

# Pingfan Song

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8902452/publications.pdf>

Version: 2024-02-01

15  
papers

174  
citations

1684188

5  
h-index

1588992

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g-index

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docs citations

16  
times ranked

233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal Image Super-Resolution via Joint Sparse Representations Induced by Coupled Dictionaries. IEEE Transactions on Computational Imaging, 2020, 6, 57-72.	4.4	42
2	Coupled Dictionary Learning for Multi-Contrast MRI Reconstruction. IEEE Transactions on Medical Imaging, 2020, 39, 621-633.	8.9	39
3	Subcellular resolution three-dimensional light-field imaging with genetically encoded voltage indicators. Neurophotonics, 2020, 7, 035006.	3.3	22
4	3D Localization for Light-Field Microscopy via Convolutional Sparse Coding on Epipolar Images. IEEE Transactions on Computational Imaging, 2020, 6, 1017-1032.	4.4	14
5	Coupled dictionary learning for multimodal image super-resolution. , 2016, , .		8
6	Magnetic Resonance Fingerprinting Using a Residual Convolutional Neural Network. , 2019, , .		8
7	RADAR: Robust Algorithm for Depth Image Super Resolution Based on FRI Theory and Multimodal Dictionary Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2447-2462.	8.3	8
8	Light-Field Microscopy for the Optical Imaging of Neuronal Activity: When model-based methods meet data-driven approaches. IEEE Signal Processing Magazine, 2022, 39, 58-72.	5.6	6
9	Volume Reconstruction for Light Field Microscopy. , 2020, , .		5
10	Deep Learning For Light Field Microscopy Using Physics-Based Models. , 2021, , .		5
11	Model-Inspired Deep Learning for Light-Field Microscopy with Application to Neuron Localization. , 2021, , .		5
12	Calculation of high numerical aperture lightfield microscope point spread functions. , 2019, , .		5
13	Shift-Invariant-Subspace Discretization and Volume Reconstruction for Light Field Microscopy. IEEE Transactions on Computational Imaging, 2022, 8, 286-301.	4.4	3
14	Comparing synthetic refocusing to deconvolution for the extraction of neuronal calcium transients from light fields. Neurophotonics, 2022, 9, 041404.	3.3	3
15	Comparing wide field to 3D light field for imaging red calcium transients in mammalian brain. , 2020, , .		1