

Heiko Mahrholdt

List of Publications by Year in Descending Order

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

84
papers

14,169
citations

34
h-index

88
g-index

88
ext. papers

16,671
ext. citations

7.5
avg, IF

5.45
L-index

#	Paper	IF	Citations
84	Myocarditis in athletes: A clinical perspective. <i>European Journal of Preventive Cardiology</i> , 2020 , 20474873-20909670	3.9	18
83	Varicose cardiac veins in a case of persistent left superior vena cava and stenosis of the coronary sinus ostium. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 786	4.1	
82	Impact of baseline calibration on semiquantitative assessment of myocardial perfusion reserve by adenosine stress MRI. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 521-532	2.5	1
81	Long-Term Follow-Up in Patients With Stable Angina and Unobstructed Coronary Arteries Undergoing Intracoronary Acetylcholine Testing. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1865-1876	5	15
80	Predictors of Mortality in Patients With Biopsy-Proven Viral Myocarditis: 10-Year Outcome Data. <i>Journal of the American Heart Association</i> , 2020 , 9, e015351	6	12
79	Adenosine stress perfusion cardiac magnetic resonance imaging in patients undergoing intracoronary bone marrow cell transfer after ST-elevation myocardial infarction: the BOOST-2 perfusion substudy. <i>Clinical Research in Cardiology</i> , 2020 , 109, 539-548	6.1	1
78	Impact of caffeine on myocardial perfusion reserve assessed by semiquantitative adenosine stress perfusion cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019 , 21, 33	6.9	5
77	Time-Dependent Myocardial Necrosis in Patients With ST-Segment-Elevation Myocardial Infarction Without Angiographic Collateral Flow Visualized by Cardiac Magnetic Resonance Imaging: Results From the Multicenter STEMI-SCAR Project. <i>Journal of the American Heart Association</i> , 2019 , 8, e012429	6	17
76	Value of adenosine stress cardiovascular magnetic resonance in the evaluation of vessels supplying previously infarcted territories. <i>Coronary Artery Disease</i> , 2019 , 30, 222-231	1.4	
75	T1 and T2 mapping for evaluation of myocardial involvement in patients with ANCA-associated vasculitides. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 6	6.9	28
74	Advanced myocardial tissue characterisation by a multi-component CMR protocol in patients with rheumatoid arthritis. <i>European Radiology</i> , 2017 , 27, 4639-4649	8	10
73	Effects of caffeine on the detection of ischemia in patients undergoing adenosine stress cardiovascular magnetic resonance imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 103	6.9	10
72	Predictors of outcome in patients with parvovirus B19 positive endomyocardial biopsy. <i>Clinical Research in Cardiology</i> , 2016 , 105, 37-52	6.1	16
71	Cardiac involvement in patients with rheumatic disorders: Data of the RHEU-M(A)R study. <i>International Journal of Cardiology</i> , 2016 , 224, 37-49	3.2	11
70	Comprehensive Cardiovascular Magnetic Resonance Assessment in Patients With Sarcoidosis and Preserved Left Ventricular Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	34
69	Evaluation of myocardial involvement in patients with connective tissue disorders: a multi-parametric cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016 , 18, 67	6.9	17
68	Cost-minimization analysis of three decision strategies for cardiac revascularization: results of the "suspected CAD" cohort of the european cardiovascular magnetic resonance registry. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016 , 18, 3	6.9	29

