

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