

Sebastian Kelle

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

5,517
citations

182225

30
h-index

107981

68
g-index

196
all docs

196
docs citations

196
times ranked

5436
citing authors

#	ARTICLE	IF	CITATIONS
1	The non-invasive assessment of myocardial work by pressure-strain analysis: clinical applications. <i>Heart Failure Reviews</i> , 2022, 27, 1261-1279.	1.7	21
2	Comparison of machine learning and deep learning for view identification from cardiac magnetic resonance images. <i>Clinical Imaging</i> , 2022, 82, 121-126.	0.8	10
3	Evidence-based cardiovascular magnetic resonance cost-effectiveness calculator for the detection of significant coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 1.	1.6	15
4	Editorial: Advances in the Prevention and Rehabilitation of Cardiovascular Diseases via Aerobic Exercise. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 858785.	1.1	0
5	A Collaborative Approach for the Development and Application of Machine Learning Solutions for CMR-Based Cardiac Disease Classification. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 829512.	1.1	5
6	Case Series of Potential Cardiac Inflammation Associated With Various SARS-CoV-2 Vaccinations Assessed by Cardiac MRI. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 829392.	1.1	6
7	Predicting visceral adipose tissue in older adults: A pilot clinical study. <i>Clinical Nutrition</i> , 2022, 41, 810-816.	2.3	2
8	Synthetic Extracellular Volume in Cardiac Magnetic Resonance Without Blood Sampling: a Reliable Tool to Replace Conventional Extracellular Volume. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, 101161CIRCIMAGING121013745.	1.3	10
9	Long-term prognostic value of vasodilator stress cardiac magnetic resonance in patients with atrial fibrillation. <i>ESC Heart Failure</i> , 2022, 9, 110-121.	1.4	2
10	Imaging Assessment of Endothelial Function: An Index of Cardiovascular Health. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 778762.	1.1	9
11	Hemodynamic Changes During Physiological and Pharmacological Stress Testing in Patients With Heart Failure: A Systematic Review and Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 718114.	1.1	0
12	CMR findings after COVID-19 and after COVID-19-vaccination – same but different?. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 2057-2071.	0.2	3
13	Brief Research Report: Quantitative Analysis of Potential Coronary Microvascular Disease in Suspected Long-COVID Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	1.1	11
14	The role of non-invasive devices for the telemonitoring of heart failure patients. <i>Heart Failure Reviews</i> , 2021, 26, 1063-1080.	1.7	29
15	Myocarditis and inflammatory cardiomyopathy: current evidence and future directions. <i>Nature Reviews Cardiology</i> , 2021, 18, 169-193.	6.1	589
16	Prevalence and prognostic impact of hsCRP elevation are age-dependent in women but not in men undergoing percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E936-E944.	0.7	3
17	Diagnostic value of cardiovascular magnetic resonance in comparison to endomyocardial biopsy in cardiac amyloidosis: a multi-centre study. <i>Clinical Research in Cardiology</i> , 2021, 110, 555-568.	1.5	33
18	Cardiac magnetic resonance imaging: the echo of the obese?. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 528-529.	0.5	1

