

Yiming B Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9148754/publications.pdf>

Version: 2024-02-01

17
papers

883
citations

932766

10
h-index

887659

17
g-index

27
all docs

27
docs citations

27
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of 4Pi Fluorescence Nanoscopy. <i>Engineering</i> , 2022, 11, 146-153.	3.2	6
2	Ratiometric 4Pi single-molecule localization with optimal resolution and color assignment. <i>Optics Letters</i> , 2022, 47, 325.	1.7	4
3	VMP1 and TMEM41B are essential for DMV formation during $\hat{1}^2$ -coronavirus infection. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	26
4	Deformable mirror based optimal PSF engineering for 3D super-resolution imaging. <i>Optics Letters</i> , 2022, 47, 3031.	1.7	10
5	Global fitting for high-accuracy multi-channel single-molecule localization. <i>Nature Communications</i> , 2022, 13, .	5.8	17
6	Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy. <i>Nature Communications</i> , 2022, 13, .	5.8	10
7	Implementation of a 4Pi-SMS super-resolution microscope. <i>Nature Protocols</i> , 2021, 16, 677-727.	5.5	29
8	Nanoscale subcellular architecture revealed by multicolor three-dimensional salvaged fluorescence imaging. <i>Nature Methods</i> , 2020, 17, 225-231.	9.0	95
9	Helix Shape Power-Dependent Properties of Single Upconversion Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2883-2890.	2.1	27
10	Accurate 4Pi single-molecule localization using an experimental PSF model. <i>Optics Letters</i> , 2020, 45, 3765.	1.7	15
11	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. <i>Nature Methods</i> , 2019, 16, 1045-1053.	9.0	236
12	Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization. <i>Biomedical Optics Express</i> , 2019, 10, 2708.	1.5	37
13	Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , 2018, 15, 367-369.	9.0	234
14	Super-resolution imaging-based single particle tracking reveals dynamics of nanoparticle internalization by live cells. <i>Nanoscale</i> , 2016, 8, 7423-7429.	2.8	39
15	Superresolution microscopy reveals a dynamic picture of cell polarity maintenance during directional growth. <i>Science Advances</i> , 2015, 1, e1500947.	4.7	38
16	Fast and Efficient Molecule Detection in Localization-Based Super-Resolution Microscopy by Parallel Adaptive Histogram Equalization. <i>ACS Nano</i> , 2013, 7, 5207-5214.	7.3	35
17	Software controlling algorithms for the system performance optimization of confocal laser scanning microscope. <i>Biomedical Signal Processing and Control</i> , 2010, 5, 223-228.	3.5	8