Pier Giorgio Masci

List of Publications by Year
in descending order

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Version: 2024-02-01

115 papers	3,876 citations	101543 36 h-index	133252 59 g-index
115 all docs	115 docs citations	115 times ranked	5227 citing authors

#	Article	IF	Citations
1	Is heart failure with preserved ejection fraction a â€˜dementiaâ€™ of the heart?. Heart Failure Reviews, 2022, 27, 587-594.	3.9	7
2	Editorial for â€œInflammation in Remote Myocardium and Left Ventricular Remodeling After Acute Myocardial Infarction: A Pilot Study Using <scp>T2</scp> Mappingâ€. Journal of Magnetic Resonance Imaging, 2022, 55, 565-566.	3.4	0
3	Magnetic resonance relaxometry of the liver - a new imaging biomarker to assess right heart failure in pulmonary hypertension. Journal of Heart and Lung Transplantation, 2022, 41, 86-94.	0.6	5
4	Quantification of balanced SSFP myocardial perfusion imaging at 1.5 T: Impact of the reference image. Magnetic Resonance in Medicine, 2022, 87, 702-717.	3.0	0
5	The relationship between telomere length and putative markers of vascular ageing: A systematic review and meta-analysis. Mechanisms of Ageing and Development, 2022, 201, 111604.	4.6	9
6	Efficient non-contrast enhanced 3D Cartesian cardiovascular magnetic resonance angiography of the thoracic aorta in 3Âmin. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 5.	3.3	4
7	Left atrial adaptation in ischemic heart disease: insights from a cardiovascular magnetic resonance study. International Journal of Cardiovascular Imaging, 2022, , 1.	1.5	1
8	Simultaneous multislice steadyâ€state free precession myocardial perfusion with full left ventricular coverage and high resolution at 1.5 T. Magnetic Resonance in Medicine, 2022, 88, 663-675.	3.0	5
9	High-resolution non-contrast free-breathing coronary cardiovascularÃ‚Âmagnetic resonance angiography for detection of coronary artery disease: validation against invasive coronary angiography. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 26.	3.3	10
10	High-Resolution Cardiac Magnetic Resonance Imaging Techniques for the Identification of Coronary Microvascular Dysfunction. JACC: Cardiovascular Imaging, 2021, 14, 978-986.	5.3	62
11	Fully selfâ€gated freeâ€running 3D Cartesian cardiac CINE with isotropic wholeâ€heart coverage in less than 2 min. NMR in Biomedicine, 2021, 34, e4409.	2.8	13
12	Head-to-head comparison of multiple cardiovascular magnetic resonance techniques for the detection and quantification of intramyocardial haemorrhage in patients with ST-elevation myocardial infarction. European Radiology, 2021, 31, 1245-1256.	4.5	3
13	Automatic Detection of Extra-Cardiac Findings in Cardiovascular Magnetic Resonance. Lecture Notes in Computer Science, 2021, , 98-107.	1.3	0
14	Acute chest pain with ST-segment elevation in lead V1â€“V3: when you hear hoofbeats, also look for zebras. Clinical Research in Cardiology, 2021, 110, 1516-1522.	3.3	0
15	CarDiac magnEtic Resonance for prophylactic Implantable-cardioVerter defibrillAtor ThErapy in Non-Ischaemic dilated CardioMyopathy: an international Registry. Europace, 2021, 23, 1072-1083.	1.7	37
16	3D whole-heart grey-blood late gadolinium enhancement cardiovascular magnetic resonance imaging. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 62.	3.3	4
17	Left Ventricular Remodeling in Degenerative Aortic Valve Stenosis. Current Problems in Cardiology, 2021, 46, 100801.	2.4	7
18	The alcohol-induced cardiomyopathy: A cardiovascular magnetic resonance characterization. International Journal of Cardiology, 2021, 331, 131-137.	1.7	10