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19	Review of safety reports of cardiac MR-imaging in patients with recently implanted coronary artery stents at various field strengths. <i>Expert Review of Medical Devices</i> , 2021, 18, 83-90.	1.4	1
20	Head-to-head comparison of cardiovascular MR feature tracking cine versus acquisition-based deformation strain imaging using myocardial tagging and strain encoding. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 357-368.	1.9	26
21	COVID-19 convalescence phase unmasks a silent myocardial infarction due to coronary plaque rupture. <i>ESC Heart Failure</i> , 2021, 8, 971-973.	1.4	15
22	Myocardial deformation assessed among heart failure entities by cardiovascular magnetic resonance imaging. <i>ESC Heart Failure</i> , 2021, 8, 890-897.	1.4	10
23	Assessment of 10-Year Left-Ventricular-Remodeling by CMR in Patients Following Aortic Valve Replacement. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 645693.	1.1	4
24	Circulatory efficiency in patients with severe aortic valve stenosis before and after aortic valve replacement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 15.	1.6	6
25	C-Reactive Protein Apheresis as Anti-inflammatory Therapy in Acute Myocardial Infarction: Results of the CAMI-1 Study. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 591714.	1.1	47
26	Left and right ventricular strain using fast strain-encoded cardiovascular magnetic resonance for the diagnostic classification of patients with chronic non-ischemic heart failure due to dilated, hypertrophic cardiomyopathy or cardiac amyloidosis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 45.	1.6	18
27	Defining the optimal temporal and spatial resolution for cardiovascular magnetic resonance imaging feature tracking. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 60.	1.6	21
28	Going after COVID-19 myocarditis. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 852-854.	0.5	9
29	Impact of fully automated assessment on interstudy reproducibility of biventricular volumes and function in cardiac magnetic resonance imaging. <i>Scientific Reports</i> , 2021, 11, 11648.	1.6	7
30	Multiparametric Early Detection and Prediction of Cardiotoxicity Using Myocardial Strain, T1 and T2 Mapping, and Biochemical Markers: A Longitudinal Cardiac Resonance Imaging Study During 2 Years of Follow-Up. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012459.	1.3	35
31	Fast Strain-Encoded Cardiac Magnetic Resonance for Diagnostic Classification and Risk Stratification of Heart Failure Patients. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1177-1188.	2.3	37
32	Traveling Volunteers: A Multi-Vendor, Multi-Center Study on Reproducibility and Comparability of 4D Flow Derived Aortic Hemodynamics in Cardiovascular Magnetic Resonance. <i>Journal of Magnetic Resonance Imaging</i> , 2021, , .	1.9	11
33	In-hospital Heart Rate Reduction With Beta Blockers and Ivabradine Early After Recovery in Patients With Acute Decompensated Heart Failure Reduces Short-Term Mortality and Rehospitalization. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 665202.	1.1	5
34	Multi-parametric assessment of left ventricular hypertrophy using late gadolinium enhancement, T1 mapping and strain-encoded cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 92.	1.6	26
35	Non-invasive CMR-Based Quantification of Myocardial Power and Efficiency Under Stress and Ischemic Conditions in Landrace Pigs. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 689255.	1.1	6
36	Cardiac Magnetic Resonance Reveals Incipient Cardiomyopathy Traits in Adult Patients With Phenylketonuria. <i>Journal of the American Heart Association</i> , 2021, 10, e020351.	1.6	4

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37	When tissue and outcomes are the issue. Cardiac magnetic resonance for patients with suspected cardiac tumours. <i>European Heart Journal</i> , 2021, 43, 81-83.	1.0	8
38	Computed Tomography-Based Assessment of Transvalvular Pressure Gradient in Aortic Stenosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 706628.	1.1	7
39	Intracranial Aneurysm Rupture Risk Estimation Utilizing Vessel-Graphs and Machine Learning. <i>Lecture Notes in Computer Science</i> , 2021, , 93-103.	1.0	3
40	Deep-Learning-Based Myocardial Pathology Detection. <i>Lecture Notes in Computer Science</i> , 2021, , 369-377.	1.0	1
41	Impact of Muscle Mass as a Prognostic Factor for Failed Waiting Time Prior to Heart Transplantation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 731293.	1.1	1
42	Relationship between quality of life indicators and cardiac status indicators in chemotherapy patients. <i>Zdravstveno Varstvo</i> , 2021, 60, 199-209.	0.6	6
43	Cardiovascular magnetic resonance findings in non-hospitalized paediatric patients after recovery from COVID-19. <i>ESC Heart Failure</i> , 2021, 8, 5583-5588.	1.4	10
44	Late onset apical hypertrophic cardiomyopathy: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytaa493.	0.3	2
45	Epicardial Fat Expansion in Diabetic and Obese Patients With Heart Failure and Preserved Ejection Fraction-A Specific HFpEF Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 720690.	1.1	3
46	Epicardial Fat Expansion in Diabetic and Obese Patients With Heart Failure and Preserved Ejection Fraction-A Specific HFpEF Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 720690.	1.1	25
47	SGLT2 Inhibition in HFpEF. Do We Need More Quantitative and Load Independent Metrics to Understand the Results of the EMPEROR-Preserved Trial?. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 822968.	1.1	3
48	SCMR level II/independent practitioner training guidelines for cardiovascular magnetic resonance: integration of a virtual training environment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 139.	1.6	5
49	COVID-19 vs. Classical Myocarditis Associated Myocardial Injury Evaluated by Cardiac Magnetic Resonance and Endomyocardial Biopsy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 737257.	1.1	33
50	Fast-Strain Encoded Cardiac Magnetic Resonance During Vasodilator Perfusion Stress Testing. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 765961.	1.1	10
51	Long-term left atrial remodeling after ablation of persistent atrial fibrillation: 7-year follow-up by cardiovascular magnetic resonance imaging. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 58, 21-27.	0.6	9
52	Quantitative detection of changes in regional wall motion using real time strain-encoded cardiovascular magnetic resonance. <i>Magnetic Resonance Imaging</i> , 2020, 66, 193-198.	1.0	2
53	Validation of simple measures of aortic distensibility based on standard 4-chamber cine CMR: a new approach for clinical studies. <i>Clinical Research in Cardiology</i> , 2020, 109, 454-464.	1.5	4
54	Comparison of feature tracking, fast-SSENC, and myocardial tagging for global and segmental left ventricular strain. <i>ESC Heart Failure</i> , 2020, 7, 523-532.	1.4	64

