

Giovanni Donato Aquaro

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.

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|--------------------|-------------------------|----------------|-----------------|
| 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 | CMR predictors of secondary moderate-to-severe mitral regurgitation and its additive prognostic role in previous myocardial infarction. <i>Journal of Cardiology</i> , 2022 , 79, 90-97 | 3 | 0 |
| 175 | A unique case of right ventricular myxoma concealed within a thrombus in a patient with Crohn's disease: a problem unresolved even with advanced cardiac MRI.. <i>Journal of Cardiovascular Medicine</i> , 2022 , 23, 272-274 | 1.9 | 0 |
| 174 | Overview of imaging in adult- and childhood-onset Takayasu arteritis. <i>Journal of Rheumatology</i> , 2021 , | 4.1 | 1 |
| 173 | Prognostic role of global longitudinal strain by feature tracking in patients with hypertrophic cardiomyopathy: The STRAIN-HCM study. <i>International Journal of Cardiology</i> , 2021 , 345, 61-67 | 3.2 | 0 |
| 172 | Non-transmural myocardial infarction associated with regional contractile function is an independent predictor of positive outcome: an integrated approach to myocardial viability. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 121 | 6.9 | 0 |
| 171 | Prognostic Role of Left Ventricular Intramyocardial Fatty Metaplasia in Patients With Previous Myocarditis (MYOFAT Study). <i>American Journal of Cardiology</i> , 2021 , 143, 135-144 | 3 | 0 |
| 170 | Post-mortem CMR in a model of sudden death due to myocardial ischemia: validation with connexin-43. <i>European Radiology</i> , 2021 , 31, 8098-8107 | 8 | 0 |
| 169 | The Role of Cardiovascular Magnetic Resonance in ARVC. <i>Current Cardiology Reports</i> , 2021 , 23, 56 | 4.2 | 2 |
| 168 | Cardiovascular magnetic resonance: What clinicians should know about safety and contraindications. <i>International Journal of Cardiology</i> , 2021 , 331, 322-328 | 3.2 | 4 |
| 167 | Appropriate use criteria for cardiovascular MRI: SIC - SIRM position paper Part 2 (myocarditis, pericardial disease, cardiomyopathies and valvular heart disease). <i>Journal of Cardiovascular Medicine</i> , 2021 , 22, 515-529 | 1.9 | 2 |
| 166 | Post-discharge arrhythmic risk stratification of patients with acute myocarditis and life-threatening ventricular tachyarrhythmias. <i>European Journal of Heart Failure</i> , 2021 , | 12.3 | 4 |
| 165 | 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. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 53, 61-70 | 5.6 | 5 |
| 164 | Myocardial salvage is increased after sympathetic renal denervation in a pig model of acute infarction. <i>Clinical Research in Cardiology</i> , 2021 , 110, 711-724 | 6.1 | 1 |
| 163 | Lung magnetic resonance imaging in systemic sclerosis: a new promising approach to evaluate pulmonary involvement and progression. <i>Clinical Rheumatology</i> , 2021 , 40, 1903-1912 | 3.9 | 3 |
| 162 | Radio Frequency Coils for Hyperpolarized ¹³ C Magnetic Resonance Experiments with a 3T MR Clinical Scanner: Experience from a Cardiovascular Lab. <i>Electronics (Switzerland)</i> , 2021 , 10, 366 | 2.6 | 2 |
| 161 | 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. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 2245-2255 | 2.5 | 1 |
| 160 | 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). <i>Radiologia Medica</i> , 2021 , 126, 365-379 | 6.5 | 11 |

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| 159 | Sodium Radiofrequency Coils for Magnetic Resonance: From Design to Applications. <i>Electronics (Switzerland)</i> , 2021 , 10, 1788 | 2.6 | 1 |
| 158 | Prognostic Impact of Late Gadolinium Enhancement by Cardiovascular Magnetic Resonance in Myocarditis: A Systematic Review and Meta-Analysis. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e011492 | 3.9 | 14 |
| 157 | Prognostic Value of Magnetic Resonance Phenotype in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2753-2765 | 15.1 | 35 |
