Giovanni Donato Aquaro

List of Publications by Citations

176 papers	3,121 citations	32 h-index	49 g-index
193 ext. papers	4,046 ext. citations	4.5 avg, IF	4.92 L-index

#	Paper	IF	Citations
176	Cardiac MR With Late Gadolinium Enhancement in Acute Myocarditis With Preserved Systolic Function: ITAMY Study. *Journal of the American College of Cardiology*, **2017**, 70, 1977-1987	15.1	195
175	MicroRNA therapy stimulates uncontrolled cardiac repair after myocardial infarction in pigs. *Nature* , **2019**, 569, 418-422	50.4	194
174	Myocardial fibrosis in isolated left ventricular non-compaction and its relation to disease severity. *European Journal of Heart Failure*, **2011**, 13, 170-6	12.3	116
173	Progression of myocardial fibrosis assessed with cardiac magnetic resonance in hypertrophic cardiomyopathy. *Journal of the American College of Cardiology*, **2012**, 60, 922-9	15.1	100
172	Myocardial fibrosis as a key determinant of left ventricular remodeling in idiopathic dilated cardiomyopathy: a contrast-enhanced cardiovascular magnetic study. *Circulation: Cardiovascular Imaging*, **2013**, 6, 790-9	3.9	99
171	Long-Term Prognostic Value of Cardiac Magnetic Resonance in Left Ventricle Noncompaction: A Prospective Multicenter Study. *Journal of the American College of Cardiology*, **2016**, 68, 2166-2181	15.1	83
170	Myocardial salvage by CMR correlates with LV remodeling and early ST-segment resolution in acute myocardial infarction. *JACC: Cardiovascular Imaging*, **2010**, 3, 45-51	8.4	77
169	Reference values of cardiac volumes, dimensions, and new functional parameters by MR: A multicenter, multivendor study. *Journal of Magnetic Resonance Imaging*, **2017**, 45, 1055-1067	5.6	62
168	Cardiac magnetic resonance predicts outcome in patients with premature ventricular complexes of left bundle branch block morphology. *Journal of the American College of Cardiology*, **2010**, 56, 1235-43	15.1	61
167	A prospective randomized trial of thrombectomy versus no thrombectomy in patients with ST-segment elevation myocardial infarction and thrombus-rich lesions: MUSTELA (MUltidevice Thrombectomy in Acute ST-Segment ELevation Acute Myocardial Infarction) trial. *JACC: Cardiovascular Interventions*, **2012**, 5, 1223-30	5	60
166	Early myocardial and skeletal muscle interstitial remodelling in systemic sclerosis: insights from extracellular volume quantification using cardiovascular magnetic resonance. *European Heart Journal Cardiovascular Imaging*, **2015**, 16, 74-80	4.1	55
165	Placental stem cells pre-treated with a hyaluronan mixed ester of butyric and retinoic acid to cure infarcted pig hearts: a multimodal study. *Cardiovascular Research*, **2011**, 90, 546-56	9.9	53
164	Prognostic Value of Repeating Cardiac Magnetic Resonance in Patients With Acute Myocarditis. *Journal of the American College of Cardiology*, **2019**, 74, 2439-2448	15.1	50
163	Hyaluronan mixed esters of butyric and retinoic acid affording myocardial survival and repair without stem cell transplantation. *Journal of Biological Chemistry*, **2010**, 285, 9949-9961	5.4	49
162	Head to head comparison between perfusion and function during accelerated high-dose dipyridamole magnetic resonance stress for the detection of coronary artery disease. *American Journal of Cardiology*, **2008**, 101, 8-14	3	49
161	Q-wave prediction of myocardial infarct location, size and transmural extent at magnetic resonance imaging. *Coronary Artery Disease*, **2007**, 18, 381-9	1.4	49
160	Prognostic significance of myocardial extracellular volume fraction in nonischaemic dilated cardiomyopathy. *Journal of Cardiovascular Medicine*, **2015**, 16, 681-7	1.9	47

159	Long-Term Incremental Prognostic Value of Cardiovascular Magnetic Resonance After ST-Segment Elevation Myocardial Infarction: A Study of the Collaborative Registry on CMR in STEMI. *JACC: Cardiovascular Imaging*, **2018**, 11, 813-825	8.4	47