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55	CARDIOTOXICITY DURING CANCER TREATMENT CAUSES MORE REGIONAL THAN GLOBAL DYSFUNCTION: THE PREFECT STUDY. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1824.	1.2	6
56	Cardiac Myxomas Show Elevated Native T1, T2 Relaxation Time and ECV on Parametric CMR. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 602137.	1.1	7
57	Feasibility and Robustness of 3T Magnetic Resonance Angiography Using Modified Dixon Fat Suppression in Patients With Known or Suspected Peripheral Artery Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 549392.	1.1	2
58	Cardiovascular magnetic resonance-derived left ventricular mechanicsâ€”strain, cardiac power and end-systolic elastance under various inotropic states in swine. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 79.	1.6	6
59	Myocardial strain analysis of the right ventricle: comparison of different cardiovascular magnetic resonance and echocardiographic techniques. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 51.	1.6	23
60	Vorstellung des neuen Online-Lernmoduls CMR (eCardiology). <i>Kardiologe</i> , 2020, 14, 239-242.	0.0	1
61	INTRAMYOCARDIAL FAST-SENCE CMR STRAIN IS LESS IMPACTED BY COMPENSATORY MECHANISMS THAN ECHOCARDIOGRAPHY IN MONITORING CARDIOTOXICITY: THE PREFECT STUDY. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1795.	1.2	0
62	Proteomic Analysis Reveals Upregulation of ACE2 (Angiotensin-Converting Enzyme 2), the Putative SARS-CoV-2 Receptor in Pressureâ€”but Not Volume-Overloaded Human Hearts. <i>Hypertension</i> , 2020, 76, e41-e43.	1.3	6
63	Society for Cardiovascular Magnetic Resonance (SCMR) recommended CMR protocols for scanning patients with active or convalescent phase COVID-19 infection. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 61.	1.6	63
64	A Random Shuffle Method to Expand a Narrow Dataset and Overcome the Associated Challenges in a Clinical Study: A Heart Failure Cohort Example. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 599923.	1.1	4
65	Estimation of total collagen volume: a T1 mapping versus histological comparison study in healthy Landrace pigs. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1761-1769.	0.7	4
66	Left ventricular volume reduction and reshapeâ€”Reâ€”STICHINGâ€”the field. Reply. <i>European Journal of Heart Failure</i> , 2020, 22, 1053-1054.	2.9	0
67	Splenic Switchâ€”Off for Determining the Optimal Dosage for Adenosine Stress Cardiac MR in Terms of Stress Effectiveness and Patient Safety. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1732-1742.	1.9	3
68	Variability of Myocardial Strain During Isometric Exercise in Subjects With and Without Heart Failure. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 111.	1.1	13
69	Multilayer myocardial strain improves the diagnosis of heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2020, 7, 3240-3245.	1.4	17
70	Cardiovascular magnetic resonance feature tracking in pigs: a reproducibility and sample size calculation study. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 703-712.	0.7	6
71	Impact of valve morphology, hypertension and age on aortic wall properties in patients with coarctation: a two-centre cross-sectional study. <i>BMJ Open</i> , 2020, 10, e034853.	0.8	5
72	Case Report: Early Transplant Rejection of a Methanol-Intoxicated Donor Heart in a Young Female Patient. A Diagnostic Approach With CMR, Cardiac Biopsy, and Genetic Risk Assessment. <i>Frontiers in Immunology</i> , 2020, 11, 575635.	2.2	0

