Eike Nagel

List of Publications by Citations

357 papers	20,568 citations	72 h-index	135 g-index
435 ext. papers	24,414 ext. citations	6.6 avg, IF	6.65 L-index

#	Paper	IF	Citations
357	Coronary magnetic resonance angiography for the detection of coronary stenoses. *New England Journal of Medicine*, **2001**, 345, 1863-9	59.2	1136
356	Outcomes of Cardiovascular Magnetic Resonance Imaging in Patients Recently Recovered From Coronavirus Disease 2019 (COVID-19). *JAMA Cardiology*, **2020**, 5, 1265-1273	16.2	929
355	Standardized image interpretation and post processing in cardiovascular magnetic resonance: Society for Cardiovascular Magnetic Resonance (SCMR) board of trustees task force on standardized post processing. *Journal of Cardiovascular Magnetic Resonance*, **2013**, 15, 35	6.9	749
354	Noninvasive diagnosis of ischemia-induced wall motion abnormalities with the use of high-dose dobutamine stress MRI: comparison with dobutamine stress echocardiography. *Circulation*, **1999**, 99, 763-70	16.7	633
353	Comparison of myocardial infarct size assessed with contrast-enhanced magnetic resonance imaging and left ventricular function and volumes to predict mortality in patients with healed myocardial infarction. *American Journal of Cardiology*, **2007**, 100, 930-6	3	533
352	Magnetic resonance perfusion measurements for the noninvasive detection of coronary artery disease. *Circulation*, **2003**, 108, 432-7	16.7	519
351	Standardized cardiovascular magnetic resonance (CMR) protocols 2013 update. *Journal of Cardiovascular Magnetic Resonance*, **2013**, 15, 91	6.9	494
350	Noninvasive detection of myocardial ischemia from perfusion reserve based on cardiovascular magnetic resonance. *Circulation*, **2000**, 101, 1379-83	16.7	469
349	Standardized cardiovascular magnetic resonance imaging (CMR) protocols, society for cardiovascular magnetic resonance: board of trustees task force on standardized protocols. *Journal of Cardiovascular Magnetic Resonance*, **2008**, 10, 35	6.9	447
348	Prognostic value of cardiac magnetic resonance stress tests: adenosine stress perfusion and dobutamine stress wall motion imaging. *Circulation*, **2007**, 115, 1769-76	16.7	429
347	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). *European Heart Journal*, **2019**, 40, 3297-3317	9.5	379
346	Diagnostic performance of noninvasive myocardial perfusion imaging using single-photon emission computed tomography, cardiac magnetic resonance, and positron emission tomography imaging for the detection of obstructive coronary artery disease: a meta-analysis. *Journal of the American College of Cardiology*, **2012**, 59, 1719-28	15.1	325
345	Native T1 mapping in differentiation of normal myocardium from diffuse disease in hypertrophic and dilated cardiomyopathy. *JACC: Cardiovascular Imaging*, **2013**, 6, 475-84	8.4	309
344	Magnetic resonance imaging analysis of right ventricular pressure-volume loops: in vivo validation and clinical application in patients with pulmonary hypertension. *Circulation*, **2004**, 110, 2010-6	16.7	292
343	T1-Mapping and Outcome in Nonischemic Cardiomyopathy: All-Cause Mortality and Heart Failure. *JACC: Cardiovascular Imaging*, **2016**, 9, 40-50	8.4	263
342	Comparison of dobutamine stress magnetic resonance, adenosine stress magnetic resonance, and adenosine stress magnetic resonance perfusion. *Circulation*, **2004**, 110, 835-42	16.7	259
341	Magnetic resonance low-dose dobutamine test is superior to SCAR quantification for the prediction of functional recovery. *Circulation*, **2004**, 109, 2172-4	16.7	255

340	Tissue Tracking Technology for Assessing Cardiac Mechanics: Principles, Normal Values, and Clinical Applications. *JACC: Cardiovascular Imaging*, **2015**, 8, 1444-1460	8.4	236