| 156 | Arrhythmic risk stratification by cardiac magnetic resonance tissue characterization: disclosing the arrhythmic substrate within the heart muscle. <i>Heart Failure Reviews</i> , 2020 , 1 | 5 | 5 |
| 155 | Cardiovascular magnetic resonance for the diagnosis and management of heart failure with preserved ejection fraction. <i>Heart Failure Reviews</i> , 2020 , 1 | 5 | 4 |
| 154 | Cardiac magnetic resonance in cocaine-induced myocardial damage: cocaine, heart, and magnetic resonance. <i>Heart Failure Reviews</i> , 2020 , 1 | 5 | 5 |
| 153 | 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. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010489 | 3.9 | 6 |
| 152 | The Role of MRI in Prognostic Stratification of Cardiomyopathies. <i>Current Cardiology Reports</i> , 2020 , 22, 61 | 4.2 | 2 |
| 151 | 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. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 1213-1225 | 2.5 | 7 |
| 150 | Clinical importance of late gadolinium enhancement at right ventricular insertion points in otherwise normal hearts. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 913-920 | 2.5 | 8 |
| 149 | The extent and location of late gadolinium enhancement predict defibrillator shock and cardiac mortality in patients with non-ischaemic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2020 , 307, 180-186 | 3.2 | 4 |
| 148 | Diphosphonate single-photon emission computed tomography in cardiac transthyretin amyloidosis. <i>International Journal of Cardiology</i> , 2020 , 307, 187-192 | 3.2 | 5 |
| 147 | Iatrogenic pulmonary artery dissection in patient with ostium secundum interatrial septum defect. <i>Journal of the Saudi Heart Association</i> , 2020 , 32, 123-126 | 0.7 | |
| 146 | Prevalence and prognostic impact of nonischemic late gadolinium enhancement in stress cardiac magnetic resonance. <i>Journal of Cardiovascular Medicine</i> , 2020 , 21, 980-985 | 1.9 | 1 |
| 145 | 70 Deep learning to diagnose cardiac amyloidosis from cardiac magnetic resonance findings. <i>European Heart Journal Supplements</i> , 2020 , 22, N116-N130 | 1.5 | 1 |
| 144 | Comparison of different prediction models for the indication of implanted cardioverter defibrillator in patients with arrhythmogenic right ventricular cardiomyopathy. <i>ESC Heart Failure</i> , 2020 , 7, 4080 | 3.7 | 7 |
| 143 | Electromechanical dissociation of left atrium in patients with Cardiac Amyloidosis by Magnetic Resonance: Prognostic and clinical correlates. <i>IJC Heart and Vasculature</i> , 2020 , 31, 100633 | 2.4 | 2 |
| 142 | Post-Mortem Cardiac Magnetic Resonance for the Diagnosis of Hypertrophic Cardiomyopathy. <i>Diagnostics</i> , 2020 , 10, | 3.8 | 3 |

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| 141 | Late gadolinium enhancement role in arrhythmic risk stratification of patients with LMNA cardiomyopathy: results from a long-term follow-up multicentre study. <i>Europace</i> , 2020 , 22, 1864-1872 | 3.9 | 7 |
| 140 | Reply: Diagnosis and Prognosis of Arrhythmogenic Left Ventricular Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 1388-1389 | 15.1 | |
| 139 | Mitral valve prolapse and partial saw-tooth cardiomyopathy: an unusual combination. <i>Journal of Cardiovascular Medicine</i> , 2020 , 21, 829-830 | 1.9 | 1 |
| 138 | Deep learning to diagnose cardiac amyloidosis from cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 84 | 6.9 | 10 |
| 137 | Early or deferred cardiovascular magnetic resonance after ST-segment-elevation myocardial infarction for effective risk stratification. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 632-639 | 4.1 | 12 |
| 136 | Reply: Myocardial Edema and Remodeling: A Link Between Acute Myocarditis and Septic Cardiomyopathy?. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1498 | 15.1 | |
| 135 | Pulmonary blood volume index as a quantitative biomarker of haemodynamic congestion in hypertrophic cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1368-1376 | 4.1 | 6 |
| 134 | MicroRNA therapy stimulates uncontrolled cardiac repair after myocardial infarction in pigs. <i>Nature</i> , 2019 , 569, 418-422 | 50.4 | 194 |