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73	A multi-vendor, multi-center study on reproducibility and comparability of fast strain-encoded cardiovascular magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 899-911.	0.7	13
74	Cardiac radiomics: an interactive approach for 4D data exploration. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, .	0.2	3
75	Minimally invasive left ventricular reconstruction of a postinfarction, anterior left ventricular scar (BioVentrix Revivent TC procedure). , 2020, 2020, .		1
76	Serelaxin Improves Regional Myocardial Function in Experimental Heart Failure: An In Vivo Cardiac Magnetic Resonance Study. <i>Journal of the American Heart Association</i> , 2020, 9, e013702.	1.6	7
77	Out-of-Hospital Care of Heart Failure Patients During and After COVID-19 Pandemic: Time for Telemedicine?. <i>Frontiers in Digital Health</i> , 2020, 2, 593885.	1.5	1
78	Echocardiography and cardiovascular magnetic resonance based evaluation of myocardial strain and relationship with late gadolinium enhancement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 46.	1.6	54
79	Clinical safety of the ProMRI implantable cardioverter-defibrillator systems during head and lower lumbar magnetic resonance imaging at 3T: results of the ProMRI 3T ENHANCED Master study. <i>Europace</i> , 2019, 21, 1678-1685.	0.7	1
80	CMR Tissue Characterization in Patients with HFmrEF. <i>Journal of Clinical Medicine</i> , 2019, 8, 1877.	1.0	26
81	Range Variability in CMR Feature Tracking Multilayer Strain across Different Stages of Heart Failure. <i>Scientific Reports</i> , 2019, 9, 16478.	1.6	20
82	Effect of comprehensive initial training on the variability of left ventricular measures using fast-SENCE cardiac magnetic resonance imaging. <i>Scientific Reports</i> , 2019, 9, 12223.	1.6	11
83	Assessment of Global Longitudinal and Circumferential Strain Using Computed Tomography Feature Tracking: Intra-Individual Comparison with CMR Feature Tracking and Myocardial Tagging in Patients with Severe Aortic Stenosis. <i>Journal of Clinical Medicine</i> , 2019, 8, 1423.	1.0	17
84	CMR Assessment of Myocyte Disarray in HCM. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1847-1848.	1.2	0
85	Cardiovascular magnetic resonance imaging feature tracking: Impact of training on observer performance and reproducibility. <i>PLoS ONE</i> , 2019, 14, e0210127.	1.1	27
86	Myocardial Fibrosis Due to Exorbitant Exercise or Just Undetected Post-Inflammatory Stages?. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 381-382.	2.3	3
87	The Relationship Between EF and Strain Permits a More Accurate Assessment of LV Systolic Function. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1893-1895.	2.3	21
88	Hemodynamic Changes During Physiological and Pharmacological Stress Testing in Healthy Subjects, Aortic Stenosis and Aortic Coarctation Patients: A Systematic Review and Meta-Analysis. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 43.	1.1	12
89	Strain-encoded magnetic resonance: a method for the assessment of myocardial deformation. <i>ESC Heart Failure</i> , 2019, 6, 584-602.	1.4	51
90	Strain-encoded cardiac magnetic resonance imaging: a new approach for fast estimation of left ventricular function. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 52.	0.7	24

