Jo Schlemper

List of Publications by Year
in descending order

19 papers	2,674 citations	623574 14 h-index	794469 19 g-index
19 all docs	19 docs citations	19 times ranked	2915 citing authors

#	Article	IF	Citations
1	Dual-domain self-supervised learning for accelerated non-Cartesian MRI reconstruction. Medical Image Analysis, 2022, 81, 102538.	7.0	11
2	Evaluation of the Robustness of Learned MR Image Reconstruction to Systematic Deviations Between Training and Test Data for the Models from the fastMRI Challenge. Lecture Notes in Computer Science, 2021, , 25-34.	1.0	3
3	Systematic evaluation of iterative deep neural networks for fast parallel MRI reconstruction with sensitivityâ€weighted coil combination. Magnetic Resonance in Medicine, 2021, 86, 1859-1872.	1.9	39
4	Complementary timeâ€frequency domain networks for dynamic parallel MR image reconstruction. Magnetic Resonance in Medicine, 2021, 86, 3274-3291.	1.9	21
5	Convolutional Recurrent Neural Networks for Dynamic MR Image Reconstruction. IEEE Transactions on Medical Imaging, 2019, 38, 280-290.	5.4	362
6	Automatic 3D Bi-Ventricular Segmentation of Cardiac Images by a Shape-Refined Multi- Task Deep Learning Approach. IEEE Transactions on Medical Imaging, 2019, 38, 2151-2164.	5.4	155
7	Attention gated networks: Learning to leverage salient regions in medical images. Medical Image Analysis, 2019, 53, 197-207.	7.0	1,011
8	Weakly Supervised Estimation of Shadow Confidence Maps in Fetal Ultrasound Imaging. IEEE Transactions on Medical Imaging, 2019, 38, 2755-2767.	5.4	38
9	k-t NEXT: Dynamic MR Image Reconstruction Exploiting Spatio-Temporal Correlations. Lecture Notes in Computer Science, 2019, , 505-513.	1.0	18
10	Exploiting Motion for Deep Learning Reconstruction of Extremely-Undersampled Dynamic MRI. Lecture Notes in Computer Science, 2019, , 704-712.	1.0	15
11	VS-Net: Variable Splitting Network for Accelerated Parallel MRI Reconstruction. Lecture Notes in Computer Science, 2019, , 713-722.	1.0	42
12	A Deep Cascade of Convolutional Neural Networks for Dynamic MR Image Reconstruction. IEEE Transactions on Medical Imaging, 2018, 37, 491-503.	5.4	816
13	Combining Deep Learning and Shape Priors for Bi-Ventricular Segmentation of Volumetric Cardiac Magnetic Resonance Images. Lecture Notes in Computer Science, 2018, , 258-267.	1.0	3
14	Joint Motion Estimation and Segmentation from Undersampled Cardiac MR Image. Lecture Notes in Computer Science, 2018, , 55-63.	1.0	14
15	Bayesian Deep Learning for Accelerated MR Image Reconstruction. Lecture Notes in Computer Science, 2018, , 64-71.	1.0	22
16	Cardiac MR Segmentation from Undersampled k-space Using Deep Latent Representation Learning. Lecture Notes in Computer Science, 2018, , 259-267.	1.0	15
17	Adversarial and Perceptual Refinement for Compressed Sensing MRI Reconstruction. Lecture Notes in Computer Science, 2018, , 232-240.	1.0	50
18	Stochastic Deep Compressive Sensing for the Reconstruction of Diffusion Tensor Cardiac MRI. Lecture Notes in Computer Science, 2018, , 295-303.	1.0	22

#	Article	IF	CITATIONS
19	Deep Nested Level Sets: Fully Automated Segmentation of Cardiac MR Images in Patients with Pulmonary Hypertension. Lecture Notes in Computer Science, 2018, , 595-603.	1.0	17