158	Galectin-3 and myocardial fibrosis in nonischemic dilated cardiomyopathy. *International Journal of Cardiology*, **2015**, 184, 96-100	3.2	44
157	High prevalence of cardiac hypertophy without detectable signs of fibrosis in patients with untreated active acromegaly: an in vivo study using magnetic resonance imaging. *Clinical Endocrinology*, **2008**, 68, 361-8	3.4	44
156	Myocardial delayed enhancement in paucisymptomatic nonischemic dilated cardiomyopathy. *International Journal of Cardiology*, **2012**, 157, 43-7	3.2	43
155	Scar extent, left ventricular end-diastolic volume, and wall motion abnormalities identify high-risk patients with previous myocardial infarction: a multiparametric approach for prognostic stratification. *European Heart Journal*, **2013**, 34, 104-11	9.5	41
154	Meta-Analysis of the Prognostic Role of Late Gadolinium Enhancement and Global Systolic Impairment in Left Ventricular Noncompaction. *JACC: Cardiovascular Imaging*, **2019**, 12, 2141-2151	8.4	40
153	Silent myocardial damage in cocaine addicts. *Heart*, **2011**, 97, 2056-62	5.1	40
152	Quantitative analysis of late gadolinium enhancement in hypertrophic cardiomyopathy. *Journal of Cardiovascular Magnetic Resonance*, **2010**, 12, 21	6.9	39
151	Assessment of real-time myocardial uptake and enzymatic conversion of hyperpolarized [1-□□C]pyruvate in pigs using slice selective magnetic resonance spectroscopy. *Contrast Media and Molecular Imaging*, **2012**, 7, 85-94	3.2	37
150	Real-time cardiac metabolism assessed with hyperpolarized [1-(13) C]acetate in a large-animal model. *Contrast Media and Molecular Imaging*, **2015**, 10, 194-202	3.2	37
149	Prognostic Value of Magnetic Resonance Phenotype in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. *Journal of the American College of Cardiology*, **2020**, 75, 2753-2765	15.1	35
148	Usefulness of delayed enhancement by magnetic resonance imaging in hypertrophic cardiomyopathy as a marker of disease and its severity. *American Journal of Cardiology*, **2010**, 105, 392-7	3	35
147	Measurement of myocardial amyloid deposition in systemic amyloidosis: insights from cardiovascular magnetic resonance imaging. *Journal of Internal Medicine*, **2015**, 277, 605-14	10.8	33
146	Severe mechanical dyssynchrony causes regional hibernation-like changes in pigs with nonischemic heart failure. *Journal of Cardiac Failure*, **2009**, 15, 920-8	3.3	33
145	Usefulness of Triiodothyronine Replacement Therapy in Patients With ST Elevation Myocardial Infarction and Borderline/Reduced Triiodothyronine Levels (from the THIRST Study). *American Journal of Cardiology*, **2019**, 123, 905-912	3	32
144	Right ventricular remodelling in systemic hypertension: a cardiac MRI study. *Heart*, **2011**, 97, 1257-61	5.1	31
143	Myocardial interstitial remodelling in non-ischaemic dilated cardiomyopathy: insights from cardiovascular magnetic resonance. *Heart Failure Reviews*, **2015**, 20, 731-49	5	30
142	Geometric assessment of asymmetric septal hypertrophic cardiomyopathy by CMR. *JACC: Cardiovascular Imaging*, **2012**, 5, 702-11	8.4	29

141	Elastic properties of aortic wall in patients with bicuspid aortic valve by magnetic resonance imaging. *American Journal of Cardiology*, **2011**, 108, 81-7	3	28
140	Prognostic value of dipyridamole stress cardiac magnetic resonance in patients with known or suspected coronary artery disease: a mid-term follow-up study. *European Radiology*, **2016**, 26, 2155-65	8	28
139	Usefulness of Combined Functional Assessment by Cardiac Magnetic Resonance and Tissue Characterization Versus Task Force Criteria for Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy. *American Journal of Cardiology*, **2016**, 118, 1730-1736	3	27
138	High concentration of C-type natriuretic peptide promotes VEGF-dependent vasculogenesis in the remodeled region of infarcted swine heart with preserved left ventricular ejection fraction. *International Journal of Cardiology*, **2013**, 168, 2426-34	3.2	24