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91	Integration between volumetric change and strain for describing the global mechanical function of the left ventricle. <i>Medical Engineering and Physics</i> , 2019, 74, 65-72.	0.8	4
92	Less invasive ventricular reconstruction for ischaemic heart failure. <i>European Journal of Heart Failure</i> , 2019, 21, 1638-1650.	2.9	41
93	The Intraventricular Hemodynamic Forces Estimated Using Routine CMR Cine Images. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 377-379.	2.3	21
94	Native T1 and ECV of Noninfarcted Myocardium and Outcome in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2018, 71, 766-778.	1.2	100
95	CMR stress testing in a patient with morbid obesity (BMI 58 kg/m ²) and suspected coronary artery disease. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 47.	0.7	0
96	Renal sympathetic denervation restores aortic distensibility in patients with resistant hypertension: data from a multi-center trial. <i>Clinical Research in Cardiology</i> , 2018, 107, 642-652.	1.5	17
97	Fatty metaplasia quantification and impact on regional myocardial function as assessed by advanced cardiac MR imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2018, 31, 75-85.	1.1	10
98	Left Ventricular Strain in Chemotherapy-Naive and Radiotherapy-Naive Patients With Cancer. <i>Canadian Journal of Cardiology</i> , 2018, 34, 281-287.	0.8	28
99	Reproducibility study on myocardial strain assessment using fast-SENC cardiac magnetic resonance imaging. <i>Scientific Reports</i> , 2018, 8, 14100.	1.6	60
100	Unusual case of ATTR amyloidosis with cardiac manifestation and situs inversus totalis. <i>Clinical Research in Cardiology</i> , 2017, 106, 311-316.	1.5	2
101	Cardiac MRI quantitative tissue characterization of right atrial mass using mDixon and parametric mapping. <i>Clinical Research in Cardiology</i> , 2017, 106, 840-845.	1.5	4
102	Left ventricular ejection fraction and presence of myocardial necrosis assessed by cardiac magnetic resonance imaging correctly risk stratify patients with stable coronary artery disease: a multi-center all-comers trial. <i>Clinical Research in Cardiology</i> , 2017, 106, 219-229.	1.5	19
103	Cardiovascular magnetic resonance feature tracking in small animals – a preliminary study on reproducibility and sample size calculation. <i>BMC Medical Imaging</i> , 2017, 17, 51.	1.4	13
104	Liquefaction necrosis of mitral annulus calcification. <i>International Journal of Cardiology</i> , 2016, 202, 59-61.	0.8	1
105	T1-Mapping and Outcome in Nonischemic Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 40-50.	2.3	380
106	Effects of Renal Denervation on Renal Artery Function in Humans: Preliminary Study. <i>PLoS ONE</i> , 2016, 11, e0150662.	1.1	7
107	High-dose dobutamine stress steady-state free precession (SSFP) cine MRI at 3T with patient adaptive local radiofrequency (RF) shimming using dual-source RF transmission. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 746-753.	1.9	1
108	Prognostic value of non-invasive stress testing for coronary artery disease in obese patients. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 1325-1332.	0.6	3

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109	T1 Mapping in Discrimination of Hypertrophic Phenotypes: Hypertensive Heart Disease and Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, .	1.3	200
110	Coronary CT angiography for the detection of coronary artery stenosis in patients referred for transcatheter aortic valve replacement. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 31-41.	0.7	49
111	Incremental cost-effectiveness of dobutamine stress cardiac magnetic resonance imaging in patients at intermediate risk for coronary artery disease. <i>Clinical Research in Cardiology</i> , 2015, 104, 401-409.	1.5	30
112	Cardiac manifestations of Sneddon's syndrome. <i>International Journal of Cardiology</i> , 2015, 190, 275-276.	0.8	3
113	T1 Mapping for the Study of Cardiac Hypertrophy. <i>Current Cardiovascular Imaging Reports</i> , 2015, 8, 1.	0.4	1
114	Interventricular septum aneurysm: Two differently managed cases and association with bicuspid aortic valve. <i>International Journal of Cardiology</i> , 2015, 201, 438-440.	0.8	1
115	BMI does not influence the prediction of cardiac events using stress CMR. <i>International Journal of Cardiology</i> , 2015, 179, 31-33.	0.8	6
116	Ischemic Burden and Clinical Outcome: Is One "Culprit" Ischemic Segment by Dobutamine Stress Magnetic Resonance Predictive?. <i>PLoS ONE</i> , 2014, 9, e115182.	1.1	4
117	Potential Reduction of Interstitial Myocardial Fibrosis With Renal Denervation. <i>Journal of the American Heart Association</i> , 2014, 3, e001353.	1.6	41
118	Value of additional strain analysis with feature tracking in dobutamine stress cardiovascular magnetic resonance for detecting coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 72.	1.6	40
119	Contrast-enhanced cardiovascular magnetic resonance imaging of coronary vessel wall: state of art. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 255-263.	0.6	5
120	Comparison of Coronary Magnetic Resonance and Computed Tomography Angiography for Prediction of Cardiovascular Events. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 1063-1065.	2.3	7
121	Optical coherence tomography (OCT) to reveal vascular lesions after renal nerve ablation using a novel water-cooled, open-irrigated helical catheter approach. <i>International Journal of Cardiology</i> , 2014, 177, e172-e173.	0.8	3
122	Effect of renal denervation on left ventricular mass and function in patients with resistant hypertension: data from a multi-centre cardiovascular magnetic resonance imaging trial. <i>European Heart Journal</i> , 2014, 35, 2224-2231.	1.0	140
123	Endomyocardial fibrosis in patients with confirmed Churg-Strauss syndrome. <i>Rheumatology</i> , 2014, 53, 84-84.	0.9	3
124	Cardiac magnetic resonance for prognostic assessment: present applications and future directions. <i>Expert Review of Cardiovascular Therapy</i> , 2014, 12, 771-782.	0.6	4
125	Comparison of acquisition time and dose for late gadolinium enhancement imaging at 3.0T in patients with chronic myocardial infarction using Gd-BOPTA. <i>European Radiology</i> , 2014, 24, 2192-2200.	2.3	6
126	Comparison of myocardial tagging and feature tracking in patients with severe aortic stenosis. <i>Journal of Heart Valve Disease</i> , 2014, 23, 432-40.	0.5	14