| 133 | Cardiac Magnetic Resonance Evaluation of Pulmonary Transit Time and Blood Volume in Adult Congenital Heart disease. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 779-786 | 5.6 | 4 |
| 132 | Meta-Analysis of the Prognostic Role of Late Gadolinium Enhancement and Global Systolic Impairment in Left Ventricular Noncompaction. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2141-2151 | 8.4 | 40 |
| 131 | Implications of atrial volumes in surgical corrected Tetralogy of Fallot on clinical adverse events. <i>International Journal of Cardiology</i> , 2019 , 283, 107-111 | 3.2 | 10 |
| 130 | Twelve Years of Follow-Up With Serial Cardiac Magnetic Resonance Scans in Erdheim-Chester Disease With Cardiovascular Involvement. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008808 | 3.9 | |
| 129 | Diagnostic and prognostic role of cardiac magnetic resonance in acute myocarditis. <i>Heart Failure Reviews</i> , 2019 , 24, 81-90 | 5 | 21 |
| 128 | Diastolic dysfunction evaluated by cardiac magnetic resonance: the value of the combined assessment of atrial and ventricular function. <i>European Radiology</i> , 2019 , 29, 1555-1564 | 8 | 13 |
| 127 | Prognostic Role of Late Gadolinium Enhancement in Patients With Hypertrophic Cardiomyopathy and Low-to-Intermediate Sudden Cardiac Death Risk Score. <i>American Journal of Cardiology</i> , 2019 , 124, 1286-1292 | 3 | 20 |
| 126 | Prognostic Value of Repeating Cardiac Magnetic Resonance in Patients With Acute Myocarditis. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2439-2448 | 15.1 | 50 |
| 125 | The Multi-modality Cardiac Imaging Approach to Cardiac Sarcoidosis. <i>Current Medical Imaging</i> , 2019 , 15, 10-20 | 1.2 | 5 |
| 124 | Functional Magnetic Resonance Imaging in the Evaluation of the Elastic Properties of Ascending Aortic Aneurysm. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2019 , 34, 451-457 | 1.1 | 2 |

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| 123 | Clinical Value and Prognostic Impact of Pericardial Involvement in Acute Myocarditis. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008504 | 3.9 | 2 |
| 122 | Extracellular Volume in Dilated Cardiac Myopathy: A New Prognostic Marker on Top of Late Gadolinium Enhancement?. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2586-2587 | 8.4 | |
| 121 | What Is Hidden Behind Inferior Negative T Waves: Multiple Cardiac Glomangiomas. <i>JACC: Case Reports</i> , 2019 , 1, 657-662 | 1.2 | 1 |
| 120 | Usefulness of Triiodothyronine Replacement Therapy in Patients With ST Elevation Myocardial Infarction and Borderline/Reduced Triiodothyronine Levels (from the THIRST Study). <i>American Journal of Cardiology</i> , 2019 , 123, 905-912 | 3 | 32 |
| 119 | Early Detection of Cardiac Involvement in Systemic Sclerosis: The Added Value of Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 927-928 | 8.4 | 12 |
| 118 | Advanced imaging techniques (CT and MR): Gender-based diagnostic work-up in ischemic heart disease?. <i>International Journal of Cardiology</i> , 2019 , 286, 234-238 | 3.2 | 6 |
| 117 | Left ventricular noncompaction, morphological, and clinical features for an integrated diagnosis. <i>Heart Failure Reviews</i> , 2019 , 24, 315-323 | 5 | 9 |
| 116 | Biomolecular imaging of C-butyrate with dissolution-DNP: Polarization enhancement and formulation for in vivo studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 199, 153-160 | 4.4 | 6 |
| 115 | Cardiovascular magnetic resonance imaging in hypertrophic cardiomyopathy: the importance of clinical context. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 601-610 | 4.1 | 23 |
| 114 | Postmortem cardiac magnetic resonance in sudden cardiac death. <i>Heart Failure Reviews</i> , 2018 , 23, 651-665 | 5 | 9 |
| 113 | Cardiac Magnetic Resonance Myocardial Perfusion After Arterial Switch for Transposition of Great Arteries. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 778-779 | 8.4 | 5 |
| 112 | Late gadolinium enhancement as a predictor of functional recovery, need for defibrillator implantation and prognosis in non-ischemic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2018 , 250, 195-200 | 3.2 | 17 |