67	Recent advances in cardiac magnetic resonance. <i>F1000Research</i> , 2016 , 5,	3.6	6
66	Testing in Patients With Stable Coronary Artery Disease - The Debate Continues. <i>Circulation Journal</i> , 2016 , 80, 802-10	2.9	4
65	Myocardial Inflammation-Are We There Yet?. <i>Current Cardiovascular Imaging Reports</i> , 2015 , 8, 6	0.7	34
64	Response to letters regarding article, "Clinical usefulness, angiographic characteristics, and safety evaluation of intracoronary acetylcholine provocation testing among 921 consecutive white patients with unobstructed coronary arteries". <i>Circulation</i> , 2015 , 131, e325	16.7	1
63	Predictors of outcome in patients with parvovirus B19 positive endomyocardial biopsy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17,	6.9	78
62	LV rotational mechanics in patients with dilated cardiomyopathy compared to healthy individuals: Experience from the European CMR Registry. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17,	6.9	78
61	Impact of long-term steroid therapy on epicardial and pericardial fat deposition: a cardiac MRI study. <i>Cardiovascular Diabetology</i> , 2015 , 14, 130	8.7	6
60	Impact of arrhythmia on diagnostic performance of adenosine stress CMR in patients with suspected or known coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17, 94	6.9	13
59	Cardiovascular magnetic resonance risk stratification in patients with clinically suspected myocarditis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014 , 16, 14	6.9	102
58	Clinical usefulness, angiographic characteristics, and safety evaluation of intracoronary acetylcholine provocation testing among 921 consecutive white patients with unobstructed coronary arteries. <i>Circulation</i> , 2014 , 129, 1723-30	16.7	185
57	2014 ESC Guidelines on diagnosis and management of hypertrophic cardiomyopathy: the Task Force for the Diagnosis and Management of Hypertrophic Cardiomyopathy of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2014 , 35, 2733-79	9.5	2361
56	Unusual cause for recurrent syncope in a patient late after radiation therapy. <i>Circulation</i> , 2014 , 129, 1988-91	6.1	1
55	2014 ESC/EACTS Guidelines on myocardial revascularization: the Task Force on Myocardial Revascularization of the European Society of Cardiology (ESC) and the European Association for Cardio-Thoracic Surgery (EACTS). Developed with the special contribution of the European Association of Percutaneous Cardiovascular Interventions (EAPCI). <i>European Journal of</i>	3	588
54	Coronary vasomotor abnormalities in patients with stable angina after successful stent implantation but without in-stent restenosis. <i>Clinical Research in Cardiology</i> , 2014 , 103, 11-9	6.1	48
53	T1 mapping as new diagnostic technique in a case of acute onset of biopsy-proven viral myocarditis. <i>Clinical Research in Cardiology</i> , 2014 , 103, 405-8	6.1	7
52	The appropriate and justified use of medical radiation in cardiovascular imaging: a position document of the ESC Associations of Cardiovascular Imaging, Percutaneous Cardiovascular Interventions and Electrophysiology. <i>European Heart Journal</i> , 2014 , 35, 665-72	9.5	234
51	Quality assessment of cardiovascular magnetic resonance in the setting of the European CMR registry: description and validation of standardized criteria. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013 , 15, 55	6.9	54
50	European Cardiovascular Magnetic Resonance (EuroCMR) registry--multi national results from 57 centers in 15 countries. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013 , 15, 9	6.9	165