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127	Coronary artery distensibility assessed by cardiovascular magnetic resonance imaging in patients with type 2 diabetes mellitus and healthy controls. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013, 15, M5.	1.6	0
128	A Bi-Center Cardiovascular Magnetic Resonance Prognosis Study Focusing on Dobutamine Wall Motion and Late Gadolinium Enhancement in 3,138 Consecutive Patients. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2310-2312.	1.2	33
129	T1 and T2 mapping for tissue characterization of cardiac myxoma. <i>International Journal of Cardiology</i> , 2013, 169, e17-e20.	0.8	14
130	Magnetic Resonance Imaging of Cardiovascular Fibrosis and Inflammation: From Clinical Practice to Animal Studies and Back. <i>BioMed Research International</i> , 2013, 2013, 1-10.	0.9	23
131	Non-Invasive Detection of Coronary Endothelial Response to Sequential Handgrip Exercise in Coronary Artery Disease Patients and Healthy Adults. <i>PLoS ONE</i> , 2013, 8, e58047.	1.1	27
132	Renal denervation in fibromuscular dysplasia. <i>BMJ Case Reports</i> , 2013, 2013, bcr2013010204-bcr2013010204.	0.2	7
133	Emerging Concepts for Myocardial Late Gadolinium Enhancement MRI. <i>Current Cardiology Reviews</i> , 2013, 9, 185-190.	0.6	97
134	Oxygen Kinetics and Heart Rate Response during Early Recovery from Exercise in Patients with Heart Failure. <i>Cardiology Research and Practice</i> , 2012, 2012, 1-7.	0.5	10
135	Regional Coronary Endothelial Function Is Closely Related to Local Early Coronary Atherosclerosis in Patients With Mild Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 341-348.	1.3	51
136	Visualization of Chronic Myocardial Infarction Using the Intravascular Contrast Agent MS-325 (Gadofosveset) in Patients. <i>Scientific World Journal</i> , The, 2012, 2012, 1-6.	0.8	9
137	Value of additional myocardial perfusion imaging during dobutamine stress magnetic resonance for the assessment of intermediate coronary artery disease. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 89-97.	0.7	15
138	Delayed Contrast-Enhanced MRI of the Coronary Artery Wall in Takayasu Arteritis. <i>PLoS ONE</i> , 2012, 7, e50655.	1.1	29
139	A Prospective Study for Comparison of MR and CT Imaging for Detection of Coronary Artery Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 50-61.	2.3	99
140	Long-Term Prognostic Value of Dobutamine Stress CMR. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 161-172.	2.3	62
141	Coronary Artery Distensibility Assessed by 3.0 Tesla Coronary Magnetic Resonance Imaging in Subjects With and Without Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2011, 108, 491-497.	0.7	30
142	The role of dobutamine stress cardiovascular magnetic resonance in the clinical management of patients with suspected and known coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011, 13, 46.	1.6	20
143	Evaluation of contrast wash-in and peak enhancement in adenosine first pass perfusion CMR in patients post bypass surgery. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, 28.	1.6	20
144	Prognostic value of dobutamine cardiovascular magnetic resonance in patients with peripheral arterial disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010, 12, .	1.6	0

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145	Gadolinium Enhanced MR Coronary Vessel Wall Imaging at 3.0 Tesla. <i>Cardiology Research and Practice</i> , 2010, 2010, 1-9.	0.5	7
146	Noninvasive Visualization of Coronary Artery Endothelial Function in Healthy Subjects and in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1657-1665.	1.2	109
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