Eike Nagel

List of Publications by Year
in descending order

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403 papers	26,523 citations	10070 75 h-index	8212 153 g-index
435 all docs	435 docs citations	435 times ranked	18486 citing authors

#	Article	IF	Citations
1	Myocardial viability testing: all STICHed up, or about to be REVIVED?. European Heart Journal, 2022, 43, 118-126.	1.0	21
2	Evidence-based cardiovascular magnetic resonance cost-effectiveness calculator for the detection of significant coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 1.	1.6	15
3	Determination of scar area using native and post-contrast T1 mapping: Agreement with late gadolinium enhancement. European Journal of Radiology, 2022, 150, 110242.	1.2	1
4	Society for Cardiovascular Magnetic Resonance (SCMR) guidelines for reporting cardiovascular magnetic resonance examinations. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 29.	1.6	13
5	Cardiac troponin T and NT-proBNP for detecting myocardial ischemia in suspected chronic coronary syndrome. International Journal of Cardiology, 2022, , .	0.8	1
6	Functional stress imaging to predict abnormal coronary fractional flow reserve: the PACIFIC 2 study. European Heart Journal, 2022, 43, 3118-3128.	1.0	26
7	COVID-19 myocarditis and prospective heart failure burden. Expert Review of Cardiovascular Therapy, 2021, 19, 5-14.	0.6	50
8	Quantitative perfusion-CMR is significantly influenced by the placement of the arterial input function. International Journal of Cardiovascular Imaging, 2021, 37, 1023-1031.	0.7	6
9	Development, validation, and implementation of biomarker testing in cardiovascular medicine state-of-the-art: proceedings of the European Society of Cardiologyâ€"Cardiovascular Round Table. Cardiovascular Research, 2021, 117, 1248-1256.	1.8	11
10	Left atrial strain: a multi-modality, multi-vendor comparison study. European Heart Journal Cardiovascular Imaging, 2021, 22, 102-110.	0.5	40
11	Why CMR Should Be the Technique of Choice in Patients With Stable Chest Pain. JACC: Cardiovascular Imaging, 2021, 14, 987-989.	2.3	0
12	Myocardial T1-mapping and extracellular volume in pulmonary arterial hypertension: A systematic review and meta-analysis. Magnetic Resonance Imaging, 2021, 79, 66-75.	1.0	16
13	Cardiac biomarkers in chronic kidney disease are independently associated with myocardial edema and diffuse fibrosis by cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 71.	1.6	18
14	Myocardial Fibrosis and Inflammation by CMR Predict Cardiovascular Outcome in People Living With HIV. JACC: Cardiovascular Imaging, 2021, 14, 1548-1557.	2.3	26
15	Novel Approaches Toward a Physiological Stress Test Without Contrast Agent for CMR Imaging. JACC: Cardiovascular Imaging, 2021, 14, 1945-1947.	2.3	0
16	The Future of Cardiac Magnetic Resonance Clinical Trials. JACC: Cardiovascular Imaging, 2021, , .	2.3	6
17	Cardiac CT After Coronary Revascularization. JACC: Cardiovascular Imaging, 2020, 13, 743-745.	2.3	3
18	CMR in Nonischemic Myocardial Inflammation. JACC: Cardiovascular Imaging, 2020, 13, 163-166.	2.3	12

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19	Cardiac Imaging in the Post-ISCHEMIA Trial Era. JACC: Cardiovascular Imaging, 2020, 13, 1815-1833.	2.3	21
20	Outcomes of Cardiovascular Magnetic Resonance Imaging in Patients Recently Recovered From Coronavirus Disease 2019 (COVID-19). JAMA Cardiology, 2020, 5, 1265.	3.0	1,659
21	Left Ventricular Hypertrabeculation Is Not Associated With Cardiovascular Morbity or Mortality: Insights From the Eurocmr Registry. Frontiers in Cardiovascular Medicine, 2020, 7, 158.	1.1	11
22	Stress-Only CMR. JACC: Cardiovascular Imaging, 2020, 13, 1296-1298.	2.3	6
23	Multimodality Cardiovascular Imaging in the Midst of the COVID-19 Pandemic. JACC: Cardiovascular Imaging, 2020, 13, 1615-1626.	2.3	56
24	Standardized image interpretation and post-processing in cardiovascular magnetic resonance - 2020 update. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 19.	1.6	467