137	Abnormal T2-STIR magnetic resonance in hypertrophic cardiomyopathy: a marker of advanced disease and electrical myocardial instability. *PLoS ONE*, **2014**, 9, e111366	3.7	24
136	The obesity paradox and myocardial infarct size. *Journal of Cardiovascular Medicine*, **2007**, 8, 713-7	1.9	24
135	Cardiovascular magnetic resonance imaging in hypertrophic cardiomyopathy: the importance of clinical context. *European Heart Journal Cardiovascular Imaging*, **2018**, 19, 601-610	4.1	23
134	Effects of somatostatin analogues on acromegalic cardiomyopathy: results from a prospective study using cardiac magnetic resonance. *Journal of Endocrinological Investigation*, **2010**, 33, 103-8	5.2	22
133	Diagnostic and prognostic role of cardiac magnetic resonance in acute myocarditis. *Heart Failure Reviews*, **2019**, 24, 81-90	5	21
132	Fat in left ventricular myocardium assessed by steady-state free precession pulse sequences. *International Journal of Cardiovascular Imaging*, **2012**, 28, 813-21	2.5	21
131	Prognostic Role of Late Gadolinium Enhancement in Patients With Hypertrophic Cardiomyopathy and Low-to-Intermediate Sudden Cardiac Death Risk Score. *American Journal of Cardiology*, **2019**, 124, 1286-1292	3	20
130	Usefulness of India ink artifact in steady-state free precession pulse sequences for detection and quantification of intramyocardial fat. *Journal of Magnetic Resonance Imaging*, **2014**, 40, 126-32	5.6	20
129	Clinical recommendations of cardiac magnetic resonance, Part I: ischemic and valvular heart disease: a position paper of the working group ℞Applicazioni della Risonanza Magnetica℞ of the Italian Society of Cardiology. *Journal of Cardiovascular Medicine*, **2017**, 18, 197-208	1.9	19
128	Myocardial signal intensity decay after gadolinium injection: a fast and effective method for the diagnosis of cardiac amyloidosis. *International Journal of Cardiovascular Imaging*, **2014**, 30, 1105-15	2.5	18
127	Prognostic Role of Cardiac Magnetic Resonance in Arrhythmogenic Right Ventricular Cardiomyopathy. *American Journal of Cardiology*, **2018**, 122, 1745-1753	3	18
126	Late gadolinium enhancement as a predictor of functional recovery, need for defibrillator implantation and prognosis in non-ischemic dilated cardiomyopathy. *International Journal of Cardiology*, **2018**, 250, 195-200	3.2	17
125	Relation of pain-to-balloon time and myocardial infarct size in patients transferred for primary percutaneous coronary intervention. *American Journal of Cardiology*, **2007**, 100, 28-34	3	17
124	Magnetic resonance assessment of prevalence and correlates of right ventricular abnormalities in isolated left ventricular noncompaction. *American Journal of Cardiology*, **2014**, 113, 142-6	3	16

123	How the signal-to-noise ratio influences hyperpolarized 13C dynamic MRS data fitting and parameter estimation. *NMR in Biomedicine*, **2012**, 25, 925-34	4.4	16
122	Hyperpolarized 13C MRS Cardiac Metabolism Studies in Pigs: Comparison Between Surface and Volume Radiofrequency Coils. *Applied Magnetic Resonance*, **2012**, 42, 413-428	0.8	16
121	Age-dependent changes in elastic properties of thoracic aorta evaluated by magnetic resonance in normal subjects. *Interactive Cardiovascular and Thoracic Surgery*, **2013**, 17, 674-9	1.8	16
120	Cardiac magnetic resonance findings in isolated congenital left ventricular diverticuli. *International Journal of Cardiovascular Imaging*, **2007**, 23, 43-7	2.5	16
119	Left atrial function in cardiac amyloidosis. *Journal of Cardiovascular Medicine*, **2016**, 17, 113-21	1.9	16
118	A fast and effective method to assess myocardial hyperemia in acute myocarditis by magnetic resonance. *International Journal of Cardiovascular Imaging*, **2014**, 30, 629-37	2.5	15
117	Detection of myocardial iron overload by two-dimensional speckle tracking in patients with beta-thalassaemia major: a combined echocardiographic and T2* segmental CMR study. *International Journal of Cardiovascular Imaging*, **2018**, 34, 263-271	2.5	15