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19	Clinical comparison of sub-mm high-resolution non-contrast coronary CMR angiography against coronary CT angiography in patients with low-intermediate risk of coronary artery disease: a single center trial. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 57.	3.3	28
20	Assessment of Right-Sided Heart Failure in Patients with Dilated Cardiomyopathy using Magnetic Resonance Relaxometry of the Liver. American Journal of Cardiology, 2021, 149, 103-111.	1.6	7
21	Left ventricular remodelling in mitral valve prolapse patients: implications of apical papillary muscle insertion. European Heart Journal Cardiovascular Imaging, 2021, 22, 1119-1128.	1.2	7
22	Clinical Risk Prediction in Patients With Left Ventricular MyocardialÂNoncompaction. Journal of the American College of Cardiology, 2021, 78, 643-662.	2.8	40
23	Noninvasive assessment of congestive hepatopathy in patients with constrictive pericardial physiology using MR relaxometry. International Journal of Cardiology, 2021, 338, 265-273.	1.7	3
24	Prognostic Impact of Late Gadolinium Enhancement by Cardiovascular Magnetic Resonance in Myocarditis. Circulation: Cardiovascular Imaging, 2021, 14, e011492.	2.6	71
25	From the Epicardial Vessels toÂtheÂMicrocirculation. JACC: Cardiovascular Imaging, 2021, 14, 2334-2336.	5.3	0
26	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.	1.2	14
27	Predictors of adverse prognosis in COVIDâ€19: A systematic review and metaâ€analysis. European Journal of Clinical Investigation, 2020, 50, e13362.	3.4	275
28	CINENet: deep learning-based 3D cardiac CINE MRI reconstruction with multi-coil complex-valued 4D spatio-temporal convolutions. Scientific Reports, 2020, 10, 13710.	3.3	122
29	Effects of Fentanyl Versus Morphine on Ticagrelor-Induced Platelet Inhibition in Patients With ST-Segment Elevation Myocardial Infarction. Circulation, 2020, 142, 2479-2481.	1.6	9
30	Deep Learning to Automate Reference-Free Image Quality Assessment of Whole-Heart MR Images. Radiology: Artificial Intelligence, 2020, 2, e190123.	5.8	18
31	Multi-Modality Imaging in Dilated Cardiomyopathy: With a Focus on the Role of Cardiac Magnetic Resonance. Frontiers in Cardiovascular Medicine, 2020, 7, 97.	2.4	23
32	Isotropic 3D Cartesian single breathâ€hold CINE MRI with multiâ€bin patchâ€based lowâ€rank reconstruction. Magnetic Resonance in Medicine, 2020, 84, 2018-2033.	3.0	20
33	A concealed carcinoid cardiac metastasis uncovered by comprehensive cardiovascular magnetic resonance-based tissue characterization: a case report. European Heart Journal - Case Reports, 2020, 4, 1-5.	0.6	1
34	Accelerated and highâ€resolution cardiac <scp>T</scp>₂ mapping through peripheral kâ€space sharing. Magnetic Resonance in Medicine, 2019, 81, 220-233.	3.0	6
35	Probing the intravascular and interstitial compartments of remodeled myocardium in heart failure patients with preserved and reduced ejection fraction: a CMR study. BMC Medical Imaging, 2019, 19, 1.	2.7	46
36	Myocardial Blood Flow as a Holistic Metric for Predicting Remodeling andÂClinical Outcomes After a MyocardialÂInfarction?. JACC: Cardiovascular Imaging, 2019, 12, 1794-1796.	5.3	0