25	How to diagnose heart failure with preserved ejection fraction: the HFAâ€"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.	2.9	193
26	Native T1 and T2 provide distinctive signatures in hypertrophic cardiac conditions â€" Comparison of uremic, hypertensive and hypertrophic cardiomyopathy. International Journal of Cardiology, 2020, 306, 102-108.	0.8	39
27	Circulating Th17 and Th22 Cells Are Associated With CMR Imaging Biosignatures of Diffuse Myocardial Interstitial Remodeling in Chronic Coronary Artery Disease. Circulation Research, 2020, 127, 699-701.	2.0	5
28	Sub-segmental quantification of single (stress)-pass perfusion CMR improves the diagnostic accuracy for detection of obstructive coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 14.	1.6	14
29	Standardized cardiovascular magnetic resonance imaging (CMR) protocols: 2020 update. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 17.	1.6	550
30	CMR in Pericardial Diseases - an Update. Current Cardiovascular Imaging Reports, 2020, 13, 1.	0.4	17
31	Contemporary Cardiac MRI in Chronic Coronary Artery Disease. European Cardiology Review, 2020, 15, e50.	0.7	13
32	Prevalence and prognostic impact of nonischemic late gadolinium enhancement in stress cardiac magnetic resonance. Journal of Cardiovascular Medicine, 2020, 21, 980-985.	0.6	1
33	Global Longitudinal Shortening. JACC: Cardiovascular Imaging, 2019, 12, 1566-1567.	2.3	19
34	Aortic stiffness is independently associated with interstitial myocardial fibrosis by native T1 and accelerated in the presence of chronic kidney disease. IJC Heart and Vasculature, 2019, 24, 100389.	0.6	19
35	Controversies in Diagnostic Imaging of Patients With Suspected Stable and Acute Chest Pain Syndromes. JACC: Cardiovascular Imaging, 2019, 12, 1254-1278.	2.3	6
36	Range Variability in CMR Feature Tracking Multilayer Strain across Different Stages of Heart Failure. Scientific Reports, 2019, 9, 16478.	1.6	20

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37	Clinical indications for cardiovascular magnetic resonance. Heart, 2019, 105, 1755-1762.	1.2	11
38	How to diagnose heart failure with preserved ejection fraction: the HFAâ€"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.	1.0	944
39	Magnetic Resonance Perfusion or Fractional Flow Reserve in Coronary Disease. New England Journal of Medicine, 2019, 380, 2418-2428.	13.9	326
40	Cardiac MRI: a Promising Diagnostic Tool to Detect Cancer Therapeuticsâ€"Related Cardiac Dysfunction. Current Cardiovascular Imaging Reports, 2019, 12, 1.	0.4	0
41	Towards standardized postprocessing of global longitudinal strain by feature tracking â€" OptiStrain CMR-FT study. BMC Cardiovascular Disorders, 2019, 19, 267.	0.7	10
42	Are We Ready to Treat Dilated Cardiomyopathy Differently, Using LGE Guidance?. JACC: Cardiovascular Imaging, 2019, 12, 1656-1658.	2.3	0
43	Improved long-term durability of allogeneic heart valves in the orthotopic sheep model. European Journal of Cardio-thoracic Surgery, 2019, 55, 484-493.	0.6	19
44	CMR imaging biosignature of cardiac involvement due to cancer-related treatment by T1 and T2 mapping. International Journal of Cardiology, 2019, 275, 179-186.	0.8	60
45	Towards the Clinical Management of Cardiac Involvement in Systemic Inflammatory Conditionsâ€"a Central Role for CMR. Current Cardiovascular Imaging Reports, 2018, 11, 1.	0.4	6
46	Native T1 and ECV of Noninfarcted Myocardium and Outcome in Patients WithÂCoronary ArteryÂDisease. Journal of the American College of Cardiology, 2018, 71, 766-778.	1.2	100
47	A Strain by Any Other Tracking Would Perform as Sweet?. JACC: Cardiovascular Imaging, 2018, 11, 288-289.	2.3	3
48	Is Global Longitudinal Strain a Superior Parameter for Predicting Outcome After Myocardial Infarction?. JACC: Cardiovascular Imaging, 2018, 11, 1458-1460.	2.3	7
49	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.	0.5	56
50	Imaging the myocardial ischemic cascade. International Journal of Cardiovascular Imaging, 2018, 34, 1249-1263.	0.7	34
