

Marie-Pierre Jolly

List of Publications by Citations

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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.

26

papers

843

citations

15

h-index

28

g-index

28

ext. papers

975

ext. citations

6.6

avg, IF

4.08

L-index

#	Paper	IF	Citations
26	Motion correction for myocardial T1 mapping using image registration with synthetic image estimation. <i>Magnetic Resonance in Medicine</i> , 2012 , 67, 1644-55	4.4	158
25	Automatic Segmentation of the Left Ventricle in Cardiac MR and CT Images. <i>International Journal of Computer Vision</i> , 2006 , 70, 151-163	10.6	118
24	A collaborative resource to build consensus for automated left ventricular segmentation of cardiac MR images. <i>Medical Image Analysis</i> , 2014 , 18, 50-62	15.4	113
23	Phase-sensitive inversion recovery for myocardial T1 mapping with motion correction and parametric fitting. <i>Magnetic Resonance in Medicine</i> , 2013 , 69, 1408-20	4.4	71
22	Automated assessments of circumferential strain from cine CMR correlate with LVEF declines in cancer patients early after receipt of cardio-toxic chemotherapy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017 , 19, 59	6.9	43
21	Fully-automated left ventricular mass and volume MRI analysis in the UK Biobank population cohort: evaluation of initial results. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 281-291	2.5	33
20	Early Myocardial Strain Changes During Potentially Cardiotoxic Chemotherapy May Occur as a Result of Reductions in Left Ventricular End-Diastolic Volume: The Need to Interpret Left Ventricular Strain With Volumes. <i>Circulation</i> , 2017 , 135, 2575-2577	16.7	32
19	Quantification of Myocardial Extracellular Volume Fraction with Cardiac MR Imaging in Thalassemia Major. <i>Radiology</i> , 2016 , 279, 720-30	20.5	31
18	Quantification of global myocardial function by cine MRI deformable registration-based analysis: Comparison with MR feature tracking and speckle-tracking echocardiography. <i>European Radiology</i> , 2017 , 27, 1404-1415	8	27
17	Automatic recovery of the left ventricular blood pool in cardiac cine MR images. <i>Lecture Notes in Computer Science</i> , 2008 , 11, 110-8	0.9	21
16	Automatic Segmentation of the Myocardium in Cine MR Images Using Deformable Registration. <i>Lecture Notes in Computer Science</i> , 2012 , 98-108	0.9	19
15	Left Ventricular Myocardial Deformation on Cine MR Images: Relationship to Severity of Disease and Prognosis in Light-Chain Amyloidosis. <i>Radiology</i> , 2018 , 288, 73-80	20.5	18
14	Automated Assessment of Left Ventricular Function and Mass Using Heart Deformation Analysis: Initial Experience in 160 Older Adults. <i>Academic Radiology</i> , 2016 , 23, 321-5	4.3	18
13	Combining registration and minimum surfaces for the segmentation of the left ventricle in cardiac cine MR images. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 910-8	0.9	17
12	Cardiac anchoring in MRI through context modeling. <i>Lecture Notes in Computer Science</i> , 2010 , 13, 383-90	0.9	17
11	Combining Edge, Region, and Shape Information to Segment the Left Ventricle in Cardiac MR Images. <i>Lecture Notes in Computer Science</i> , 2001 , 482-490	0.9	14
10	Free-breathing myocardial T2* mapping using GRE-EPI and automatic non-rigid motion correction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015 , 17, 113	6.9	13

9	Comprehensive Cardiovascular Image Analysis Using MR and CT at Siemens Corporate Research. <i>International Journal of Computer Vision</i> , 2006 , 70, 165-178	10.6	13
8	Cardiac segmentation in MR cine data using inverse consistent deformable registration 2010 ,		12
7	Quantification of myocardial deformation by deformable registration-based analysis of cine MRI: validation with tagged CMR. <i>European Radiology</i> , 2019 , 29, 3658-3668	8	11
6	Distribution pattern of left-ventricular myocardial strain analyzed by a cine MRI based deformation registration algorithm in healthy Chinese volunteers. <i>Scientific Reports</i> , 2017 , 7, 45314	4.9	10
5	Comprehensive preclinical evaluation of a multi-physics model of liver tumor radiofrequency ablation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017 , 12, 1543-1559	3.9	9
4	The consistency of myocardial strain derived from heart deformation analysis. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 1169-1177	2.5	7
3	Mitral annular velocity measurement with cardiac magnetic resonance imaging using a novel annular tracking algorithm: Validation against echocardiography. <i>Magnetic Resonance Imaging</i> , 2019 , 55, 72-80	3.3	6
2	From Uncertainties to Statistical Model Building and Segmentation of the Left Ventricle 2007 ,		3
1	A novel, automated method for measuring mitral valve annular velocity from standard cine TrueFISP data - a feasibility study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2011 , 13,	6.9	1