James R Clough

List of Publications by Citations

16	189	8	13
papers	citations	h-index	g-index

16	266	4.3	3.14
ext. papers	ext. citations	avg, IF	L-index

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