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37	Meta-Analysis of the Prognostic Role of Late Gadolinium Enhancement and Global Systolic Impairment in LeftÂVentricular Noncompaction. JACC: Cardiovascular Imaging, 2019, 12, 2141-2151.	5.3	84
38	Influence of intravenous fentanyl compared with morphine on ticagrelor absorption and platelet inhibition in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention: rationale and design of the PERSEUS randomized trial. European Heart Journal - Cardiovascular Pharmacotherapy, 2019, 5, 158-163.	3.0	11
39	CarDiac MagnEtic Resonance for Primary Prevention Implantable CardioVerter DebrillAtor ThErapy international registry: Design and rationale of the DERIVATE study. International Journal of Cardiology, 2018, 261, 223-227.	1.7	13
40	5D wholeâ€heart sparse MRI. Magnetic Resonance in Medicine, 2018, 79, 826-838.	3.0	112
41	Magnetic Resonance Imaging Correlates of Left Bundle Branch Disease in Patients With Nonischemic Cardiomyopathy. American Journal of Cardiology, 2018, 121, 370-376.	1.6	8
42	Long-Term Incremental Prognostic ValueÂof Cardiovascular Magnetic Resonance After ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Imaging, 2018, 11, 813-825.	5.3	73
43	Relationship between CMR-derived parameters of ischemia/reperfusion injury and the timing of CMR after reperfused ST-segment elevation myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 50.	3.3	16
44	Impact of total ischemic time on manual thrombus aspiration benefit during primary percutaneous coronary intervention. American Heart Journal, 2018, 204, 34-42.	2.7	4
45	Criteria for recommendation, expert consensus, and appropriateness criteria papers: update from the European Association of Cardiovascular Imaging Scientific Documents Committee. European Heart Journal Cardiovascular Imaging, 2018, 19, 835-837.	1.2	9
46	Golden angle dualâ€inversion recovery acquisition coupled with a flexible timeâ€resolved sparse reconstruction facilitates sequence timing in highâ€resolution coronary vessel wall <scp>MRI</scp> at 3â€‰T. Magnetic Resonance in Medicine, 2017, 77, 961-969.	3.0	7
47	Stress Perfusion CMR in Patients With Known and Suspected CAD. JACC: Cardiovascular Imaging, 2017, 10, 526-537.	5.3	108
48	Clinical recommendations of cardiac magnetic resonance, Part I. Journal of Cardiovascular Medicine, 2017, 18, 197-208.	1.5	26
49	Clinical recommendations of cardiac magnetic resonance, Part II. Journal of Cardiovascular Medicine, 2017, 18, 209-222.	1.5	22
50	Late Gadolinium Enhancement and theÂRisk for Ventricular Arrhythmias or SuddenÂDeath in Dilated Cardiomyopathy. JACC: Heart Failure, 2017, 5, 28-38.	4.1	262
51	Primetime for clinical and research application of intra-cardiac 4D-flow CMR?. International Journal of Cardiology, 2017, 249, 500-501.	1.7	0
52	Coronary spasm-induced recurrent ventricular fibrillation. Coronary Artery Disease, 2017, 28, 268-271.	0.7	1
53	Prognostic Stratification of Patients With ST-Segmentâ€“Elevation Myocardial Infarction (PROSPECT). Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	48
54	Negative risk markers for improving prediction of heart failure: Risk stratification implementation or simply the other side of existing risk scores?. International Journal of Cardiology, 2017, 249, 328-329.	1.7	3

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55	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.	3.4	82
56	Intrapericardial paraganglioma: The role of integrated advanced multi-modality cardiac imaging for the assessment and management of rare primary cardiac tumors. Cardiology Journal, 2017, 24, 447-449.	1.2	6
57	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, 2155-2165.	4.5	38
58	Long-Term Prognostic Value of CardiacÂMagnetic Resonance in LeftÂVentricle Noncompaction. Journal of the American College of Cardiology, 2016, 68, 2166-2181.	2.8	121
59	Impact of active smoking on myocardial infarction severity in reperfused ST-segment elevation myocardial infarction patients: the smoker's paradox revisited. European Heart Journal, 2016, 37, 2756-2764.	2.2	55
60	Current artefacts in cardiac and chest magnetic resonance imaging: tips and tricks. British Journal of Radiology, 2016, 89, 20150987.	2.2	17
61	Impact of bileaflet mitral valve prolapse on quantification of mitral regurgitation with cardiac magnetic resonance: a single-center study. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 56.	3.3	24
62	Prognostic significance of myocardial extracellular volume fraction in nonischaemic dilated cardiomyopathy. Journal of Cardiovascular Medicine, 2015, 16, 681.	1.5	61
63	Microvascular obstruction complicating acute right ventricular myocardial infarction. Journal of Cardiovascular Medicine, 2015, 16, S12-S14.	1.5	2
64	Impact of active smoking on myocardial infarction severity in reperfused ST-segment elevation myocardial infarction patients. The smoker's paradox revisited by CMR. Journal of Cardiovascular Magnetic Resonance, 2015, 17, Q62.	3.3	0
65	Galectin-3 and myocardial fibrosis in nonischemic dilated cardiomyopathy. International Journal of Cardiology, 2015, 184, 96-100.	1.7	60
66	Measurement of myocardial amyloid deposition in systemic amyloidosis: insights from cardiovascular magnetic resonance imaging. Journal of Internal Medicine, 2015, 277, 605-614.	6.0	44
67	Effect of Infarct Severity on Regional and Global Left Ventricular Remodeling in Patients with Successfully Reperfused ST Segment Elevation Myocardial Infarction. Radiology, 2015, 274, 93-102.	7.3	27
68	Impact of pericardial injury on inflammatory biomarkers early post myocardial infarction. International Journal of Cardiology, 2015, 186, 139-140.	1.7	2
69	Calcified apical cardiomyopathy. Journal of Cardiovascular Medicine, 2015, 16, S79-S80.	1.5	3
70	Rare Presentation of Asymptomatic Pericardial Effusion. Circulation, 2014, 130, e15-7.	1.6	4
71	Leiomyosarcoma of the inferior vena cava in a patient with Budd-Chiari syndrome. Revista Portuguesa De Cardiologia, 2014, 33, 807-809.	0.5	3
72	Comprehensive cardiovascular magnetic resonance for monitoring the response to therapy in pericardial tuberculosis. European Heart Journal Cardiovascular Imaging, 2014, 15, 522-522.	1.2	1

