

# Hang Zhang

## List of Publications by Year in descending order

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18  
papers

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citations

1478505

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1474206

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docs citations

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times ranked

223  
citing authors

#	ARTICLE	IF	CITATIONS
1	QQâ€NET â€“ using deep learning to solve quantitative susceptibility mapping and quantitative blood oxygen level dependent magnitude (QSM+qBOLD or QQ) based oxygen extraction fraction (OEF) mapping. Magnetic Resonance in Medicine, 2022, 87, 1583-1594.	3.0	11
2	Subsecond accurate myelin water fraction reconstruction from FASTâ€T<sub>2</sub> data with 3D UNET. Magnetic Resonance in Medicine, 2022, 87, 2979-2988.	3.0	3
3	IRISâ€”Intelligent Rapid Interactive Segmentation for Measuring Liver Cyst Volumes in Autosomal Dominant Polycystic Kidney Disease. Tomography, 2022, 8, 447-456.	1.8	0
4	QSMRim-Net: Imbalance-aware learning for identification of chronic active multiple sclerosis lesions on quantitative susceptibility maps. NeuroImage: Clinical, 2022, 34, 102979.	2.7	15
5	Brain oxygen extraction and neural tissue susceptibility are associated with cognitive impairment in older individuals. Journal of Neuroimaging, 2022, 32, 697-709.	2.0	5
6	ALL-Net: Anatomical information lesion-wise loss function integrated into neural network for multiple sclerosis lesion segmentation. NeuroImage: Clinical, 2021, 32, 102854.	2.7	14
7	Fidelity imposed network edit (FINE) for solving ill-posed image reconstruction. NeuroImage, 2020, 211, 116579.	4.2	31
8	Extending LOUPE for K-Space Under-Sampling Pattern Optimization in Multi-coil MRI. Lecture Notes in Computer Science, 2020, , 91-101.	1.3	10
9	Neural-ILT. , 2020, , .		13
10	A fast machine learning-based mask printability predictor for OPC acceleration. , 2019, , .		17
11	RSANet: Recurrent Slice-Wise Attention Network for Multiple Sclerosis Lesion Segmentation. Lecture Notes in Computer Science, 2019, , 411-419.	1.3	12
12	A New Regularized Matrix Discriminant Analysis (R-MDA) Enabled Human-Centered EEG Monitoring Systems. IEEE Access, 2018, 6, 13911-13920.	4.2	5
13	Fast and Accurate Estimation of Quality of Results in High-Level Synthesis with Machine Learning. , 2018, , .		65
14	Bilinear Lithography Hotspot Detection. , 2017, , .		19
15	Minimizing Thermal Gradient and Pumping Power in 3D IC Liquid Cooling Network Design. , 2017, , .		8
16	Enabling online learning in lithography hotspot detection with information-theoretic feature optimization. , 2016, , .		61
17	VLSI layout hotspot detection based on discriminative feature extraction. , 2016, , .		2
18	RippleFPGA. , 2016, , .		39