| 111 | Cardiac tamponade due to apixaban therapy in patient with unknown pericardial hemangioma. <i>Internal and Emergency Medicine</i> , 2018 , 13, 297-299 | 3.7 | 3 |
| 110 | Role of right ventricular involvement in acute myocarditis, assessed by cardiac magnetic resonance. <i>International Journal of Cardiology</i> , 2018 , 271, 359-365 | 3.2 | 14 |
| 109 | Pericardial Agenesis as a Rather Unusual Cause of Palpitations: We Only See What we Know. <i>Journal of Cardiovascular Echography</i> , 2018 , 28, 189-190 | 0.6 | |
| 108 | Magnetic Resonance Imaging Correlates of Left Bundle Branch Disease in Patients With Nonischemic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2018 , 121, 370-376 | 3 | 4 |
| 107 | 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. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 813-825 | 8.4 | 47 |
| 106 | Detection of myocardial iron overload by two-dimensional speckle tracking in patients with beta-thalassaemia major: a combined echocardiographic and T2* segmental CMR study. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 263-271 | 2.5 | 15 |

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| 105 | Prognostic Role of Cardiac Magnetic Resonance in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>American Journal of Cardiology</i> , 2018 , 122, 1745-1753 | 3 | 18 |
| 104 | Autonomic, functional, skeletal muscle, and cardiac abnormalities are associated with increased ergoreflex sensitivity in mitochondrial disease. <i>European Journal of Heart Failure</i> , 2017 , 19, 1701-1709 | 12.3 | 13 |
| 103 | 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. <i>Journal of Cardiovascular Medicine</i> , 2017 , 18, 197-208 | 1.9 | 19 |
| 102 | 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. <i>Journal of Cardiovascular Medicine</i> , 2017 , 18, 209-222 | 1.9 | 14 |
| 101 | Cardiac MR With Late Gadolinium Enhancement in Acute Myocarditis With Preserved Systolic Function: ITAMY Study. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1977-1987 | 15.1 | 195 |
| 100 | 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). <i>Journal of Cardiovascular Medicine</i> , 2017 , 18, 881-887 | 1.9 | 6 |
| 99 | A negative LGE is inconclusive to exclude an early cardiac amyloidosis: it's the time for a T1 mapping in clinical practice. <i>International Journal of Cardiology</i> , 2017 , 247, 45 | 3.2 | |
| 98 | High-risk patients with mild-moderate left ventricular dysfunction after a previous myocardial infarction. A long-term prognostic data by cardiac magnetic resonance. <i>International Journal of Cardiology</i> , 2017 , 245, 13-19 | 3.2 | 2 |
| 97 | Reference values of cardiac volumes, dimensions, and new functional parameters by MR: A multicenter, multivendor study. <i>Journal of Magnetic Resonance Imaging</i> , 2017 , 45, 1055-1067 | 5.6 | 62 |
| 96 | Reply to letter to the Editor "Cardiac Imaging Stress Techniques: How fishing in the high-tech pot". <i>International Journal of Cardiology</i> , 2017 , 229, 62 | 3.2 | |
| 95 | Aortic elasticity indices by magnetic resonance predict progression of ascending aorta dilation. <i>European Radiology</i> , 2017 , 27, 1395-1403 | 8 | 12 |
| 94 | Simulation, design, and test of an elliptical surface coil for magnetic resonance imaging and spectroscopy 2017 , 47B, e21361 | | 3 |
| 93 | Diagnosis of Primary Cardiac Malignancies: Magnetic Resonance 2017 , 381-395 | | |
| 92 | Shortness of Breath on Exertion: A (Cardiac Magnetic Resonance) Picture is Worth a Thousand Words. <i>Journal of Cardiovascular Echography</i> , 2017 , 27, 159-160 | 0.6 | |
| 91 | Letter by Barison et al Regarding Article, "Treatment of Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia: An International Task Force Consensus Statement". <i>Circulation</i> , 2016 , 133, e436 | 16.7 | 1 |
| 90 | Usefulness of Combined Functional Assessment by Cardiac Magnetic Resonance and Tissue Characterization Versus Task Force Criteria for Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy. <i>American Journal of Cardiology</i> , 2016 , 118, 1730-1736 | 3 | 27 |