51	T1 and T2 mapping in myocarditis: seeing beyond the horizon of Lake Louise criteria and histopathology. Expert Review of Cardiovascular Therapy, 2018, 16, 319-330.	0.6	20
52	Role of Cardiac Magnetic Resonance in Heart Failure with Preserved Ejection Fraction. Current Cardiovascular Imaging Reports, 2018, 11, 1.	0.4	4
53	Impact of T-cell-mediated immune response on xenogeneic heart valve transplantation: short-term success and mid-term failure. European Journal of Cardio-thoracic Surgery, 2018, 53, 784-792.	0.6	8
54	Definition of Left Ventricular Segments for Cardiac Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2018, 11, 926-928.	2.3	23

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55	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.	1.6	101
56	Cardiac Troponin T Concentrations, Reversible Myocardial Ischemia, and Indices of Left Ventricular Remodeling in Patients with Suspected Stable Angina Pectoris: a DOPPLER-CIP Substudy. Clinical Chemistry, 2018, 64, 1370-1379.	1.5	15
57	High-sensitive troponin is associated with subclinical imaging biosignature of inflammatory cardiovascular involvement in systemic lupus erythematosus. Annals of the Rheumatic Diseases, 2018, 77, 1590-1598.	0.5	48
58	Dual-energy CT of the heart current and future status. European Journal of Radiology, 2018, 105, 110-118.	1.2	29
59	Is it Time to Look Beyond the Valve and Ventricular Function for Assessing Patients With Aortic Stenosis?. JACC: Cardiovascular Imaging, 2018, 11, 1041-1043.	2.3	0
60	Automatic T2* determination for quantification of iron load in heart and liver: a comparison between automatic inline Maximum Likelihood Estimate and the truncation and offset methods. Clinical Physiology and Functional Imaging, 2017, 37, 299-304.	0.5	4
61	Comparative Effectiveness Trials of Imaging-Guided Strategies in StableÂIschemic Heart Disease. JACC: Cardiovascular Imaging, 2017, 10, 321-334.	2.3	22
62	Can Stress CMR Impact Care in the EraÂAfter COURAGE and FAME-2?. JACC: Cardiovascular Imaging, 2017, 10, 538-540.	2.3	2
63	T1 and T2 Mapping in Recognition of Early Cardiac Involvement in Systemic Sarcoidosis. Radiology, 2017, 285, 63-72.	3.6	126
64	Quantitative assessment of left ventricular mechanical dyssynchrony using cine cardiovascular magnetic resonance imaging: Inter-study reproducibility. JRSM Cardiovascular Disease, 2017, 6, 204800401771014.	0.4	11
65	The assessment of ischaemic burden: validation of a functional jeopardy score against cardiovascular magnetic resonance perfusion imaging. Clinical Research in Cardiology, 2017, 106, 259-270.	1.5	6
66	Correlation of Fractional Flow Reserve With Ischemic Burden Measured by Cardiovascular Magnetic Resonance Perfusion Imaging. American Journal of Cardiology, 2017, 120, 1913-1919.	0.7	6
67	Overcoming the difficulties to adequately detect myocardial ischaemia in women. European Heart Journal Cardiovascular Imaging, 2017, 18, 1107-1108.	0.5	2
68	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.	5.4	56
69	The effect of initial teaching on evaluation of left ventricular volumes by cardiovascular magnetic resonance imaging: comparison between complete and intermediate beginners and experienced observers. BMC Medical Imaging, 2017, 17, 33.	1.4	5
70	Clinical evaluation of threeâ€dimensional late enhancement MRI. Journal of Magnetic Resonance Imaging, 2017, 45, 1675-1683.	1.9	14
71	Contrast-enhanced magnetic resonance imaging for the detection of ruptured coronary plaques in patients with acute myocardial infarction. PLoS ONE, 2017, 12, e0188292.	1.1	12
72	Microvascular ischemia in hypertrophic cardiomyopathy: new insights from high-resolution combined quantification of perfusion and late gadolinium enhancement. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 4.	1.6	43

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73	T1 Mapping in Characterizing Myocardial Disease. Circulation Research, 2016, 119, 277-299.	2.0	241
74	Moving Toward the Optimal Test for the Assessment of Myocardial Ischemia. Journal of the American Heart Association, 2016, 5, .	1.6	1