339	Reference values for healthy human myocardium using a T1 mapping methodology: results from the International T1 Multicenter cardiovascular magnetic resonance study. *Journal of Cardiovascular Magnetic Resonance*, **2014**, 16, 69	6.9	217
338	Standardized cardiovascular magnetic resonance imaging (CMR) protocols: 2020 update. *Journal of Cardiovascular Magnetic Resonance*, **2020**, 22, 17	6.9	213
337	Diagnostic accuracy of stress myocardial perfusion imaging compared to invasive coronary angiography with fractional flow reserve meta-analysis. *Circulation: Cardiovascular Imaging*, **2015**, 8,	3.9	211
336	Principles of cardiovascular magnetic resonance feature tracking and echocardiographic speckle tracking for informed clinical use. *Journal of Cardiovascular Magnetic Resonance*, **2016**, 18, 51	6.9	189
335	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. *New England Journal of Medicine*, **2019**, 380, 2418-2428	59.2	184
334	Inter-study reproducibility of cardiovascular magnetic resonance myocardial feature tracking. *Journal of Cardiovascular Magnetic Resonance*, **2012**, 14, 43	6.9	175
333	Functional cardiac MR imaging with steady-state free precession (SSFP) significantly improves endocardial border delineation without contrast agents. *Journal of Magnetic Resonance Imaging*, **2001**, 14, 362-7	5.6	174
332	Standardized image interpretation and post-processing in cardiovascular magnetic resonance - 2020 update : Society for Cardiovascular Magnetic Resonance (SCMR): Board of Trustees Task Force on Standardized Post-Processing. *Journal of Cardiovascular Magnetic Resonance*, **2020**, 22, 19	6.9	173
331	T1 Mapping in Characterizing Myocardial Disease: A Comprehensive Review. *Circulation Research*, **2016**, 119, 277-99	15.7	168
330	European Cardiovascular Magnetic Resonance (EuroCMR) registry--multi national results from 57 centers in 15 countries. *Journal of Cardiovascular Magnetic Resonance*, **2013**, 15, 9	6.9	165
329	Quantification of absolute myocardial perfusion in patients with coronary artery disease: comparison between cardiovascular magnetic resonance and positron emission tomography. *Journal of the American College of Cardiology*, **2012**, 60, 1546-55	15.1	164
328	High-resolution magnetic resonance myocardial perfusion imaging at 3.0-Tesla to detect hemodynamically significant coronary stenoses as determined by fractional flow reserve. *Journal of the American College of Cardiology*, **2011**, 57, 70-5	15.1	160
327	MR imaging of thrombi using EP-2104R, a fibrin-specific contrast agent: initial results in patients. *European Radiology*, **2008**, 18, 1995-2005	8	157
326	T1 Mapping in Discrimination of Hypertrophic Phenotypes: Hypertensive Heart Disease and Hypertrophic Cardiomyopathy: Findings From the International T1 Multicenter Cardiovascular Magnetic Resonance Study. *Circulation: Cardiovascular Imaging*, **2015**, 8,	3.9	147
325	Assessment of atherosclerotic plaque burden with an elastin-specific magnetic resonance contrast agent. *Nature Medicine*, **2011**, 17, 383-8	50.5	147
324	EuroCMR (European Cardiovascular Magnetic Resonance) registry: results of the German pilot phase. *Journal of the American College of Cardiology*, **2009**, 54, 1457-66	15.1	143
323	Native myocardial T1 mapping by cardiovascular magnetic resonance imaging in subclinical cardiomyopathy in patients with systemic lupus erythematosus. *Circulation: Cardiovascular Imaging*, **2013**, 6, 295-301	3.9	142

322	Native T1 in discrimination of acute and convalescent stages in patients with clinical diagnosis of myocarditis: a proposed diagnostic algorithm using CMR. *JACC: Cardiovascular Imaging*, **2015**, 8, 37-46	8.4	141
321	Imaging in population science: cardiovascular magnetic resonance in 100,000 participants of UK Biobank - rationale, challenges and approaches. *Journal of Cardiovascular Magnetic Resonance*, **2013**, 15, 46	6.9	138
