

Yiming B Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

430
citations

8
h-index

20
g-index

27
ext. papers

691
ext. citations

11.3
avg, IF

3.52
L-index

#	Paper	IF	Citations
19	Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , 2018 , 15, 367-369	21.6	133
18	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. <i>Nature Methods</i> , 2019 , 16, 1045-1053	21.6	105
17	Nanoscale subcellular architecture revealed by multicolor three-dimensional salvaged fluorescence imaging. <i>Nature Methods</i> , 2020 , 17, 225-231	21.6	41
16	Super-resolution imaging-based single particle tracking reveals dynamics of nanoparticle internalization by live cells. <i>Nanoscale</i> , 2016 , 8, 7423-9	7.7	31
15	Superresolution microscopy reveals a dynamic picture of cell polarity maintenance during directional growth. <i>Science Advances</i> , 2015 , 1, e1500947	14.3	31
14	Fast and efficient molecule detection in localization-based super-resolution microscopy by parallel adaptive histogram equalization. <i>ACS Nano</i> , 2013 , 7, 5207-14	16.7	26
13	Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization. <i>Biomedical Optics Express</i> , 2019 , 10, 2708-2718	3.5	17
12	Helix Shape Power-Dependent Properties of Single Upconversion Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 2883-2890	6.4	15
11	Implementation of a 4Pi-SMS super-resolution microscope. <i>Nature Protocols</i> , 2021 , 16, 677-727	18.8	7
10	Software controlling algorithms for the system performance optimization of confocal laser scanning microscope. <i>Biomedical Signal Processing and Control</i> , 2010 , 5, 223-228	4.9	6
9	VMP1 and TMEM41B are essential for DMV formation during β coronavirus infection.. <i>Journal of Cell Biology</i> , 2022 , 221,	7.3	6
8	Nuclear pores as versatile reference standards for quantitative superresolution microscopy		4
7	Accurate 4Pi single-molecule localization using an experimental PSF model. <i>Optics Letters</i> , 2020 , 45, 3765-3768;		
6	Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization		1
5	Nanoscale subcellular architecture revealed by multicolor 3D salvaged fluorescence imaging		1
4	Fast, robust and precise 3D localization for arbitrary point spread functions		1
3	Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy		1

- 2 Review of 4Pi Fluorescence Nanoscopy. *Engineering*, **2020**, 9.7 0
- 1 Ratiometric 4Pi single-molecule localization with optimal resolution and color assignment.. *Optics Letters*, **2022**, 47, 325-328 3