75	Perfusion cardiovascular magnetic resonance and fractional flow reserve in patients with angiographic multi-vessel coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 44.	1.6	17
76	Cardiovascular magnetic resonance in rheumatology: Current status and recommendations for use. International Journal of Cardiology, 2016, 217, 135-148.	0.8	114
77	Cardiac Positron Emission Tomography: a Clinical Perspective. Current Cardiovascular Imaging Reports, 2016, 9, 1.	0.4	1
78	Inter-study reproducibility of left ventricular torsion and torsion rate quantification using MR myocardial feature tracking. Journal of Magnetic Resonance Imaging, 2016, 43, 128-137.	1.9	49
79	Cardiovascular Magnetic Resonance in Diabetic Patients. Circulation: Cardiovascular Imaging, 2016, 9, e004699.	1.3	2
80	Principles of cardiovascular magnetic resonance feature tracking and echocardiographic speckle tracking for informed clinical use. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 51.	1.6	279
81	Validation of a new t2* algorithm and its uncertainty value for cardiac and liver iron load determination from MRI magnitude images. Magnetic Resonance in Medicine, 2016, 75, 1717-1729.	1.9	9
82	Native T1 and T2 mapping by CMR in lupus myocarditis: Disease recognition and response to treatment. International Journal of Cardiology, 2016, 222, 717-726.	0.8	75
83	Deciphering cardiac involvement in systemic inflammatory diseases: noninvasive tissue characterisation using cardiac magnetic resonance is key to improved patientsâ€™ care. Expert Review of Cardiovascular Therapy, 2016, 14, 1283-1295.	0.6	12
84	CMR First-Pass Perfusion for Suspected Inducible Myocardial Ischemia. JACC: Cardiovascular Imaging, 2016, 9, 1338-1348.	2.3	51
85	T1 and T2 Mapping inÂNonischemic Cardiomyopathies and Agreement With Endomyocardial Biopsy. Journal of the American College of Cardiology, 2016, 68, 1923-1924.	1.2	9
86	Standardised postprocessing of native T2 in detection and discrimination of myocarditis - comparison with native T1 mapping. Journal of Cardiovascular Magnetic Resonance, 2016, 18, O14.	1.6	5
87	Blood Oxygenation Level-Dependent CMR-Derived Measures in Critical LimbÂIschemia and Changes With Revascularization. Journal of the American College of Cardiology, 2016, 67, 420-431.	1.2	29
88	Native T1 in deciphering the reversible myocardial inflammation in cardiac sarcoidosis with anti-inflammatory treatment. International Journal of Cardiology, 2016, 203, 459-462.	0.8	13
89	Refractory ischaemic chest pain caused by microvascular coronary dysfunction in a large vessel vasculitis. European Heart Journal Cardiovascular Imaging, 2016, 17, 702-702.	0.5	3
90	MR Imaging of Coronary Arteries and Plaques. JACC: Cardiovascular Imaging, 2016, 9, 306-316.	2.3	64

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91	Is Myocardial Native T1 the One Answer for All?. JACC: Cardiovascular Imaging, 2016, 9, 37-39.	2.3	9
92	T1-Mapping and Outcome in NonischemicÂCardiomyopathy. JACC: Cardiovascular Imaging, 2016, 9, 40-50.	2.3	380
93	Perfusion dyssynchrony analysis. European Heart Journal Cardiovascular Imaging, 2016, 17, 1414-1423.	0.5	6
94	Multi-centre validation of an automatic algorithm for fast 4D myocardial segmentation in cine CMR datasets. European Heart Journal Cardiovascular Imaging, 2016, 17, 1118-1127.	0.5	14
95	Diagnostic performance of image navigated coronary CMR angiography in patients with coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 68.	1.6	21
96	High-throughput gadobutrol-enhanced CMR: a time and dose optimization study. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 83.	1.6	38
97	â€˜Image-navigated 3-dimensional late gadolinium enhancement cardiovascular magnetic resonance imaging: feasibility and initial clinical resultsâ€˜. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 97.	1.6	30
98	Advances in Cardiovascular MRI using Quantitative Tissue Characterisation Techniques: Focus on Myocarditis. European Cardiology Review, 2016, 11, 20.	0.7	2