320	Society for Cardiovascular Magnetic Resonance guidelines for reporting cardiovascular magnetic resonance examinations. *Journal of Cardiovascular Magnetic Resonance*, **2009**, 11, 5	6.9	138
319	Safety and feasibility of high-dose dobutamine-atropine stress cardiovascular magnetic resonance for diagnosis of myocardial ischaemia: experience in 1000 consecutive cases. *European Heart Journal*, **2004**, 25, 1230-6	9.5	134
318	Prognostic value of myocardial infarct size and contractile reserve using magnetic resonance imaging. *Journal of the American College of Cardiology*, **2009**, 54, 1770-7	15.1	133
317	Direct comparison of cardiac magnetic resonance and multidetector computed tomography stress-rest perfusion imaging for detection of coronary artery disease. *Journal of the American College of Cardiology*, **2013**, 61, 1099-107	15.1	128
316	Comparative definitions for moderate-severe ischemia in stress nuclear, echocardiography, and magnetic resonance imaging. *JACC: Cardiovascular Imaging*, **2014**, 7, 593-604	8.4	127
315	Coronary arterial stents: safety and artifacts during MR imaging. *Radiology*, **2000**, 216, 781-7	20.5	119
314	Effect of left ventricular scar size, location, and transmurality on left ventricular remodeling with healed myocardial infarction. *American Journal of Cardiology*, **2007**, 99, 1109-14	3	117
313	Epicardial adipose tissue is an independent predictor of coronary atherosclerotic burden. *International Journal of Cardiology*, **2012**, 158, 26-32	3.2	115
312	Improvement of myocardial perfusion reserve early after coronary intervention: assessment with cardiac magnetic resonance imaging. *Journal of the American College of Cardiology*, **2000**, 36, 1557-64	15.1	113
311	Rapid and complete coronary arterial tree visualization with magnetic resonance imaging: feasibility and diagnostic performance. *European Heart Journal*, **2005**, 26, 2313-9	9.5	110
310	Cardiovascular magnetic resonance myocardial feature tracking detects quantitative wall motion during dobutamine stress. *Journal of Cardiovascular Magnetic Resonance*, **2011**, 13, 58	6.9	106
309	Quantification of LV function and mass by cardiovascular magnetic resonance: multi-center variability and consensus contours. *Journal of Cardiovascular Magnetic Resonance*, **2015**, 17, 63	6.9	105
308	The influence of myocardial blood flow and volume of distribution on late Gd-DTPA kinetics in ischemic heart failure. *Journal of Magnetic Resonance Imaging*, **2004**, 20, 588-93	5.6	105
307	Standardization of T1 measurements with MOLLI in differentiation between health and disease--the ConSept study. *Journal of Cardiovascular Magnetic Resonance*, **2013**, 15, 78	6.9	104
306	Cardiac magnetic resonance imaging findings and the risk of cardiovascular events in patients with recent myocardial infarction or suspected or known coronary artery disease: a systematic review of prognostic studies. *Journal of the American College of Cardiology*, **2014**, 63, 1031-45	15.1	98
305	The intra-observer reproducibility of cardiovascular magnetic resonance myocardial feature tracking strain assessment is independent of field strength. *European Journal of Radiology*, **2013**, 82, 296-301	4.7	98

304	Quantification in cardiac MRI: advances in image acquisition and processing. *International Journal of Cardiovascular Imaging*, **2010**, 26 Suppl 1, 27-40	2.5	88
303	Validation of dynamic 3-dimensional whole heart magnetic resonance myocardial perfusion imaging against fractional flow reserve for the detection of significant coronary artery disease. *Journal of the American College of Cardiology*, **2012**, 60, 756-65	15.1	87
302	Improved accuracy of quantitative assessment of left ventricular volume and ejection fraction by geometric models with steady-state free precession. *Journal of Cardiovascular Magnetic Resonance*, **2002**, 4, 327-39	6.9	86