116	Clinical recommendations of cardiac magnetic resonance, Part II: inflammatory and congenital heart disease, cardiomyopathies and cardiac tumors: a position paper of the working group Applicazioni della Risonanza Magnetica of the Italian Society of Cardiology. *Journal of Cardiovascular Medicine*, **2017**, 18, 269-282	1.9	14
115	Role of tissue characterization by Cardiac Magnetic Resonance in the diagnosis of constrictive pericarditis. *International Journal of Cardiovascular Imaging*, **2015**, 31, 1021-31	2.5	14
114	Role of right ventricular involvement in acute myocarditis, assessed by cardiac magnetic resonance. *International Journal of Cardiology*, **2018**, 271, 359-365	3.2	14
113	Impact of early abciximab administration on infarct size in patients with ST-elevation myocardial infarction. *International Journal of Cardiology*, **2012**, 155, 230-5	3.2	14
112	Prognostic Impact of Late Gadolinium Enhancement by Cardiovascular Magnetic Resonance in Myocarditis: A Systematic Review and Meta-Analysis. *Circulation: Cardiovascular Imaging*, **2021**, 14, e011492	3.9	14
111	Autonomic, functional, skeletal muscle, and cardiac abnormalities are associated with increased ergoreflex sensitivity in mitochondrial disease. *European Journal of Heart Failure*, **2017**, 19, 1701-1709	12.3	13
110	Right ventricular dysfunction: an independent and incremental predictor of cardiac deaths late after acute myocardial infarction. *International Journal of Cardiovascular Imaging*, **2015**, 31, 379-87	2.5	13
109	Diastolic dysfunction evaluated by cardiac magnetic resonance: the value of the combined assessment of atrial and ventricular function. *European Radiology*, **2019**, 29, 1555-1564	8	13
108	3D CMR mapping of metabolism by hyperpolarized 13C-pyruvate in ischemia-reperfusion. *JACC: Cardiovascular Imaging*, **2013**, 6, 743-4	8.4	13
107	Quantitative criteria for the diagnosis of the congenital absence of pericardium by cardiac magnetic resonance. *European Journal of Radiology*, **2016**, 85, 616-24	4.7	12
106	Aortic elasticity indices by magnetic resonance predict progression of ascending aorta dilation. *European Radiology*, **2017**, 27, 1395-1403	8	12

105	Early Detection of Cardiac Involvement in Systemic Sclerosis: The Added Value of Magnetic Resonance Imaging. *JACC: Cardiovascular Imaging*, **2019**, 12, 927-928	8.4	12
104	Early or deferred cardiovascular magnetic resonance after ST-segment-elevation myocardial infarction for effective risk stratification. *European Heart Journal Cardiovascular Imaging*, **2020**, 21, 632-639	4.1	12
103	Severity of regional myocardial dysfunction is not affected by cardiomyocyte apoptosis in non-ischemic heart failure. *Pharmacological Research*, **2011**, 63, 207-15	10.2	11
102	Lipomatous metaplasia in ischemic cardiomyopathy: current knowledge and clinical perspective. *International Journal of Cardiology*, **2011**, 146, 120-2	3.2	11
101	Appropriate use criteria for cardiovascular magnetic resonance imaging (CMR): SIC-SIRM position paper part 1 (ischemic and congenital heart diseases, cardio-oncology, cardiac masses and heart transplant). *Radiologia Medica*, **2021**, 126, 365-379	6.5	11
100	Implications of atrial volumes in surgical corrected Tetralogy of Fallot on clinical adverse events. *International Journal of Cardiology*, **2019**, 283, 107-111	3.2	10
99	Cardiac magnetic resonance "virtual catheterization" for the quantification of valvular regurgitations and cardiac shunt. *Journal of Cardiovascular Medicine*, **2015**, 16, 663-70	1.9	10
98	Myocardial blood flow and fibrosis in hypertrophic cardiomyopathy. *Journal of Cardiac Failure*, **2011**, 17, 384-91	3.3	10
97	Deep learning to diagnose cardiac amyloidosis from cardiovascular magnetic resonance. *Journal of Cardiovascular Magnetic Resonance*, **2020**, 22, 84	6.9	10
