

# 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  | Nuclear pores as versatile reference standards for quantitative superresolution microscopy. <i>Nature Methods</i> , 2019, 16, 1045-1053.   | 9.0 | 236       |
| 2  | Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , 2018, 15, 367-369.  | 9.0 | 234       |
| 3  | Nanoscale subcellular architecture revealed by multicolor three-dimensional salvaged fluorescence imaging. <i>Nature Methods</i> , 2020, 17, 225-231.                              | 9.0 | 95        |
| 4  | 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        |
| 5  | Superresolution microscopy reveals a dynamic picture of cell polarity maintenance during directional growth. <i>Science Advances</i> , 2015, 1, e1500947.                          | 4.7 | 38        |
| 6  | Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization. <i>Biomedical Optics Express</i> , 2019, 10, 2708.                                  | 1.5 | 37        |
| 7  | 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        |
| 8  | Implementation of a 4Pi-SMS super-resolution microscope. <i>Nature Protocols</i> , 2021, 16, 677-727.  | 5.5 | 29        |
| 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 | 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        |
| 11 | Global fitting for high-accuracy multi-channel single-molecule localization. <i>Nature Communications</i> , 2022, 13, .  | 5.8 | 17        |
| 12 | Accurate 4Pi single-molecule localization using an experimental PSF model. <i>Optics Letters</i> , 2020, 45, 3765.   | 1.7 | 15        |
| 13 | Deformable mirror based optimal PSF engineering for 3D super-resolution imaging. <i>Optics Letters</i> , 2022, 47, 3031.   | 1.7 | 10        |
| 14 | Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy. <i>Nature Communications</i> , 2022, 13, .                            | 5.8 | 10        |
| 15 | 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         |
| 16 | Review of 4Pi Fluorescence Nanoscopy. <i>Engineering</i> , 2022, 11, 146-153.  | 3.2 | 6         |
| 17 | Ratiometric 4Pi single-molecule localization with optimal resolution and color assignment. <i>Optics Letters</i> , 2022, 47, 325.  | 1.7 | 4         |