301	How to diagnose heart failure with preserved ejection fraction: the HFA-PEFF diagnostic algorithm: a consensus recommendation from the Heart Failure Association (HFA) of the European Society of Cardiology (ESC). *European Journal of Heart Failure*, **2020**, 22, 391-412	12.3	84
300	Comparison of magnetic resonance real-time imaging of left ventricular function with conventional magnetic resonance imaging and echocardiography. *American Journal of Cardiology*, **2001**, 87, 95-9	3	84
299	T1 and T2 Mapping in Recognition of Early Cardiac Involvement in Systemic Sarcoidosis. *Radiology*, **2017**, 285, 63-72	20.5	83
298	Cardiovascular magnetic resonance myocardial feature tracking for quantitative viability assessment in ischemic cardiomyopathy. *International Journal of Cardiology*, **2013**, 166, 413-20	3.2	83
297	Cardiac rotation and relaxation after anterolateral myocardial infarction. *Coronary Artery Disease*, **2000**, 11, 261-7	1.4	82
296	Development of a universal dual-bolus injection scheme for the quantitative assessment of myocardial perfusion cardiovascular magnetic resonance. *Journal of Cardiovascular Magnetic Resonance*, **2011**, 13, 28	6.9	81
295	Determination of interobserver variability for identifying inducible left ventricular wall motion abnormalities during dobutamine stress magnetic resonance imaging. *European Heart Journal*, **2006** , 27, 1459-64	9.5	80
294	Coronary MR imaging: breath-hold capability and patterns, coronary artery rest periods, and beta-blocker use. *Radiology*, **2006**, 239, 71-8	20.5	79
293	Aortic stiffness in the presence of self-limiting and sustained systemic inflammation: comparison of acute myocarditis and chronic inflammatory diseases. *Journal of Cardiovascular Magnetic Resonance* , **2014**, 16,	6.9	78
292	Application of a high resolution T1 mapping with MOLLI (hrMOLLI) in patients in clinical setting: a reproducibility study. *Journal of Cardiovascular Magnetic Resonance*, **2012**, 14, O82	6.9	78
291	First pass vasodilator-stress myocardial perfusion CMR in mice on a whole-body 3Tesla scanner: validation against microspheres. *Journal of Cardiovascular Magnetic Resonance*, **2012**, 14,	6.9	78
290	k-t SENSE-accelerated myocardial perfusion MR imaging at 3.0 Tesla comparison with pressure wire measurement of fractional flow reserve. *Journal of Cardiovascular Magnetic Resonance*, **2009**, 11,	6.9	78
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288	Evaluation of contrast wash-in and peak enhancement in adenosine first pass perfusion in patients post bypass surgery. *Journal of Cardiovascular Magnetic Resonance*, **2009**, 11,	6.9	78
287	Patient-specific coronary artery supply territory AHA diagrams. *Journal of Cardiovascular Magnetic Resonance*, **2009**, 11,	6.9	78

286	Cardiovascular magnetic resonance in rheumatology: Current status and recommendations for use. *International Journal of Cardiology*, **2016**, 217, 135-48	3.2	76
285	Imaging in the management of ischemic cardiomyopathy: special focus on magnetic resonance. *Journal of the American College of Cardiology*, **2012**, 59, 359-70	15.1	72
284	Use of cardiovascular magnetic resonance imaging in acute coronary syndromes. *Circulation*, **2009**, 119, 1671-81	16.7	71
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282	Noninvasive determination of coronary blood flow velocity with cardiovascular magnetic resonance in patients after stent deployment. *Circulation*, **2003**, 107, 1738-43	16.7	69
281	Coronary MR angiography with steady-state free precession: individually adapted breath-hold technique versus free-breathing technique. *Radiology*, **2004**, 232, 669-76	20.5	67
280	Visualization of the cardiac venous system using cardiac magnetic resonance. *American Journal of Cardiology*, **2008**, 101, 407-12	3	66