99	Quantification of LV function and mass by cardiovascular magnetic resonance: multi-center variability and consensus contours. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 63.	1.6	135
100	Myocardial Feature Tracking Reduces Observer-Dependence in Low-Dose Dobutamine Stress Cardiovascular Magnetic Resonance. PLoS ONE, 2015, 10, e0122858.	1.1	29
101	T1 mapping in myocarditis â€“ headway to a new era for cardiovascular magnetic resonance. Expert Review of Cardiovascular Therapy, 2015, 13, 871-874.	0.6	13
102	Noninvasive anatomical and functional assessment of coronary artery disease. Revista Portuguesa De Cardiologia (English Edition), 2015, 34, 223-232.	0.2	2
103	Microsphere skimming in the porcine coronary arteries: Implications for flow quantification. Microvascular Research, 2015, 100, 59-70.	1.1	9
104	Influence of spatial resolution on the accuracy of quantitative myocardial perfusion in first pass stress perfusion CMR. Magnetic Resonance in Medicine, 2015, 73, 1623-1631.	1.9	9
105	Tissue Tracking Technology for Assessing Cardiac Mechanics. JACC: Cardiovascular Imaging, 2015, 8, 1444-1460.	2.3	343
106	T1 Mapping in Discrimination of Hypertrophic Phenotypes: Hypertensive Heart Disease and Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2015, 8, .	1.3	200
107	Abnormal Myocardial Perfusion in Kawasaki Disease Convalescence. JACC: Cardiovascular Imaging, 2015, 8, 106-108.	2.3	18
108	Diagnostic Accuracy of Stress Myocardial Perfusion Imaging Compared to Invasive Coronary Angiography With Fractional Flow Reserve Meta-Analysis. Circulation: Cardiovascular Imaging, 2015, 8, .	1.3	314

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109	Predicting Periprocedural Injury. JACC: Cardiovascular Imaging, 2015, 8, 750-752.	2.3	0
110	Noninvasive anatomical and functional assessment of coronary artery disease. Revista Portuguesa De Cardiologia, 2015, 34, 223-232.	0.2	5
111	T1 values by conservative septal postprocessing approach are superior in relating to the interstitial myocardial fibrosis: findings from patients with severe aortic stenosis. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P49.	1.6	9
112	Quantification of atrial dynamics using cardiovascular magnetic resonance: inter-study reproducibility. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 36.	1.6	58
113	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, .	1.3	58
114	A quantitative high resolution voxel-wise assessment of myocardial blood flow from contrast-enhanced first-pass magnetic resonance perfusion imaging: microsphere validation in a magnetic resonance compatible free beating explanted pig heart model. European Heart Journal Cardiovascular Imaging, 2015, 16, 1082-1092.	0.5	24
115	Native T1 in Discrimination of Acute and Convalescent Stages in Patients With ClinicalÂDiagnosis of Myocarditis. JACC: Cardiovascular Imaging, 2015, 8, 37-46.	2.3	177
116	Ischemic Burden and Clinical Outcome: Is One â€˜Culpritâ€™ Ischemic Segment by Dobutamine Stress Magnetic Resonance Predictive?. PLoS ONE, 2014, 9, e115182.	1.1	4
117	Aâ€…Unravelling the Mechanisms of Exercise Induced Ischaemia, its Optimal Assessment, and Alleviation with Nitroglycerine. Heart, 2014, 100, A124.2-A125.	1.2	1
118	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.	1.6	262
119	Quantitative assessment of magnetic resonance derived myocardial perfusion measurements using advanced techniques: microsphere validation in an explanted pig heart system. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 82.	1.6	23
120	Three-dimensional balanced steady state free precession myocardial perfusion cardiovascular magnetic resonance at 3T using dual-source parallel RF transmission: initial experience. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 90.	1.6	16
121	Anatomical versus functional assessment of coronary artery disease: direct comparison of computed tomography coronary angiography and magnetic resonance myocardial perfusion imaging in patients with intermediate pre-test probability. International Journal of Cardiovascular Imaging, 2014, 30, 1589-1597.	0.7	11