| 89 | Long-Term Prognostic Value of Cardiac Magnetic Resonance in Left Ventricle Noncompaction: A Prospective Multicenter Study. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2166-2181 | 15.1 | 83 |
| 88 | Thrombus-like small apical fibroma in patient with left ventricular dysfunction and thrombophilia: an unusual presentation. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17 Suppl 2, e214-e215 | 1.9 | |

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| 87 | Quantitative criteria for the diagnosis of the congenital absence of pericardium by cardiac magnetic resonance. <i>European Journal of Radiology</i> , 2016 , 85, 616-24 | 4.7 | 12 |
| 86 | The heart after idarubicin overdose. Cardiac death in a patient with acute promyelocytic leukaemia. <i>International Journal of Cardiology</i> , 2016 , 203, 997-9 | 3.2 | 2 |
| 85 | Clinical importance of follow-up scans to detect cardiomyopathies with delayed phenotypic expression. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 950 | 4.1 | |
| 84 | 16-Channel Surface Coil for ¹³ C-Hyperpolarized Spectroscopic Imaging of Cardiac Metabolism in Pig Heart. <i>Journal of Medical and Biological Engineering</i> , 2016 , 36, 53-61 | 2.2 | 4 |
| 83 | Letter by Aquaro et al Regarding Article, "Prognostic Value of Late Gadolinium Enhancement Cardiovascular Magnetic Resonance in Cardiac Amyloidosis". <i>Circulation</i> , 2016 , 133, e448 | 16.7 | |
| 82 | Left atrial function in cardiac amyloidosis. <i>Journal of Cardiovascular Medicine</i> , 2016 , 17, 113-21 | 1.9 | 16 |
| 81 | A radiofrequency system for in vivo hyperpolarized C MRS experiments in mice with a 3T MRI clinical scanner. <i>Scanning</i> , 2016 , 38, 710-719 | 1.6 | 6 |
| 80 | Prognostic value of dipyridamole stress cardiac magnetic resonance in patients with known or suspected coronary artery disease: a mid-term follow-up study. <i>European Radiology</i> , 2016 , 26, 2155-65 | 8 | 28 |
| 79 | Magnetic resonance imaging of infarct-induced canonical wingless/integrated (Wnt)/Ectenin/T-cell factor pathway activation, in vivo. <i>Cardiovascular Research</i> , 2016 , 112, 645-655 | 9.9 | 10 |
| 78 | Usefulness of late gadolinium enhancement MRI combined with stress imaging in predictive significant coronary stenosis in new-diagnosed left ventricular dysfunction. <i>International Journal of Cardiology</i> , 2016 , 224, 337-342 | 3.2 | 5 |
| 77 | Progression of myocardial fibrosis in hypertrophic cardiomyopathy. <i>Heart</i> , 2015 , 101, 1602 | 5.1 | |
| 76 | Prominent T wave in V2 with respect to V6 as a sign of lateral myocardial infarction. <i>International Journal of Cardiology</i> , 2015 , 189, 148-52 | 3.2 | 2 |
| 75 | Right ventricular dysfunction: an independent and incremental predictor of cardiac deaths late after acute myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 379-87 | 2.5 | 13 |
| 74 | Role of tissue characterization by Cardiac Magnetic Resonance in the diagnosis of constrictive pericarditis. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 1021-31 | 2.5 | 14 |
| 73 | Assessment of atrial diastolic function in patients with hypertrophic cardiomyopathy by cine magnetic resonance imaging. <i>Radiologia Medica</i> , 2015 , 120, 714-22 | 6.5 | 5 |
| 72 | Myocardial interstitial remodelling in non-ischaemic dilated cardiomyopathy: insights from cardiovascular magnetic resonance. <i>Heart Failure Reviews</i> , 2015 , 20, 731-49 | 5 | 30 |
| 71 | Letter by Barison et al Regarding Article, "Familial Clustering of Mitral Valve Prolapse in the Community". <i>Circulation</i> , 2015 , 132, e186 | 16.7 | |
| 70 | Design and simulation of a dual-tuned ¹ H/ ²³ Na birdcage coil for MRS studies in human calf. <i>Applied Magnetic Resonance</i> , 2015 , 46, 1221-1238 | 0.8 | 6 |

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| 69 | A fast and simple method for calibrating the flip angle in hyperpolarized ¹³ C MRS experiments 2015 , 45, 78-84 | | 3 |