279	Magnetic resonance imaging-guided balloon angioplasty of coarctation of the aorta: a pilot study. *Circulation*, **2006**, 113, 1093-100	16.7	66
278	Design and rationale of the MR-INFORM study: stress perfusion cardiovascular magnetic resonance imaging to guide the management of patients with stable coronary artery disease. *Journal of Cardiovascular Magnetic Resonance*, **2012**, 14, 65	6.9	65
277	Coronary arteries: contrast-enhanced MR imaging with SH L 643A--experience in 12 volunteers. *Radiology*, **2003**, 229, 217-23	20.5	65
276	Optimization of realtime adaptive navigator correction for 3D magnetic resonance coronary angiography. *Magnetic Resonance in Medicine*, **1999**, 42, 408-11	4.4	65
275	Native T1 and ECV of Noninfarcted Myocardium and Outcome in Patients With Coronary Artery Disease. *Journal of the American College of Cardiology*, **2018**, 71, 766-778	15.1	62
274	High-dose dobutamine-atropine stress cardiovascular MR imaging after coronary revascularization in patients with wall motion abnormalities at rest. *Radiology*, **2004**, 233, 210-6	20.5	62
273	Performance of a new gadolinium-based intravascular contrast agent in free-breathing inversion-recovery 3D coronary MRA. *Magnetic Resonance in Medicine*, **2003**, 49, 115-21	4.4	62
272	Minimizing risk of nephrogenic systemic fibrosis in cardiovascular magnetic resonance. *Journal of Cardiovascular Magnetic Resonance*, **2012**, 14, 31	6.9	61
271	Society for Cardiovascular Magnetic Resonance (SCMR) expert consensus for CMR imaging endpoints in clinical research: part I - analytical validation and clinical qualification. *Journal of Cardiovascular Magnetic Resonance*, **2018**, 20, 67	6.9	61
270	Acute adverse reactions to gadolinium-based contrast agents in CMR: multicenter experience with 17,767 patients from the EuroCMR Registry. *JACC: Cardiovascular Imaging*, **2011**, 4, 1171-6	8.4	60
269	Native T1 and T2 mapping by CMR in lupus myocarditis: Disease recognition and response to treatment. *International Journal of Cardiology*, **2016**, 222, 717-726	3.2	59

268	Assessment of coronary artery stenosis severity and location: quantitative analysis of transmural perfusion gradients by high-resolution MRI versus FFR. *JACC: Cardiovascular Imaging*, **2013**, 6, 600-9	8.4	59
267	Magnetic resonance imaging-guided transcatheter implantation of a prosthetic valve in aortic valve position: Feasibility study in swine. *Journal of the American College of Cardiology*, **2004**, 44, 2247-9	15.1	57
266	Noninvasive determination of coronary blood flow velocity with magnetic resonance imaging: comparison of breath-hold and navigator techniques with intravascular ultrasound. *Magnetic Resonance in Medicine*, **1999**, 41, 544-9	4.4	56
265	Combined magnetic resonance coronary artery imaging, myocardial perfusion and late gadolinium enhancement in patients with suspected coronary artery disease. *Journal of Cardiovascular Magnetic Resonance*, **2008**, 10, 45	6.9	55
264	Diagnostic performance of myocardial perfusion MR at 3 T in patients with coronary artery disease. *Radiology*, **2008**, 247, 57-63	20.5	53
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261	Stress cardiovascular magnetic resonance: consensus panel report. *Journal of Cardiovascular Magnetic Resonance*, **2001**, 3, 267-81	6.9	52
260	Magnetic resonance stress tagging in ischemic heart disease. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 288, H2708-14	5.2	51
259	MR Imaging of Coronary Arteries and Plaques. *JACC: Cardiovascular Imaging*, **2016**, 9, 306-16	8.4	49
258	Comparison of different MRI techniques for the assessment of thoracic aortic pathology: 3D contrast enhanced MR angiography, turbo spin echo and balanced steady state free precession. *International Journal of Cardiovascular Imaging*, **2007**, 23, 747-56	2.5	49
