

# Wei Ji

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

970  
citations

840776

11  
h-index

940533

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparse deconvolution improves the resolution of live-cell super-resolution fluorescence microscopy. <i>Nature Biotechnology</i> , 2022, 40, 606-617.	17.5	140
2	Interferometrical single-molecule localization based on dynamic PSF engineering. <i>Optics Letters</i> , 2022, 47, 1770.	3.3	3
3	Parallel optically detected magnetic resonance spectrometer for dozens of single nitrogen-vacancy centers using laser-spot lattice. <i>Review of Scientific Instruments</i> , 2021, 92, 045107.	1.3	3
4	Molecular-scale axial localization by repetitive optical selective exposure. <i>Nature Methods</i> , 2021, 18, 369-373.	19.0	40
5	Cryogenic superresolution correlative light and electron microscopy on the frontier of subcellular imaging. <i>Biophysical Reviews</i> , 2021, 13, 1163-1171.	3.2	11
6	Spatial distribution of IL4 controls iNKT cell-DC crosstalk in tumors. <i>Cellular and Molecular Immunology</i> , 2020, 17, 496-506.	10.5	7
7	Molecular resolution imaging by repetitive optical selective exposure. <i>Nature Methods</i> , 2019, 16, 1114-1118.	19.0	102
8	A H-bond strategy to develop acid-resistant photoswitchable rhodamine spirolactams for super-resolution single-molecule localization microscopy. <i>Chemical Science</i> , 2019, 10, 4914-4922.	7.4	72
9	A mitochondrial FUNDC1/HSC70 interaction organizes the proteostatic stress response at the risk of cell morbidity. <i>EMBO Journal</i> , 2019, 38, .	7.8	73
10	Ultra-stable super-resolution fluorescence cryo-microscopy for correlative light and electron cryo-microscopy. <i>Science China Life Sciences</i> , 2018, 61, 1312-1319.	4.9	18
11	Grafting voltage and pharmacological sensitivity in potassium channels. <i>Cell Research</i> , 2016, 26, 935-945.	12.0	5
12	Three-dimensional super-resolution protein localization correlated with vitrified cellular context. <i>Scientific Reports</i> , 2015, 5, 13017.	3.3	94
13	A machine learning-based method to detect fluorescent spots and an accelerated, parallel implementation of this method. <i>Science Bulletin</i> , 2014, 59, 3573-3578.	1.7	0
14	High-Density 3D Single Molecular Analysis Based on Compressed Sensing. <i>Biophysical Journal</i> , 2014, 106, 2443-2449.	0.5	27
15	Ultrafast, accurate, and robust localization of anisotropic dipoles. <i>Protein and Cell</i> , 2013, 4, 598-606.	11.0	14
16	Super-resolution microscopy of live cells using single molecule localization. <i>Science Bulletin</i> , 2013, 58, 4519-4527.	1.7	1
17	A unique series of reversibly switchable fluorescent proteins with beneficial properties for various applications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4455-4460.	7.1	120
18	Functional stoichiometry of the unitary calcium-release-activated calcium channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13668-13673.	7.1	239