

Yiming B Li

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

883
citations

933447

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888059

17
g-index

27
all docs

27
docs citations

27
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of 4Pi Fluorescence Nanoscopy. Engineering, 2022, 11, 146-153.	6.7	6
2	Ratiometric 4Pi single-molecule localization with optimal resolution and color assignment. Optics Letters, 2022, 47, 325.	3.3	4
3	VMP1 and TMEM41B are essential for DMV formation during \hat{I}^2 -coronavirus infection. Journal of Cell Biology, 2022, 221, .	5.2	26
4	Deformable mirror based optimal PSF engineering for 3D super-resolution imaging. Optics Letters, 2022, 47, 3031.	3.3	10
5	Global fitting for high-accuracy multi-channel single-molecule localization. Nature Communications, 2022, 13, .	12.8	17
6	Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy. Nature Communications, 2022, 13, .	12.8	10
7	Implementation of a 4Pi-SMS super-resolution microscope. Nature Protocols, 2021, 16, 677-727.	12.0	29
8	Nanoscale subcellular architecture revealed by multicolor three-dimensional salvaged fluorescence imaging. Nature Methods, 2020, 17, 225-231.	19.0	95
9	Helix Shape Power-Dependent Properties of Single Upconversion Nanoparticles. Journal of Physical Chemistry Letters, 2020, 11, 2883-2890.	4.6	27
10	Accurate 4Pi single-molecule localization using an experimental PSF model. Optics Letters, 2020, 45, 3765.	3.3	15
11	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. Nature Methods, 2019, 16, 1045-1053.	19.0	236
12	Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization. Biomedical Optics Express, 2019, 10, 2708.	2.9	37
13	Real-time 3D single-molecule localization using experimental point spread functions. Nature Methods, 2018, 15, 367-369.	19.0	234
14	Super-resolution imaging-based single particle tracking reveals dynamics of nanoparticle internalization by live cells. Nanoscale, 2016, 8, 7423-7429.	5.6	39
15	Superresolution microscopy reveals a dynamic picture of cell polarity maintenance during directional growth. Science Advances, 2015, 1, e1500947.	10.3	38
16	Fast and Efficient Molecule Detection in Localization-Based Super-Resolution Microscopy by Parallel Adaptive Histogram Equalization. ACS Nano, 2013, 7, 5207-5214.	14.6	35
17	Software controlling algorithms for the system performance optimization of confocal laser scanning microscope. Biomedical Signal Processing and Control, 2010, 5, 223-228.	5.7	8