96	Magnetic resonance imaging of infarct-induced canonical wingless/integrated (Wnt)/β-catenin/T-cell factor pathway activation, in vivo. *Cardiovascular Research*, **2016**, 112, 645-655	9.9	10
95	Postmortem cardiac magnetic resonance in sudden cardiac death. *Heart Failure Reviews*, **2018**, 23, 651-665	3.5	9
94	Different substrates of non-sustained ventricular tachycardia in post-infarction patients with and without left ventricular dilatation. *Journal of Cardiac Failure*, **2010**, 16, 61-8	3.3	9
93	Contrast media in cardiovascular magnetic resonance. *Current Pharmaceutical Design*, **2005**, 11, 2151-61	3.3	9
92	Left ventricular noncompaction, morphological, and clinical features for an integrated diagnosis. *Heart Failure Reviews*, **2019**, 24, 315-323	5	9
91	Clinical importance of late gadolinium enhancement at right ventricular insertion points in otherwise normal hearts. *International Journal of Cardiovascular Imaging*, **2020**, 36, 913-920	2.5	8
90	Accuracy of right atrial pressure estimation using a multi-parameter approach derived from inferior vena cava semi-automated edge-tracking echocardiography: a pilot study in patients with cardiovascular disorders. *International Journal of Cardiovascular Imaging*, **2020**, 36, 1213-1225	2.5	7
89	Improving sodium Magnetic Resonance in humans by design of a dedicated 23Na surface coil. *Measurement: Journal of the International Measurement Confederation*, **2014**, 50, 285-292	4.6	7
88	Influence of preload and afterload on stroke volume response to low-dose dobutamine stress in patients with non-ischemic heart failure: a cardiac MR study. *International Journal of Cardiology*, **2013**, 166, 475-81	3.2	7

87	Giant solitary fibrous tumor of the epicardium causing reversible heart failure. *Annals of Thoracic Surgery*, **2013**, 96, e49-51	2.7	7
86	Comparison of different prediction models for the indication of implanted cardioverter defibrillator in patients with arrhythmogenic right ventricular cardiomyopathy. *ESC Heart Failure*, **2020**, 7, 4080	3.7	7
85	Late gadolinium enhancement role in arrhythmic risk stratification of patients with LMNA cardiomyopathy: results from a long-term follow-up multicentre study. *Europace*, **2020**, 22, 1864-1872	3.9	7
84	Pulmonary blood volume index as a quantitative biomarker of haemodynamic congestion in hypertrophic cardiomyopathy. *European Heart Journal Cardiovascular Imaging*, **2019**, 20, 1368-1376	4.1	6
83	Late Gadolinium Enhancement-Dispersion Mapping: A New Magnetic Resonance Imaging Technique to Assess Prognosis in Patients With Hypertrophic Cardiomyopathy and Low-Intermediate 5-Year Risk of Sudden Death. *Circulation: Cardiovascular Imaging*, **2020**, 13, e010489	3.9	6
82	Biomolecular imaging of C-butyrate with dissolution-DNP: Polarization enhancement and formulation for in vivo studies. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 199, 153-160	4.4	6
81	Cocaine assumption and transient myocardial edema in asymptomatic cocaine heavy-users. *International Journal of Cardiology*, **2014**, 173, 614-5	3.2	6
80	Left and right ventricular morphology, function and late gadolinium enhancement extent and localization change with different clinical presentation of acute myocarditis Data from the ITAlian multicenter study on MYocarditis (ITAMY). *Journal of Cardiovascular Medicine*, **2017**, 18, 881-887	1.9	6
79	Design and simulation of a dual-tuned 1H/23Na birdcage coil for MRS studies in human calf. *Applied Magnetic Resonance*, **2015**, 46, 1221-1238	0.8	6
78	A radiofrequency system for in vivo hyperpolarized C MRS experiments in mice with a 3T MRI clinical scanner. *Scanning*, **2016**, 38, 710-719	1.6	6
77	Advanced imaging techniques (CT and MR): Gender-based diagnostic work-up in ischemic heart disease?. *International Journal of Cardiology*, **2019**, 286, 234-238	3.2	6
