i> , 2010 , 2010,	0.9
13	A Femoral Pulse Despite Proximal Vessel Occlusion. <i>British Journal of Diabetes and Vascular Disease</i> , 2010 , 10, 311-312	
12	Imaging Cardiovascular Calcification Activity with 18F-Fluoride PET. <i>Contemporary Cardiology</i> , 2020 , 423-440	0.1
11	Response by Bing et al to Letter Regarding Article, "Effect of Denosumab or Alendronic Acid on the Progression of Aortic Stenosis: A Double-Blind Randomized Controlled Trial". <i>Circulation</i> , 2021 , 144, e335	16.7
10	Atherosclerotic Plaque Imaging 2019 , 335-342.e3	
9	The year in cardiology 2019: valvular heart disease. <i>Revista Romana De Cardiologie</i> , 2020 , 30, 205-215	0.1
8	The AuthorsPreply: instantaneous pressure-flow relationships in aortic stenosis. <i>Heart</i> , 2020 , 106, 1778-1779	5.1
7	Tricuspid Valve-in-Valve and Bioprosthetic Surgical Tricuspid and Pulmonic Valve Degeneration: Lessons From Imaging and Histopathology. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2680-2682	8.4
6	A rare cause of acute ST-elevation myocardial infarction: a case of coronary embolism secondary to calcified bicuspid aortic valve. <i>Revista Romana De Cardiologie</i> , 2021 , 31, 116-121	0.1
5	Clinical Molecular Imaging of Inflammation and Calcification in Atherosclerosis 2021 , 513-530	
4	T1 Mapping in Aortic Stenosis 2018 , 61-75	

3	Response by Kwiecinski et al to Letter Regarding Article, "Native Aortic Valve Disease Progression and Bioprosthetic Valve Degeneration in Patients With Transcatheter Aortic Valve Implantation".. <i>Circulation</i> , 2022 , 145, e809-e810	16.7
2	Let there be light! The meteoric rise of cardiac imaging.. <i>Heart</i> , 2022 , 108, 780-786	5.1
1	Computed Tomography Aortic Valve Calcium Scoring in Patients With Bicuspid Aortic Valve Stenosis. <i>Structural Heart</i> , 2022 , 6, 100027	0.6