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73	Letter by Barison et al Regarding Article, â€œCardiac Magnetic Resonance Postcontrast T1 Time Is Associated With Outcome in Patients With Heart Failure and Preserved Ejection Fractionâ€• Circulation: Cardiovascular Imaging, 2014, 7, 414-414.	2.6	1
74	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, 1105-1115.	1.5	23
75	Incremental Prognostic Value of Myocardial Fibrosis in Patients With Nonâ€“Ischemic Cardiomyopathy Without Congestive Heart Failure. Circulation: Heart Failure, 2014, 7, 448-456.	3.9	94
76	Prevalence and Prognostic Value of Concealed Structural Abnormalities in Patients With Apparently Idiopathic Ventricular Arrhythmias of Left Versus Right Ventricular Origin. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 456-462.	4.8	57
77	CMR-Based Characterization of CardiacÂAmyloidosis. JACC: Cardiovascular Imaging, 2014, 7, 1067-1068.	5.3	3
78	Regional heterogeneity in cardiac sympathetic innervation in acute myocardial infarction: relationship with myocardial oedema on magnetic resonance. European Journal of Nuclear Medicine and Molecular Imaging, 2014, 41, 1692-1694.	6.4	22
79	Myocardial Extracellular Volume Measurement by Cardiac Magnetic Resonance. JACC: Cardiovascular Imaging, 2014, 7, 106-107.	5.3	0
80	Magnetic Resonance Assessment of Prevalence and Correlates of Right Ventricular Abnormalities in Isolated Left Ventricular Noncompaction. American Journal of Cardiology, 2014, 113, 142-146.	1.6	22
81	Gated SPECT evaluation of left ventricular function using a CZT camera and a fast low-dose clinical protocol: comparison to cardiac magnetic resonance imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1869-1875.	6.4	41
82	Assessment of Early Post-Infarction Pericardial Injury by CMR. JACC: Cardiovascular Imaging, 2013, 6, 411-413.	5.3	24
83	Myocardial Fibrosis as a Key Determinant of Left Ventricular Remodeling in Idiopathic Dilated Cardiomyopathy. Circulation: Cardiovascular Imaging, 2013, 6, 790-799.	2.6	132
84	Prodromal angina is associated with myocardial salvage in acute ST-segment elevation myocardial infarction. European Heart Journal Cardiovascular Imaging, 2013, 14, 1041-1048.	1.2	19
85	CMR-Verified Interstitial Myocardial Fibrosis as a Marker of Subclinical Cardiac Involvement in LMNA Mutation Carriers. JACC: Cardiovascular Imaging, 2013, 6, 124-126.	5.3	38
86	Modified cine inversion recovery pulse sequence for the quantification of myocardial T1 and gadolinium partition coefficient. Journal of Magnetic Resonance Imaging, 2013, 37, 109-118.	3.4	8
87	Response to Letters Regarding Article, â€œMyocardial Fibrosis as a Key Determinant of Left Ventricular Remodeling in Idiopathic Dilated Cardiomyopathy: A Contrast-Enhanced Cardiovascular Magnetic Studyâ€• Circulation: Cardiovascular Imaging, 2013, 6, e79.	2.6	3
88	Fibrosis and Mortality in Patients With Dilated Cardiomyopathy. JAMA - Journal of the American Medical Association, 2013, 309, 2547.	7.4	6
89	Double-chambered left ventricle in an asymptomatic adult patient. European Heart Journal Cardiovascular Imaging, 2012, 13, E1-E3.	1.2	25
90	Myocardial delayed enhancement in paucisymptomatic nonischemic dilated cardiomyopathy. International Journal of Cardiology, 2012, 157, 43-47.	1.7	51