76	Assessment of atrial diastolic function in patients with hypertrophic cardiomyopathy by cine magnetic resonance imaging. *Radiologia Medica*, **2015**, 120, 714-22	6.5	5
75	Arrhythmic risk stratification by cardiac magnetic resonance tissue characterization: disclosing the arrhythmic substrate within the heart muscle. *Heart Failure Reviews*, **2020**, 1	5	5
74	Cardiac magnetic resonance in cocaine-induced myocardial damage: cocaine, heart, and magnetic resonance. *Heart Failure Reviews*, **2020**, 1	5	5
73	Diphosphonate single-photon emission computed tomography in cardiac transthyretin amyloidosis. *International Journal of Cardiology*, **2020**, 307, 187-192	3.2	5
72	Cardiac Magnetic Resonance Myocardial Perfusion After Arterial Switch for Transposition of Great Arteries. *JACC: Cardiovascular Imaging*, **2018**, 11, 778-779	8.4	5
71	Transmit-Only/Receive-Only Radiofrequency System for Hyperpolarized 13C MRS Cardiac Metabolism Studies in Pigs. *Applied Magnetic Resonance*, **2013**, 44, 1125-1138	0.8	5
70	A fast and effective method of quantifying myocardial perfusion by magnetic resonance imaging. *International Journal of Cardiovascular Imaging*, **2013**, 29, 1313-24	2.5	5

69	Apoptotic transcriptional profile remains activated in late remodeled left ventricle after myocardial infarction in swine infarcted hearts with preserved ejection fraction. *Pharmacological Research*, **2013**, 70, 41-9	10.2	5
68	Prognostic role of isolated left ventricular diverticuli detected by cardiovascular magnetic resonance. *Journal of Cardiovascular Medicine*, **2015**, 16, 562-7	1.9	5
67	Cardiac Metabolism in a Pig Model of IschemiaReperfusion by Cardiac Magnetic Resonance with Hyperpolarized 13C-Pyruvate. *IJC Metabolic & Endocrine*, **2015**, 6, 17-23		5
66	Simultaneous visualization of myocardial scar, no-reflow phenomenon, ventricular and atrial thrombi by cardiac magnetic resonance. *International Journal of Cardiology*, **2007**, 115, e10-1	3.2	5
65	The Multi-modality Cardiac Imaging Approach to Cardiac Sarcoidosis. *Current Medical Imaging*, **2019** , 15, 10-20	1.2	5
64	Usefulness of late gadolinium enhancement MRI combined with stress imaging in predictive significant coronary stenosis in new-diagnosed left ventricular dysfunction. *International Journal of Cardiology*, **2016**, 224, 337-342	3.2	5
63	Biventricular Reference Values by Body Surface Area, Age, and Gender in a Large Cohort of Well-Treated Thalassemia Major Patients Without Heart Damage Using a Multiparametric CMR Approach. *Journal of Magnetic Resonance Imaging*, **2021**, 53, 61-70	5.6	5
62	Cardiac Magnetic Resonance Evaluation of Pulmonary Transit Time and Blood Volume in Adult Congenital Heart disease. *Journal of Magnetic Resonance Imaging*, **2019**, 50, 779-786	5.6	4
61	Cardiovascular magnetic resonance for the diagnosis and management of heart failure with preserved ejection fraction. *Heart Failure Reviews*, **2020**, 1	5	4
60	The extent and location of late gadolinium enhancement predict defibrillator shock and cardiac mortality in patients with non-ischaemic dilated cardiomyopathy. *International Journal of Cardiology*, **2020**, 307, 180-186	3.2	4
59	16-Channel Surface Coil for 13C-Hyperpolarized Spectroscopic Imaging of Cardiac Metabolism in Pig Heart. *Journal of Medical and Biological Engineering*, **2016**, 36, 53-61	2.2	4
58	Asymptomatic Takayasu Aortitis Complicated by Type B Dissection. *Circulation*, **2015**, 132, e254-5	16.7	4
57	Cardiovascular magnetic resonance: What clinicians should know about safety and contraindications. *International Journal of Cardiology*, **2021**, 331, 322-328	3.2	4
56	Post-discharge arrhythmic risk stratification of patients with acute myocarditis and life-threatening ventricular tachyarrhythmias. *European Journal of Heart Failure*, **2021**,	12.3	4
55	Magnetic Resonance Imaging Correlates of Left Bundle Branch Disease in Patients With Nonischemic Cardiomyopathy. *American Journal of Cardiology*, **2018**, 121, 370-376	3	4
