

# Jo Schlemper

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8075095/publications.pdf>

Version: 2024-02-01

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	Attention gated networks: Learning to leverage salient regions in medical images. Medical Image Analysis, 2019, 53, 197-207.	7.0	1,011
2	A Deep Cascade of Convolutional Neural Networks for Dynamic MR Image Reconstruction. IEEE Transactions on Medical Imaging, 2018, 37, 491-503.	5.4	816
3	Convolutional Recurrent Neural Networks for Dynamic MR Image Reconstruction. IEEE Transactions on Medical Imaging, 2019, 38, 280-290.	5.4	362
4	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
5	Adversarial and Perceptual Refinement for Compressed Sensing MRI Reconstruction. Lecture Notes in Computer Science, 2018, , 232-240.	1.0	50
6	VS-Net: Variable Splitting Network for Accelerated Parallel MRI Reconstruction. Lecture Notes in Computer Science, 2019, , 713-722.	1.0	42
7	Systematic evaluation of iterative deep neural networks for fast parallel MRI reconstruction with sensitivity-weighted coil combination. Magnetic Resonance in Medicine, 2021, 86, 1859-1872.	1.9	39
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	Bayesian Deep Learning for Accelerated MR Image Reconstruction. Lecture Notes in Computer Science, 2018, , 64-71.	1.0	22
10	Stochastic Deep Compressive Sensing for the Reconstruction of Diffusion Tensor Cardiac MRI. Lecture Notes in Computer Science, 2018, , 295-303.	1.0	22
11	Complementary time-frequency domain networks for dynamic parallel MR image reconstruction. Magnetic Resonance in Medicine, 2021, 86, 3274-3291.	1.9	21
12	k-t NEXT: Dynamic MR Image Reconstruction Exploiting Spatio-Temporal Correlations. Lecture Notes in Computer Science, 2019, , 505-513.	1.0	18
13	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
14	Cardiac MR Segmentation from Undersampled k-space Using Deep Latent Representation Learning. Lecture Notes in Computer Science, 2018, , 259-267.	1.0	15
15	Exploiting Motion for Deep Learning Reconstruction of Extremely-Undersampled Dynamic MRI. Lecture Notes in Computer Science, 2019, , 704-712.	1.0	15
16	Joint Motion Estimation and Segmentation from Undersampled Cardiac MR Image. Lecture Notes in Computer Science, 2018, , 55-63.	1.0	14
17	Dual-domain self-supervised learning for accelerated non-Cartesian MRI reconstruction. Medical Image Analysis, 2022, 81, 102538.	7.0	11
18	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

#	ARTICLE	IF	CITATIONS
19	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