Yiming B Li

List of Publications by Year in Descending Order

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	Ratiometric 4Pi single-molecule localization with optimal resolution and color assignment.. *Optics Letters*, **2022**, 47, 325-328	3	
18	VMP1 and TMEM41B are essential for DMV formation during Coronavirus infection.. *Journal of Cell Biology*, **2022**, 221,	7.3	6
17	Implementation of a 4Pi-SMS super-resolution microscope. *Nature Protocols*, **2021**, 16, 677-727	18.8	7
16	Helix Shape Power-Dependent Properties of Single Upconversion Nanoparticles. *Journal of Physical Chemistry Letters*, **2020**, 11, 2883-2890	6.4	15
15	Accurate 4Pi single-molecule localization using an experimental PSF model. *Optics Letters*, **2020**, 45, 3765-3768	3	3
14	Review of 4Pi Fluorescence Nanoscopy. *Engineering*, **2020**,	9.7	0
13	Nanoscale subcellular architecture revealed by multicolor three-dimensional salvaged fluorescence imaging. *Nature Methods*, **2020**, 17, 225-231	21.6	41
12	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. *Nature Methods*, **2019**, 16, 1045-1053	21.6	105
11	Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization. *Biomedical Optics Express*, **2019**, 10, 2708-2718	3.5	17
10	Real-time 3D single-molecule localization using experimental point spread functions. *Nature Methods*, **2018**, 15, 367-369	21.6	133
9	Super-resolution imaging-based single particle tracking reveals dynamics of nanoparticle internalization by live cells. *Nanoscale*, **2016**, 8, 7423-9	7.7	31
8	Superresolution microscopy reveals a dynamic picture of cell polarity maintenance during directional growth. *Science Advances*, **2015**, 1, e1500947	14.3	31
7	Fast and efficient molecule detection in localization-based super-resolution microscopy by parallel adaptive histogram equalization. *ACS Nano*, **2013**, 7, 5207-14	16.7	26
6	Software controlling algorithms for the system performance optimization of confocal laser scanning microscope. *Biomedical Signal Processing and Control*, **2010**, 5, 223-228	4.9	6
5	Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization		1
4	Nanoscale subcellular architecture revealed by multicolor 3D salvaged fluorescence imaging		1
3	Fast, robust and precise 3D localization for arbitrary point spread functions		1

List of Publications

2 Nuclear pores as versatile reference standards for quantitative superresolution microscopy 4

1 Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy 1