49	ECG findings in comparison to cardiovascular MR imaging in viral myocarditis. <i>International Journal of Cardiology</i> , 2013 , 165, 100-6	3.2	36
48	CMR imaging predicts death and other adverse events in suspected cardiac sarcoidosis. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 501-11	8.4	292
47	2013 ESH/ESC guidelines for the management of arterial hypertension: the Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2013 , 34, 2159-219	9.5	3400
46	Transient myocardial ischemia during acetylcholine-induced coronary microvascular dysfunction documented by myocardial contrast echocardiography. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 153-39	3.9	9
45	Cost evaluation of cardiovascular magnetic resonance versus coronary angiography for the diagnostic work-up of coronary artery disease: application of the European Cardiovascular Magnetic Resonance registry data to the German, United Kingdom, Swiss, and United States health care systems. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012 , 14, 35	6.9	45
44	Comparison of exercise electrocardiography and stress perfusion CMR for the detection of coronary artery disease in women. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012 , 14, 36	6.9	11
43	High prevalence of a pathological response to acetylcholine testing in patients with stable angina pectoris and unobstructed coronary arteries. The ACOVA Study (Abnormal COronary VAsomotion in patients with stable angina and unobstructed coronary arteries). <i>Journal of the American College of Cardiology</i> , 2012 , 59, 655-62	15.1	254
42	Long-term follow-up of biopsy-proven viral myocarditis: predictors of mortality and incomplete recovery. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1604-15	15.1	328
41	Incremental value of late gadolinium enhancement for management of patients with hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , 2012 , 110, 1207-12	3	17
40	Increased coronary vasoconstrictor response to acetylcholine in women with chest pain and normal coronary arteriograms (cardiac syndrome X). <i>Clinical Research in Cardiology</i> , 2012 , 101, 673-81	6.1	45
39	Long-term impact of undetected Kawasaki syndrome on coronary morphology and physiology. <i>Circulation</i> , 2012 , 125, e640-4	16.7	3
38	Favorable course of pericardial angiosarcoma under paclitaxel followed by pazopanib treatment documented by cardiovascular magnetic resonance imaging. <i>Circulation</i> , 2012 , 126, e279-81	16.7	11
37	Acute adverse reactions to gadolinium-based contrast agents in CMR: multicenter experience with 17,767 patients from the EuroCMR Registry. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 1171-6	8.4	60
36	CMR gives clue to "ragged red fibers" in the heart in a patient with mitochondrial myopathy. <i>International Journal of Cardiology</i> , 2011 , 149, e24-7	3.2	13
35	Coronary artery spasm as a cause for myocardial infarction in patients with systemic inflammatory disease. <i>International Journal of Cardiology</i> , 2011 , 151, e32-4	3.2	5
34	Usefulness of pericardial effusion as new diagnostic criterion for noninvasive detection of myocarditis. <i>American Journal of Cardiology</i> , 2011 , 108, 445-52	3	24
33	Diagnostic value of perfusion cardiovascular magnetic resonance in patients with angina pectoris but normal coronary angiograms assessed by intracoronary acetylcholine testing. <i>Heart</i> , 2010 , 96, 372-9	5.1	25
32	Comparative evaluation of left and right ventricular endomyocardial biopsy: differences in complication rate and diagnostic performance. <i>Circulation</i> , 2010 , 122, 900-9	16.7	271

