

# James R Clough

## 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.

16  
papers

189  
citations

8  
h-index

13  
g-index

16  
ext. papers

266  
ext. citations

4.3  
avg, IF

3.14  
L-index

#	Paper	IF	Citations
16	Left Ventricle Quantification Challenge: A Comprehensive Comparison and Evaluation of Segmentation and Regression for Mid-Ventricular Short-Axis Cardiac MR Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 3541-3553	7.2	1
15	A multi-scale variational neural network for accelerating motion-compensated whole-heart 3D coronary MR angiography. <i>Magnetic Resonance Imaging</i> , <b>2020</b> , 70, 155-167	3.3	16
14	Interpretable Deep Models for Cardiac Resynchronisation Therapy Response Prediction. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 2020, 284-293	0.9	8
13	Deep Learning-Based Detection and Correction of Cardiac MR Motion Artefacts During Reconstruction for High-Quality Segmentation. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 4001-4010	11.7	16
12	Weighted Manifold Alignment using Wave Kernel Signatures for Aligning Medical Image Datasets. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2020</b> , 42, 988-997	13.3	4
11	A Persistent Homology-Based Topological Loss Function for Multi-class CNN Segmentation of Cardiac MRI. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 2020, 3-13	0.9	5
10	Automatic CNN-based detection of cardiac MR motion artefacts using k-space data augmentation and curriculum learning. <i>Medical Image Analysis</i> , <b>2019</b> , 55, 136-147	15.4	42
9	Magnetic Resonance Fingerprinting Using Recurrent Neural Networks <b>2019</b> ,		10
8	Detection and Correction of Cardiac MRI Motion Artefacts During Reconstruction from k-space. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 695-703	0.9	9
7	Automated CNN-Based Reconstruction of Short-Axis Cardiac MR Sequence from Real-Time Image Data. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 32-41	0.9	5
6	Evaluation of Strategies for PET Motion Correction - Manifold Learning vs. Deep Learning. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 61-69	0.9	1
5	Cardiac MR Motion Artefact Correction from K-space Using Deep Learning-Based Reconstruction. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 21-29	0.9	11
4	MRI slice stacking using manifold alignment and wave kernel signatures <b>2018</b> ,		3
3	Embedding graphs in Lorentzian spacetime. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187301	3.7	8
2	What is the dimension of citation space?. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2016</b> , 448, 235-247	3.3	15
1	Transitive reduction of citation networks. <i>Journal of Complex Networks</i> , <b>2015</b> , 3, 189-203	1.7	35