Peter Mountney

List of Publications by Year
in descending order

19	400	932766 10	1199166 12
papers	citations	h-index	g-index

19	19	19	538
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automated Left Ventricle Ischemic Scar Detection in CT Using Deep Neural Networks. Frontiers in Cardiovascular Medicine, 2021, 8, 655252.	1.1	12
2	Training and Meta-Training Binary Neural Networks with Quantum Computing. , 2019, , .		10
3	Image Data Analysis for Quantifying Scar Transmurality in MRI phantoms for Cardiac Resynchronisation Therapy. , 2018, 2018, 1111-1114.		0
4	Mechanical Activation Computation from Fluoroscopy for Guided Cardiac Resynchronization Therapy. , 2018, 2018, 592-595.		1
5	Image classification with quantum pre-training and auto-encoders. International Journal of Quantum Information, 2018, 16, 1840009.	0.6	9
6	A novel realâ€time computational framework for detecting catheters and rigid guidewires in cardiac catheterization procedures. Medical Physics, 2018, 45, 5066-5079.	1.6	11
7	3D/2D model-to-image registration by imitation learning for cardiac procedures. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1141-1149.	1.7	34
8	Real-Time X-MRI-Guided Left Ventricular Lead Implantation for Targeted Delivery ofÂCardiac Resynchronization Therapy. JACC: Clinical Electrophysiology, 2017, 3, 803-814.	1.3	37
9	3D/2D Registration with superabundant vessel reconstruction for cardiac resynchronization therapy. Medical Image Analysis, 2017, 42, 160-172.	7.0	12
10	A Planning and Guidance Platform for Cardiac Resynchronization Therapy. IEEE Transactions on Medical Imaging, 2017, 36, 2366-2375.	5.4	11
11	Dynamic mapping of ventricular function from cardiovascular magnetic resonance imaging. , 2016, 2016, 4137-4140.		2
12	Interactive visualization for scar transmurality in cardiac resynchronization therapy. , 2016, , .		1
13	Real-time ultrasound transducer localization in fluoroscopy images by transfer learning from synthetic training data. Medical Image Analysis, 2014, 18, 1320-1328.	7.0	33
14	Significant acceleration of 2D-3D registration-based fusion of ultrasound and x-ray images by mesh-based DRR rendering. , 2013, , .		8
15	Horizon Stabilizedâ€"Dynamic View Expansion for Robotic Assisted Surgery (HS-DVE). International Journal of Computer Assisted Radiology and Surgery, 2012, 7, 281-288.	1.7	19
16	Enhanced visualisation for minimally invasive surgery. International Journal of Computer Assisted Radiology and Surgery, 2012, 7, 423-432.	1.7	17
17	Context specific descriptors for tracking deforming tissue. Medical Image Analysis, 2012, 16, 550-561.	7.0	15
18	Three-Dimensional Tissue Deformation Recovery and Tracking. IEEE Signal Processing Magazine, 2010, 27, 14-24.	4.6	140

#	Article	IF	Citations
19	A stereoscopic fibroscope for camera motion and 3D depth recovery during Minimally Invasive Surgery. , 2009, , .		28