54	Cardiac tamponade due to apixaban therapy in patient with unknown pericardial hemangioma. *Internal and Emergency Medicine*, **2018**, 13, 297-299	3.7	3
53	Simulation, design, and test of an elliptical surface coil for magnetic resonance imaging and spectroscopy **2017**, 47B, e21361		3
52	A fast and simple method for calibrating the flip angle in hyperpolarized13C MRS experiments **2015**, 45, 78-84		3

51	Rare presentation of asymptomatic pericardial effusion: hemangioma of the atrioventricular groove in cardiac magnetic resonance imaging. *Circulation*, **2014**, 130, e15-7	16.7	3
50	Three-year follow-up with cardiac magnetic resonance in a patient with biventricular non-compaction cardiomyopathy. *International Journal of Cardiology*, **2008**, 129, e74-6	3.2	3
49	Post-Mortem Cardiac Magnetic Resonance for the Diagnosis of Hypertrophic Cardiomyopathy. *Diagnostics*, **2020**, 10,	3.8	3
48	Lung magnetic resonance imaging in systemic sclerosis: a new promising approach to evaluate pulmonary involvement and progression. *Clinical Rheumatology*, **2021**, 40, 1903-1912	3.9	3
47	Prominent T wave in V2 with respect to V6 as a sign of lateral myocardial infarction. *International Journal of Cardiology*, **2015**, 189, 148-52	3.2	2
46	The Role of MRI in Prognostic Stratification of Cardiomyopathies. *Current Cardiology Reports*, **2020**, 22, 61	4.2	2
45	The heart after idarubicin overdose. Cardiac death in a patient with acute promyelocitic leukaemia. *International Journal of Cardiology*, **2016**, 203, 997-9	3.2	2
44	CMR-based characterization of cardiac amyloidosis. *JACC: Cardiovascular Imaging*, **2014**, 7, 1067-8	8.4	2
43	High-risk patients with mild-moderate left ventricular dysfunction after a previous myocardial infarction. A long-term prognostic data by cardiac magnetic resonance. *International Journal of Cardiology*, **2017**, 245, 13-19	3.2	2
42	Response to letters regarding article, "Myocardial fibrosis as a key determinant of left ventricular remodeling in idiopathic dilated cardiomyopathy: a contrast-enhanced cardiovascular magnetic study". *Circulation: Cardiovascular Imaging*, **2013**, 6, e79	3.9	2
41	Functional Magnetic Resonance Imaging in the Evaluation of the Elastic Properties of Ascending Aortic Aneurysm. *Brazilian Journal of Cardiovascular Surgery*, **2019**, 34, 451-457	1.1	2
40	Electromechanical dissociation of left atrium in patients with Cardiac Amyloidosis by Magnetic Resonance: Prognostic and clinical correlates. *IJC Heart and Vasculature*, **2020**, 31, 100633	2.4	2
39	The Role of Cardiovascular Magnetic Resonance in ARVC. *Current Cardiology Reports*, **2021**, 23, 56	4.2	2
38	Appropriate use criteria for cardiovascular MRI: SIC - SIRM position paper Part 2 (myocarditis, pericardial disease, cardiomyopathies and valvular heart disease). *Journal of Cardiovascular Medicine*, **2021**, 22, 515-529	1.9	2
37	Clinical Value and Prognostic Impact of Pericardial Involvement in Acute Myocarditis. *Circulation: Cardiovascular Imaging*, **2019**, 12, e008504	3.9	2
36	Radio Frequency Coils for Hyperpolarized 13C Magnetic Resonance Experiments with a 3T MR Clinical Scanner: Experience from a Cardiovascular Lab. *Electronics (Switzerland)*, **2021**, 10, 366	2.6	2
35	Letter by Barison et al Regarding Article, "Treatment of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia: An International Task Force Consensus Statement". *Circulation*, **2016**, 133, e436	16.7	1
34	Letter by Barison et al regarding article, "Cardiac magnetic resonance postcontrast T1 time is associated with outcome in patients with heart failure and preserved ejection fraction". *Circulation: Cardiovascular Imaging*, **2014**, 7, 414	3.9	1

33	Do mechanical markers of myocardial ischaemia predict the transmural extent of myocardial infarction in man?. *Journal of Cardiovascular Medicine*, **2006**, 7, 400-5	1.9	1
32	Overview of imaging in adult- and childhood-onset Takayasu arteritis. *Journal of Rheumatology*, **2021**,	4.1	1