257	Real-time MR image acquisition during high-dose dobutamine hydrochloride stress for detecting left ventricular wall-motion abnormalities in patients with coronary arterial disease. *Radiology*, **2002**, 224, 845-51	20.5	48
256	Accelerated 4D dobutamine stress MR imaging with k-t BLAST: feasibility and diagnostic performance. *Radiology*, **2006**, 241, 718-28	20.5	47
255	Aortic stiffness and interstitial myocardial fibrosis by native T1 are independently associated with left ventricular remodeling in patients with dilated cardiomyopathy. *Hypertension*, **2014**, 64, 762-8	8.5	46
254	Assessment of acute myocardial infarction: current status and recommendations from the North American society for Cardiovascular Imaging and the European Society of Cardiac Radiology. *International Journal of Cardiovascular Imaging*, **2011**, 27, 7-24	2.5	46
253	Left ventricular chamber dimensions and wall thickness by cardiovascular magnetic resonance: comparison with transthoracic echocardiography. *European Heart Journal Cardiovascular Imaging*, **2013**, 14, 240-6	4.1	45
252	Four-dimensional single breathhold magnetic resonance imaging using kt-BLAST enables reliable assessment of left- and right-ventricular volumes and mass. *Journal of Magnetic Resonance Imaging*, **2007**, 25, 737-42	5.6	45
251	CMR First-Pass Perfusion for Suspected Inducible Myocardial Ischemia. *JACC: Cardiovascular Imaging*, **2016**, 9, 1338-1348	8.4	44

250	First-pass contrast-enhanced myocardial perfusion MRI in mice on a 3-T clinical MR scanner. *Magnetic Resonance in Medicine*, **2010**, 64, 1592-8	4.4	44
249	Improved three-dimensional free-breathing coronary magnetic resonance angiography using gadocoletic acid (B-22956) for intravascular contrast enhancement. *Journal of Magnetic Resonance Imaging*, **2004**, 20, 288-93	5.6	44
248	Multicenter evaluation of dynamic three-dimensional magnetic resonance myocardial perfusion imaging for the detection of coronary artery disease defined by fractional flow reserve. *Circulation: Cardiovascular Imaging*, **2015**, 8,	3.9	43
247	CAD detection in patients with intermediate-high pre-test probability: low-dose CT delayed enhancement detects ischemic myocardial scar with moderate accuracy but does not improve performance of a stress-rest CT perfusion protocol. *JACC: Cardiovascular Imaging*, **2013**, 6, 1062-1071	8.4	43
246	Comparison of MOLLI, shMOLLLI, and SASHA in discrimination between health and disease and relationship with histologically derived collagen volume fraction. *European Heart Journal Cardiovascular Imaging*, **2018**, 19, 768-776	4.1	40
245	Coronary vessel wall contrast enhancement imaging as a potential direct marker of coronary involvement: integration of findings from CAD and SLE patients. *JACC: Cardiovascular Imaging*, **2014**, 7, 762-70	8.4	40
244	Copeptin as a prognostic factor for major adverse cardiovascular events in patients with coronary artery disease. *International Journal of Cardiology*, **2012**, 162, 27-32	3.2	39
243	Training and accreditation in cardiovascular magnetic resonance in Europe: a position statement of the working group on cardiovascular magnetic resonance of the European Society of Cardiology. *European Heart Journal*, **2011**, 32, 793-8	9.5	39
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241	Fast and Fully Automatic Left Ventricular Segmentation and Tracking in Echocardiography Using Shape-Based B-Spline Explicit Active Surfaces. *IEEE Transactions on Medical Imaging*, **2017**, 36, 2287-2296	11.7	38
240	Inter-study reproducibility of left ventricular torsion and torsion rate quantification using MR myocardial feature tracking. *Journal of Magnetic Resonance Imaging*, **2016**, 43, 128-37	5.6	38
