

# Lei Xiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2760237/publications.pdf>

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13  
papers

775  
citations

840776

11  
h-index

1281871

11  
g-index

14  
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14  
docs citations

14  
times ranked

1260  
citing authors

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