31	Myocardial scar visualized by cardiovascular magnetic resonance imaging predicts major adverse events in patients with hypertrophic cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 875-87	15.1	419
30	Myocarditis: Update and Critical Assessment. <i>Current Cardiovascular Imaging Reports</i> , 2010 , 3, 57-64	0.7	2
29	Lessons Learned from the European Cardiovascular Magnetic Resonance (EuroCMR) Registry Pilot Phase. <i>Current Cardiovascular Imaging Reports</i> , 2010 , 3, 171-174	0.7	5
28	Spectrum of imaging findings in immunocompromised patients with HHV-6 infection. <i>American Journal of Roentgenology</i> , 2009 , 193, W373-80	5.4	13
27	Diagnostic synergy of non-invasive cardiovascular magnetic resonance and invasive endomyocardial biopsy in troponin-positive patients without coronary artery disease. <i>European Heart Journal</i> , 2009 , 30, 2869-79	9.5	188
26	Cardiovascular magnetic resonance reveals similar damage to the heart of patients with Becker and limb-girdle muscular dystrophy but no cardiac symptoms. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 30, 876-7	5.6	18
25	Current variables, definitions and endpoints of the European cardiovascular magnetic resonance registry. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009 , 11, 43	6.9	20
24	EuroCMR (European Cardiovascular Magnetic Resonance) registry: results of the German pilot phase. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 1457-66	15.1	143
23	Noninvasive differentiation between active and healed myocarditis by cardiac magnetic resonance: are we there yet?. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 139-42	8.4	8
22	Cardiovascular magnetic resonance in clinically suspected cardiac amyloidosis: noninvasive imaging compared to endomyocardial biopsy. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 1022-30	15.1	321
21	Images in cardiovascular medicine. Right ventricular false aneurysm after unrecognized myocardial infarction 28 years previously. <i>Circulation</i> , 2008 , 118, 2111-4	16.7	5
20	Images in cardiovascular medicine. Magnetic resonance assessment and therapy monitoring of cardiac involvement in Churg-Strauss syndrome. <i>Circulation</i> , 2008 , 117, 1745-9	16.7	29
19	Cardiac involvement in patients with Becker muscular dystrophy: new diagnostic and pathophysiological insights by a CMR approach. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008 , 10, 50	6.9	78
18	Significance of late gadolinium enhancement in cardiovascular magnetic resonance imaging (CMR). <i>Herz</i> , 2007 , 32, 129-37	2.6	60
17	Non-invasive evaluation of coronary vasospasm using a combined hyperventilation and cold-pressure-test perfusion CMR protocol. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007 , 9, 759-64	6.9	6
16	Images in cardiovascular medicine. Giant right atrium in the setting of desmin-related restrictive cardiomyopathy. <i>Circulation</i> , 2006 , 113, e53-5	16.7	16
15	Images in cardiovascular medicine. Noninvasive characterization of left atrial mass. <i>Circulation</i> , 2006 , 113, e19-20	16.7	11
14	Effects of time, dose, and inversion time for acute myocardial infarct size measurements based on magnetic resonance imaging-delayed contrast enhancement. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 2027-33	15.1	113

13	Presentation, patterns of myocardial damage, and clinical course of viral myocarditis. <i>Circulation</i> , 2006 , 114, 1581-90	16.7	587
12	Left ventricular wall motion abnormalities as well as reduced wall thickness can cause false positive results of routine SPECT perfusion imaging for detection of myocardial infarction. <i>European Heart Journal</i> , 2005 , 26, 2127-35	9.5	28
11	Use of cardiac magnetic resonance to assess viability. <i>Current Cardiology Reports</i> , 2005 , 7, 59-64	4.2	8
10	Functional assessment of myoblast transplantation for cardiac repair with magnetic resonance imaging. <i>European Journal of Heart Failure</i> , 2005 , 7, 435-43	12.3	27
9	Delayed enhancement cardiovascular magnetic resonance assessment of non-ischaemic cardiomyopathies. <i>European Heart Journal</i> , 2005 , 26, 1461-74	9.5	644
8	Can delayed enhancement and T2-weighted imaging distinguish acute from chronic myocardial infarction?. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2004 , 1, 22-3		2
7	Cardiovascular magnetic resonance assessment of human myocarditis: a comparison to histology and molecular pathology. <i>Circulation</i> , 2004 , 109, 1250-8	16.7	789
6	Improved efficacy of stem cell labeling for magnetic resonance imaging studies by the use of cationic liposomes. <i>Cell Transplantation</i> , 2003 , 12, 743-56	4	99
5	Relationship of contractile function to transmural extent of infarction in patients with chronic coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 505-12	15.1	101
4	MR imaging of myocardial perfusion and viability. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2003 , 11, 49-66	1.6	28
3	Contrast-enhanced MRI and routine single photon emission computed tomography (SPECT) perfusion imaging for detection of subendocardial myocardial infarcts: an imaging study. <i>Lancet, The</i> , 2003 , 361, 374-9	40	1019
2	Images in cardiovascular medicine. Magnetic resonance assessment of cardiac function, infarct scar distribution, and ventricular remodeling in the setting of ischemic cardiomyopathy. <i>Circulation</i> , 2003 , 107, e103-4	16.7	3
1	Reproducibility of chronic infarct size measurement by contrast-enhanced magnetic resonance imaging. <i>Circulation</i> , 2002 , 106, 2322-7	16.7	323