| 68 | Real-time cardiac metabolism assessed with hyperpolarized [1-(¹³ C)]acetate in a large-animal model. <i>Contrast Media and Molecular Imaging</i> , 2015 , 10, 194-202 | 3.2 | 37 |
| 67 | Cardiac magnetic resonance Virtual catheterization for the quantification of valvular regurgitations and cardiac shunt. <i>Journal of Cardiovascular Medicine</i> , 2015 , 16, 663-70 | 1.9 | 10 |
| 66 | Prognostic significance of myocardial extracellular volume fraction in nonischemic dilated cardiomyopathy. <i>Journal of Cardiovascular Medicine</i> , 2015 , 16, 681-7 | 1.9 | 47 |
| 65 | Prognostic role of isolated left ventricular diverticuli detected by cardiovascular magnetic resonance. <i>Journal of Cardiovascular Medicine</i> , 2015 , 16, 562-7 | 1.9 | 5 |
| 64 | Early myocardial and skeletal muscle interstitial remodelling in systemic sclerosis: insights from extracellular volume quantification using cardiovascular magnetic resonance. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 74-80 | 4.1 | 55 |
| 63 | Asymptomatic Takayasu Aortitis Complicated by Type B Dissection. <i>Circulation</i> , 2015 , 132, e254-5 | 16.7 | 4 |
| 62 | Galectin-3 and myocardial fibrosis in nonischemic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2015 , 184, 96-100 | 3.2 | 44 |
| 61 | Cardiac Metabolism in a Pig Model of Ischemia/Reperfusion by Cardiac Magnetic Resonance with Hyperpolarized ¹³ C-Pyruvate. <i>IJC Metabolic & Endocrine</i> , 2015 , 6, 17-23 | | 5 |
| 60 | Measurement of myocardial amyloid deposition in systemic amyloidosis: insights from cardiovascular magnetic resonance imaging. <i>Journal of Internal Medicine</i> , 2015 , 277, 605-14 | 10.8 | 33 |
| 59 | Cocaine assumption and transient myocardial edema in asymptomatic cocaine heavy-users. <i>International Journal of Cardiology</i> , 2014 , 173, 614-5 | 3.2 | 6 |
| 58 | Improving sodium Magnetic Resonance in humans by design of a dedicated ²³ Na surface coil. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 50, 285-292 | 4.6 | 7 |
| 57 | Myocardial signal intensity decay after gadolinium injection: a fast and effective method for the diagnosis of cardiac amyloidosis. <i>International Journal of Cardiovascular Imaging</i> , 2014 , 30, 1105-15 | 2.5 | 18 |
| 56 | A fast and effective method to assess myocardial hyperemia in acute myocarditis by magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2014 , 30, 629-37 | 2.5 | 15 |
| 55 | Usefulness of India ink artifact in steady-state free precession pulse sequences for detection and quantification of intramyocardial fat. <i>Journal of Magnetic Resonance Imaging</i> , 2014 , 40, 126-32 | 5.6 | 20 |
| 54 | CMR-based characterization of cardiac amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 1067-8 | 8.4 | 2 |
| 53 | Myocardial extracellular volume measurement by cardiac magnetic resonance. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 106-7 | 8.4 | |
| 52 | Magnetic resonance assessment of prevalence and correlates of right ventricular abnormalities in isolated left ventricular noncompaction. <i>American Journal of Cardiology</i> , 2014 , 113, 142-6 | 3 | 16 |

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| 51 | Abnormal T2-STIR magnetic resonance in hypertrophic cardiomyopathy: a marker of advanced disease and electrical myocardial instability. <i>PLoS ONE</i> , 2014 , 9, e111366 | 3.7 | 24 |
| 50 | Rare presentation of asymptomatic pericardial effusion: hemangioma of the atrioventricular groove in cardiac magnetic resonance imaging. <i>Circulation</i> , 2014 , 130, e15-7 | 16.7 | 3 |
| 49 | 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". <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 414 | 3.9 | 1 |
| 48 | 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. <i>International Journal of Cardiology</i> , 2013 , 168, 2426-34 | 3.2 | 24 |
| 47 | Transmit-Only/Receive-Only Radiofrequency System for Hyperpolarized ¹³ C MRS Cardiac Metabolism Studies in Pigs. <i>Applied Magnetic Resonance</i> , 2013 , 44, 1125-1138 | 0.8 | 5 |
| 46 | 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. <i>International Journal of Cardiology</i> , 2013 , 166, 475-81 | 3.2 | 7 |