122	Simplifying cardiovascular magnetic resonance pulse sequence terminology. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 3960.	1.6	9
123	Prevalence of myocardial crypts in a large retrospective cohort study by cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2014, 16, 66.	1.6	40
124	Chemotherapy-related cardiomyopathy in acute myeloid leukaemia assessed by cardiovascular magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2014, 15, 1410-1410.	0.5	3
125	Time-resolved volumetric MRI blood flow: a Doppler ultrasound perspective. , 2014, , .		0
126	Contrast-enhanced cardiovascular magnetic resonance imaging of coronary vessel wall: state of art. Expert Review of Cardiovascular Therapy, 2014, 12, 255-263.	0.6	5

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127	Individualized cardiovascular risk assessment by cardiovascular magnetic resonance. Future Cardiology, 2014, 10, 273-289.	0.5	20
128	Automatic selection of optimal Savitzky-Golay filter parameters for Coronary Wave Intensity Analysis. , 2014, 2014, 5056-9.		10
129	Aortic Stiffness and Interstitial Myocardial Fibrosis by Native T1 Are Independently Associated With Left Ventricular Remodeling in Patients With Dilated Cardiomyopathy. Hypertension, 2014, 64, 762-768.	1.3	50
130	Native T1 values in discrimination of subclinical profibrotic phenotype in relatives of patients with hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P241.	1.6	1
131	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, O78.	1.6	0
132	Age-gender normal values of native and post-contrast myocardial T1 relaxation times (lambda) on 1.5T and 3T using MOLLI: a multicenter, single vendor cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2014, 16, P23.	1.6	4
133	Myocardial T2 mapping for improved detection of inflammatory myocardial involvement in acute and chronic myocarditis. Journal of Cardiovascular Magnetic Resonance, 2014, 16, O63.	1.6	4
134	Cardiac Magnetic Resonance Imaging Findings and the Risk of Cardiovascular Events in Patients With Recent Myocardial Infarction or Suspected or Known Coronary Artery Disease. Journal of the American College of Cardiology, 2014, 63, 1031-1045.	1.2	117
135	The assessment of ischaemic burden: thoughts on definition and quantification. European Heart Journal Cardiovascular Imaging, 2014, 15, 610-611.	0.5	7
136	Reply. Journal of the American College of Cardiology, 2014, 64, 2070.	1.2	0
137	Effects of Tracer Arrival Time on the Accuracy of High-Resolution (Voxel-Wise) Myocardial Perfusion Maps from Contrast-Enhanced First-Pass Perfusion Magnetic Resonance. IEEE Transactions on Biomedical Engineering, 2014, 61, 2499-2506.	2.5	15
138	Assessment of Tissue Perfusion in the Lower Limb. Circulation: Cardiovascular Imaging, 2014, 7, 836-843.	1.3	51
139	130â€...Reproducibility of T1 and T2 Mapping in Health and Disease, and Assessment of T2 Variability Across the Normal Myocardium. Heart, 2014, 100, A76.1-A76.	1.2	5
140	Coronary Vessel Wall Contrast Enhancement Imaging as a Potential DirectÂMarker of Coronary Involvement. JACC: Cardiovascular Imaging, 2014, 7, 762-770.	2.3	46
141	PET/CT and MR imaging biomarker of lipid-rich plaques using [64Cu]-labeled scavenger receptor (CD68-Fc). International Journal of Cardiology, 2014, 177, 287-291.	0.8	21
142	Ischemic Burden by 3-Dimensional Myocardial Perfusion Cardiovascular Magnetic Resonance. Circulation: Cardiovascular Imaging, 2014, 7, 647-654.	1.3	39
143	Enhancing coronary Wave Intensity Analysis robustness by high order central finite differences. Artery Research, 2014, 8, 98.	0.3	9
144	Does Dobutamine Stress Perfusion Imaging Solve the Riddle ofÂIschemia in LBBB?. JACC: Cardiovascular Imaging, 2014, 7, 499-501.	2.3	0

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145	Comparative Definitions for Moderate-Severe Ischemia in Stress Nuclear, Echocardiography, and Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2014, 7, 593-604.	2.3	168
