Lei Xiang

List of Publications by Year
in descending order

13 papers	**775** citations	840776 **11** h-index	1281871 **11** g-index
14 all docs	**14** docs citations	**14** times ranked	**1260** citing authors

#	Article	IF	Citations
1	Task Decomposition and Synchronization for Semantic Biomedical Image Segmentation. IEEE Transactions on Image Processing, 2020, 29, 7497-7510.	9.8	14
2	Erratum to "Deep Learning for Fast and Spatially Constrained Tissue Quantification From Highly Accelerated Data in Magnetic Resonance Fingerprinting"[Oct 19 2364-2374]. IEEE Transactions on Medical Imaging, 2020, 39, 543-543.	8.9	0
3	Mammographic mass segmentation using multichannel and multiscale fully convolutional networks. International Journal of Imaging Systems and Technology, 2020, 30, 1095-1107.	4.1	12
4	Deep Learning for Fast and Spatially Constrained Tissue Quantification From Highly Accelerated Data in Magnetic Resonance Fingerprinting. IEEE Transactions on Medical Imaging, 2019, 38, 2364-2374.	8.9	77
5	Regression Convolutional Neural Network for Automated Pediatric Bone Age Assessment From Hand Radiograph. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2030-2038.	6.3	82
6	Deep-Learning-Based Multi-Modal Fusion for Fast MR Reconstruction. IEEE Transactions on Biomedical Engineering, 2019, 66, 2105-2114.	4.2	75
7	Interleaved 3D‐<scp>CNN</scp>s for joint segmentation of small‐volume structures in head and neck <scp>CT</scp> images. Medical Physics, 2018, 45, 2063-2075.	3.0	119
8	Deep embedding convolutional neural network for synthesizing CT image from T1-Weighted MR image. Medical Image Analysis, 2018, 47, 31-44.	11.6	137
9	Unpaired Deep Cross-Modality Synthesis with Fast Training. Lecture Notes in Computer Science, 2018, 11045, 155-164.	1.3	13
10	Ultra-Fast T2-Weighted MR Reconstruction Using Complementary T1-Weighted Information. Lecture Notes in Computer Science, 2018, 11070, 215-223.	1.3	23
11	Reconstruction in deep learning of highly under-sampled T2-weighted image with T1-weighted image. Proceedings of the International Society for Magnetic Resonance in Medicine ... Scientific Meeting and Exhibition., 2018, 2018, .	0.5	0
12	Deep auto-context convolutional neural networks for standard-dose PET image estimation from low-dose PET/MRI. Neurocomputing, 2017, 267, 406-416.	5.9	205
13	Brain atlas fusion from high-thickness diagnostic magnetic resonance images by learning-based super-resolution. Pattern Recognition, 2017, 63, 531-541.	8.1	18