| 45 | A fast and effective method of quantifying myocardial perfusion by magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 1313-24 | 2.5 | 5 |
| 44 | Myocardial fibrosis as a key determinant of left ventricular remodeling in idiopathic dilated cardiomyopathy: a contrast-enhanced cardiovascular magnetic study. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 790-9 | 3.9 | 99 |
| 43 | 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. <i>European Heart Journal</i> , 2013 , 34, 104-11 | 9.5 | 41 |
| 42 | Apoptotic transcriptional profile remains activated in late remodeled left ventricle after myocardial infarction in swine infarcted hearts with preserved ejection fraction. <i>Pharmacological Research</i> , 2013 , 70, 41-9 | 10.2 | 5 |
| 41 | Giant solitary fibrous tumor of the epicardium causing reversible heart failure. <i>Annals of Thoracic Surgery</i> , 2013 , 96, e49-51 | 2.7 | 7 |
| 40 | 3D CMR mapping of metabolism by hyperpolarized ¹³ C-pyruvate in ischemia-reperfusion. <i>JACC: Cardiovascular Imaging</i> , 2013 , 6, 743-4 | 8.4 | 13 |
| 39 | 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". <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, e79 | 3.9 | 2 |
| 38 | Age-dependent changes in elastic properties of thoracic aorta evaluated by magnetic resonance in normal subjects. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 17, 674-9 | 1.8 | 16 |
| 37 | Assessment of real-time myocardial uptake and enzymatic conversion of hyperpolarized [1- ¹³ C]pyruvate in pigs using slice selective magnetic resonance spectroscopy. <i>Contrast Media and Molecular Imaging</i> , 2012 , 7, 85-94 | 3.2 | 37 |
| 36 | How the signal-to-noise ratio influences hyperpolarized ¹³ C dynamic MRS data fitting and parameter estimation. <i>NMR in Biomedicine</i> , 2012 , 25, 925-34 | 4.4 | 16 |
| 35 | Myocardial tuberculosis. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 186 | 1.5 | |
| 34 | Impact of early abciximab administration on infarct size in patients with ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2012 , 155, 230-5 | 3.2 | 14 |

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| 33 | Myocardial delayed enhancement in paucisymptomatic nonischemic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2012 , 157, 43-7 | 3.2 | 43 |
| 32 | Progression of myocardial fibrosis assessed with cardiac magnetic resonance in hypertrophic cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 922-9 | 15.1 | 100 |
| 31 | 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. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 1223-30 | 5 | 60 |
| 30 | Geometric assessment of asymmetric septal hypertrophic cardiomyopathy by CMR. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 702-11 | 8.4 | 29 |
| 29 | Fat in left ventricular myocardium assessed by steady-state free precession pulse sequences. <i>International Journal of Cardiovascular Imaging</i> , 2012 , 28, 813-21 | 2.5 | 21 |
| 28 | Hyperpolarized ¹³ C MRS Cardiac Metabolism Studies in Pigs: Comparison Between Surface and Volume Radiofrequency Coils. <i>Applied Magnetic Resonance</i> , 2012 , 42, 413-428 | 0.8 | 16 |
| 27 | Letter by Aquaro et al regarding article, "intermediate-signal-intensity late gadolinium enhancement predicts ventricular tachyarrhythmias in patients with hypertrophic cardiomyopathy". <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, e38 | 3.9 | |
| 26 | Severity of regional myocardial dysfunction is not affected by cardiomyocyte apoptosis in non-ischemic heart failure. <i>Pharmacological Research</i> , 2011 , 63, 207-15 | 10.2 | 11 |
| 25 | Myocardial blood flow and fibrosis in hypertrophic cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2011 , 17, 384-91 | 3.3 | 10 |
| 24 | Lipomatous metaplasia in ischemic cardiomyopathy: current knowledge and clinical perspective. <i>International Journal of Cardiology</i> , 2011 , 146, 120-2 | 3.2 | 11 |
| 23 | Elastic properties of aortic wall in patients with bicuspid aortic valve by magnetic resonance imaging. <i>American Journal of Cardiology</i> , 2011 , 108, 81-7 | 3 | 28 |