146	Perfusion phantom: An efficient and reproducible method to simulate myocardial firstâ€pass perfusion measurements with cardiovascular magnetic resonance. Magnetic Resonance in Medicine, 2013, 69, 698-707.	1.9	43
147	Native T1 Mapping in Differentiation of Normal Myocardium From Diffuse Disease in Hypertrophic and Dilated Cardiomyopathy. JACC: Cardiovascular Imaging, 2013, 6, 475-484.	2.3	386
148	Comparison of MR and CT for the Assessment of the Significance of Coronary Artery Disease: a Review. Current Cardiovascular Imaging Reports, 2013, 6, 102-116.	0.4	2
149	A Critical Review of Different Imaging Methods for the Assessment of Myocardial Ischemia. Current Cardiovascular Imaging Reports, 2013, 6, 117-127.	0.4	3
150	Magnetic Resonance Coronary Angiography: Where Are We Today?. Current Cardiology Reports, 2013, 15, 328.	1.3	19
151	Quantitative myocardial perfusion imaging by cardiovascular magnetic resonance and positron emission tomography. Journal of Nuclear Cardiology, 2013, 20, 860-870.	1.4	20
152	Myocardial perfusion distribution and coronary arterial pressure and flow signals: clinical relevance in relation to multiscale modeling, a review. Medical and Biological Engineering and Computing, 2013, 51, 1271-1286.	1.6	9
153	Gender differences in pulse wave velocity in young healthy adults at rest and exercise - the WellHeart Study. Journal of Cardiovascular Magnetic Resonance, 2013, 15, E83.	1.6	1
154	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.	1.6	188
155	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.	1.6	1,037
156	European cardiovascular magnetic resonance (EuroCMR) registry â€“ multi national results from 57 centers in 15 countries. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 9.	1.6	208
157	Assessment of Coronary Artery Stenosis Severity and Location. JACC: Cardiovascular Imaging, 2013, 6, 600-609.	2.3	65
158	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, 1099-1107.	1.2	147
159	Standardized cardiovascular magnetic resonance (CMR) protocols 2013 update. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 91.	1.6	599
160	Hyperemic stress myocardial perfusion cardiovascular magnetic resonance in mice at 3 Tesla: initial experience and validation against microspheres. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 62.	1.6	13
161	Standardization of T1 measurements with MOLLI in differentiation between health and disease â€“ the ConSept study. Journal of Cardiovascular Magnetic Resonance, 2013, 15, 78.	1.6	133
162	CV Imaging: What Was New in 2012?. JACC: Cardiovascular Imaging, 2013, 6, 714-734.	2.3	12

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163	Comprehensive Assessment of Myocardial Fibroma by Cardiovascular Magnetic Resonance Imaging. Revista Espanola De Cardiologia (English Ed), 2013, 66, 820.	0.4	0
164	Cardiovascular magnetic resonance myocardial feature tracking for quantitative viability assessment in ischemic cardiomyopathy. International Journal of Cardiology, 2013, 166, 413-420.	0.8	97
165	Reply. Journal of the American College of Cardiology, 2013, 62, 353.	1.2	0
166	Incremental value of adenosine stress cardiac magnetic resonance in coronary artery disease detection. International Journal of Cardiology, 2013, 168, 4160-4167.	0.8	13
167	CAD Detection in Patients With Intermediate-High Pre-Test Probability. JACC: Cardiovascular Imaging, 2013, 6, 1062-1071.	2.3	49
168	Evolution and Revolution in CMR Imaging. JACC: Cardiovascular Imaging, 2013, 6, 837-838.	2.3	10
169	Four-dimensional image processing of myocardial CT perfusion for improved image quality and noise reduction. Journal of Cardiovascular Computed Tomography, 2013, 7, 110-116.	0.7	4
170	Platelet expression of stromal-cell-derived factor-1 (SDF-1): An indicator for ACS?. International Journal of Cardiology, 2013, 164, 111-115.	0.8	26
171	A Bi-Center Cardiovascular Magnetic Resonance Prognosis Study Focusing on Dobutamine Wall Motion and Late Gadolinium Enhancement in 3,138 Consecutive Patients. Journal of the American College of Cardiology, 2013, 61, 2310-2312.	1.2	33
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