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91	Cardiovascular involvement in Erdheimâ€“Chester disease. International Journal of Cardiology, 2012, 154, e24-e26.	1.7	12
92	Progression of Myocardial Fibrosis Assessed With Cardiac Magnetic Resonance in Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2012, 60, 922-929.	2.8	123
93	Electrocardiographic Q-Wave â€œRemodelingâ€•in Reperfused ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Imaging, 2012, 5, 1003-1013.	5.3	9
94	Geometric Assessment of Asymmetric Septal Hypertrophic Cardiomyopathy by CMR. JACC: Cardiovascular Imaging, 2012, 5, 702-711.	5.3	41
95	Post myocardial infarction of the left ventricle: the course ahead seen by cardiac MRI. Cardiovascular Diagnosis and Therapy, 2012, 2, 113-27.	1.7	29
96	Magnetic resonance imaging: Role in diagnosis and risk stratification. , 2012, , 93-103.		0
97	Lipomatous metaplasia in ischemic cardiomyopathy: Current knowledge and clinical perspective. International Journal of Cardiology, 2011, 146, 120-122.	1.7	12
98	Time course of infarct healing and left ventricular remodelling in patients with reperfused ST segment elevation myocardial infarction using comprehensive magnetic resonance imaging. European Radiology, 2011, 21, 693-701.	4.5	64
99	Myocardial fibrosis in isolated left ventricular nonâ€compaction and its relation to disease severity. European Journal of Heart Failure, 2011, 13, 170-176.	7.1	151
100	Relationship between location and size of myocardial infarction and their reciprocal influences on post-infarction left ventricular remodelling. European Heart Journal, 2011, 32, 1640-1648.	2.2	129
101	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, 392-397.	1.6	42
102	Myocardial Structural, Perfusion, and Metabolic Correlates of Left Bundle Branch Block Mechanical Derangement in Patients With Dilated Cardiomyopathy. Circulation: Cardiovascular Imaging, 2010, 3, 482-490.	2.6	46
103	Right Ventricular Ischemic Injury in Patients With Acute ST-Segment Elevation Myocardial Infarction. Circulation, 2010, 122, 1405-1412.	1.6	98
104	Myocardial Salvage by CMR Correlates With LV Remodeling and Early ST-Segment Resolution in Acute Myocardial Infarction. JACC: Cardiovascular Imaging, 2010, 3, 45-51.	5.3	92
105	Determination of Regional Ejection Fraction in Patients with Myocardial Infarction by Using Merged Late Gadolinium Enhancement and Cine MR: Feasibility Study. Radiology, 2009, 250, 50-60.	7.3	27
106	Valvular heart disease: what does cardiovascular MRI add?. European Radiology, 2008, 18, 197-208.	4.5	40
107	Detection of Regional Myocardial Dysfunction in Patients with Acute Myocardial Infarction Using Velocity Vector Imaging. Journal of the American Society of Echocardiography, 2008, 21, 879-886.	2.8	58
108	Helical form of hypertrophic cardiomyopathy: a new entity?. European Heart Journal, 2008, 29, 706-706.	2.2	6

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109	The role of cardiovascular magnetic resonance in the diagnosis and management of cardiomyopathies. Journal of Cardiovascular Medicine, 2008, 9, 435-449.	1.5	13
110	Double-chambered right ventricle. European Heart Journal, 2007, 28, 2237-2237.	2.2	1
111	Papillary Muscle Infarction After Cardiopulmonary Resuscitation. Circulation, 2007, 116, e308-9.	1.6	6
112	Discrete subaortic stenosis in elderly woman. European Journal of Echocardiography, 2006, 9, 63-4.	2.3	2
113	Brachial Artery Flow-Mediated Dilation and Myocardial Perfusion in Patients With Cardiac Syndrome X. American Journal of Cardiology, 2005, 95, 1478-1480.	1.6	31
114	Vitamin E Supplementation Reduces Plasma Vascular Cell Adhesion Molecule-1 and von Willebrand Factor Levels and Increases Nitric Oxide Concentrations in Hypercholesterolemic Patients. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 2940-2945.	3.6	39
115	Prolonged, low dose Î±-tocopherol therapy counteracts intercellular cell adhesion molecule-1 activation. Clinica Chimica Acta, 2002, 320, 5-9.	1.1	12