239	Perfusion phantom: An efficient and reproducible method to simulate myocardial first-pass perfusion measurements with cardiovascular magnetic resonance. *Magnetic Resonance in Medicine*, **2013**, 69, 698-707	4.4	37
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236	MR myocardial perfusion imaging with k-space and time broad-use linear acquisition speed-up technique: feasibility study. *Radiology*, **2007**, 245, 863-71	20.5	36
235	Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic: Ramping Up Safely to a New Normal. *JACC: Cardiovascular Imaging*, **2020**, 13, 1615-1626	8.4	35
234	Elevated plasma levels of neuropeptide proenkephalin a predict mortality and functional outcome in ischemic stroke. *Journal of the American College of Cardiology*, **2012**, 60, 346-54	15.1	35
233	A new approach for rapid assessment of the cardiac rest period for coronary MRA. *Journal of Cardiovascular Magnetic Resonance*, **2005**, 7, 395-9	6.9	35

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230	Cardiac magnetic resonance imaging to guide complex revascularization in stable coronary artery disease. *European Heart Journal*, **2010**, 31, 2209-15	9.5	32
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228	Ischemic burden by 3-dimensional myocardial perfusion cardiovascular magnetic resonance: comparison with myocardial perfusion scintigraphy. *Circulation: Cardiovascular Imaging*, **2014**, 7, 647-54	3.9	31
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225	Cardiac magnetic resonance myocardial perfusion imaging for detection of functionally significant obstructive coronary artery disease: a prospective study. *International Journal of Cardiology*, **2013**, 168, 765-73	3.2	30
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221	Impact of an abdominal belt on breathing patterns and scan efficiency in whole-heart coronary magnetic resonance angiography: comparison between the UK and Japan. *Journal of Cardiovascular Magnetic Resonance*, **2011**, 13, 71	6.9	29
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217	Assessment of tissue perfusion in the lower limb: current methods and techniques under development. *Circulation: Cardiovascular Imaging*, **2014**, 7, 836-43	3.9	28
216	Prevalence of myocardial crypts in a large retrospective cohort study by cardiovascular magnetic resonance. *Journal of Cardiovascular Magnetic Resonance*, **2014**, 16, 66	6.9	28
215	Cardiac MRI to investigate myocardial scar and coronary venous anatomy using a slow infusion of dimeglumine gadobenate in patients undergoing assessment for cardiac resynchronization therapy. *Journal of Magnetic Resonance Imaging*, **2011**, 33, 87-95	5.6	28

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212	COVID-19 myocarditis and prospective heart failure burden. *Expert Review of Cardiovascular Therapy*, **2021**, 19, 5-14	2.5	27
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208	Quantification of myocardial perfusion using free-breathing MRI and prospective slice tracking. *Magnetic Resonance in Medicine*, **2009**, 61, 734-8	4.4	24
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206	Blood Oxygenation Level-Dependent CMR-Derived Measures in Critical Limb Ischemia and Changes With Revascularization. *Journal of the American College of Cardiology*, **2016**, 67, 420-431	15.1	23
205	Platelet expression of stromal-cell-derived factor-1 (SDF-1): an indicator for ACS?. *International Journal of Cardiology*, **2013**, 164, 111-5	3.2	23
204	Myocardial feature tracking reduces observer-dependence in low-dose dobutamine stress cardiovascular magnetic resonance. *PLoS ONE*, **2015**, 10, e0122858	3.7	23
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202	Sandwich immunoassay for soluble glycoprotein VI in patients with symptomatic coronary artery disease. *Clinical Chemistry*, **2011**, 57, 898-904	5.5	23
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