31	Prevalence and prognostic impact of nonischemic late gadolinium enhancement in stress cardiac magnetic resonance. *Journal of Cardiovascular Medicine*, **2020**, 21, 980-985	1.9	1
30	70 Deep learning to diagnose cardiac amyloidosis from cardiac magnetic resonance findings. *European Heart Journal Supplements*, **2020**, 22, N116-N130	1.5	1
29	Mitral valve prolapse and partial saw-tooth cardiomyopathy: an unusual combination. *Journal of Cardiovascular Medicine*, **2020**, 21, 829-830	1.9	1
28	What Is Hidden Behind Inferior Negative T Waves: Multiple Cardiac Glomangiomas. *JACC: Case Reports*, **2019**, 1, 657-662	1.2	1
27	Myocardial salvage is increased after sympathetic renal denervation in a pig model of acute infarction. *Clinical Research in Cardiology*, **2021**, 110, 711-724	6.1	1
26	Morphologies and prognostic significance of left ventricular volume/time curves with cardiac magnetic resonance in patients with non-ischaemic heart failure and left bundle branch block. *International Journal of Cardiovascular Imaging*, **2021**, 37, 2245-2255	2.5	1
25	Sodium Radiofrequency Coils for Magnetic Resonance: From Design to Applications. *Electronics (Switzerland)*, **2021**, 10, 1788	2.6	1
24	Prognostic role of global longitudinal strain by feature tracking in patients with hypertrophic cardiomyopathy: The STRAIN-HCM study. *International Journal of Cardiology*, **2021**, 345, 61-67	3.2	0
23	Non-transmural myocardial infarction associated with regional contractile function is an independent predictor of positive outcome: an integrated approach to myocardial viability. *Journal of Cardiovascular Magnetic Resonance*, **2021**, 23, 121	6.9	0
22	Prognostic Role of Left Ventricular Intramyocardial Fatty Metaplasia in Patients With Previous Myocarditis (MYOFAT Study). *American Journal of Cardiology*, **2021**, 143, 135-144	3	0
21	Post-mortem CMR in a model of sudden death due to myocardial ischemia: validation with connexin-43. *European Radiology*, **2021**, 31, 8098-8107	8	0
20	Twelve Years of Follow-Up With Serial Cardiac Magnetic Resonance Scans in Erdheim-Chester Disease With Cardiovascular Involvement. *Circulation: Cardiovascular Imaging*, **2019**, 12, e008808	3.9	
19	Progression of myocardial fibrosis in hypertrophic cardiomyopathy. *Heart*, **2015**, 101, 1602	5.1	
18	Thrombus-like small apical fibroma in patient with left ventricular dysfunction and thrombophilia: an unusual presentation. *Journal of Cardiovascular Medicine*, **2016**, 17 Suppl 2, e214-e215	1.9	
17	Clinical importance of follow-up scans to detect cardiomyopathies with delayed phenotypic expression. *European Heart Journal Cardiovascular Imaging*, **2016**, 17, 950	4.1	
16	Letter by Aquaro et al Regarding Article, "Prognostic Value of Late Gadolinium Enhancement Cardiovascular Magnetic Resonance in Cardiac Amyloidosis". *Circulation*, **2016**, 133, e448	16.7	

15	Myocardial extracellular volume measurement by cardiac magnetic resonance. *JACC: Cardiovascular Imaging*, **2014**, 7, 106-7	8.4
14	A negative LGE is inconclusive to exclude an early cardiac amyloidosis: it's the time for a T1 mapping in clinical practice. *International Journal of Cardiology*, **2017**, 247, 45	3.2
13	Reply to letter to the Editor "Cardiac Imaging Stress Techniques: How fishing in the high-tech pot". *International Journal of Cardiology*, **2017**, 229, 62	3.2
12	Letter by Barison et al Regarding Article, "Familial Clustering of Mitral Valve Prolapse in the Community". *Circulation*, **2015**, 132, e186	16.7
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10	Letter by Aquaro et al regarding article, "intermediate-signal-intensity late gadolinium enhancement predicts ventricular tachyarrhythmias in patients with hypertrophic cardiomyopathy". *Circulation: Cardiovascular Imaging*, **2012**, 5, e38	3.9
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