| 22 | Myocardial fibrosis in isolated left ventricular non-compaction and its relation to disease severity. <i>European Journal of Heart Failure</i> , 2011 , 13, 170-6 | 12.3 | 116 |
| 21 | Silent myocardial damage in cocaine addicts. <i>Heart</i> , 2011 , 97, 2056-62 | 5.1 | 40 |
| 20 | Right ventricular remodelling in systemic hypertension: a cardiac MRI study. <i>Heart</i> , 2011 , 97, 1257-61 | 5.1 | 31 |
| 19 | Placental stem cells pre-treated with a hyaluronan mixed ester of butyric and retinoic acid to cure infarcted pig hearts: a multimodal study. <i>Cardiovascular Research</i> , 2011 , 90, 546-56 | 9.9 | 53 |
| 18 | Hyaluronan mixed esters of butyric and retinoic acid affording myocardial survival and repair without stem cell transplantation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 9949-9961 | 5.4 | 49 |
| 17 | Cardiac magnetic resonance predicts outcome in patients with premature ventricular complexes of left bundle branch block morphology. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 1235-43 | 15.1 | 61 |
| 16 | Myocardial salvage by CMR correlates with LV remodeling and early ST-segment resolution in acute myocardial infarction. <i>JACC: Cardiovascular Imaging</i> , 2010 , 3, 45-51 | 8.4 | 77 |

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| 15 | Effects of somatostatin analogues on acromegalic cardiomyopathy: results from a prospective study using cardiac magnetic resonance. <i>Journal of Endocrinological Investigation</i> , 2010 , 33, 103-8 | 5.2 | 22 |
| 14 | Different substrates of non-sustained ventricular tachycardia in post-infarction patients with and without left ventricular dilatation. <i>Journal of Cardiac Failure</i> , 2010 , 16, 61-8 | 3.3 | 9 |
| 13 | Usefulness of delayed enhancement by magnetic resonance imaging in hypertrophic cardiomyopathy as a marker of disease and its severity. <i>American Journal of Cardiology</i> , 2010 , 105, 392-7 ³ | | 35 |
| 12 | Quantitative analysis of late gadolinium enhancement in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2010 , 12, 21 | 6.9 | 39 |
| 11 | Severe mechanical dyssynchrony causes regional hibernation-like changes in pigs with nonischemic heart failure. <i>Journal of Cardiac Failure</i> , 2009 , 15, 920-8 | 3.3 | 33 |
| 10 | High prevalence of cardiac hypertrophy without detectable signs of fibrosis in patients with untreated active acromegaly: an in vivo study using magnetic resonance imaging. <i>Clinical Endocrinology</i> , 2008 , 68, 361-8 | 3.4 | 44 |
| 9 | Head to head comparison between perfusion and function during accelerated high-dose dipyridamole magnetic resonance stress for the detection of coronary artery disease. <i>American Journal of Cardiology</i> , 2008 , 101, 8-14 | 3 | 49 |
| 8 | Three-year follow-up with cardiac magnetic resonance in a patient with biventricular non-compaction cardiomyopathy. <i>International Journal of Cardiology</i> , 2008 , 129, e74-6 | 3.2 | 3 |
| 7 | Relation of pain-to-balloon time and myocardial infarct size in patients transferred for primary percutaneous coronary intervention. <i>American Journal of Cardiology</i> , 2007 , 100, 28-34 | 3 | 17 |
| 6 | Cardiac magnetic resonance findings in isolated congenital left ventricular diverticuli. <i>International Journal of Cardiovascular Imaging</i> , 2007 , 23, 43-7 | 2.5 | 16 |
| 5 | Q-wave prediction of myocardial infarct location, size and transmural extent at magnetic resonance imaging. <i>Coronary Artery Disease</i> , 2007 , 18, 381-9 | 1.4 | 49 |
| 4 | The obesity paradox and myocardial infarct size. <i>Journal of Cardiovascular Medicine</i> , 2007 , 8, 713-7 | 1.9 | 24 |
| 3 | Simultaneous visualization of myocardial scar, no-reflow phenomenon, ventricular and atrial thrombi by cardiac magnetic resonance. <i>International Journal of Cardiology</i> , 2007 , 115, e10-1 | 3.2 | 5 |
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| 1 | Contrast media in cardiovascular magnetic resonance. <i>Current Pharmaceutical Design</i> , 2005 , 11, 2151-61 | 3.3 | 9 |