

# Jiaji Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/577590/publications.pdf>

Version: 2024-02-01

23  
papers

1,184  
citations

623734

14  
h-index

839539

18  
g-index

24  
all docs

24  
docs citations

24  
times ranked

681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accelerated Fourier ptychographic diffraction tomography with sparse annular <sc>LED</sc> illuminations. Journal of Biophotonics, 2022, 15, e202100272.	2.3	9
2	Single-exposure 3D label-free microscopy based on color-multiplexed intensity diffraction tomography. Optics Letters, 2022, 47, 969.	3.3	11
3	Absorption and phase decoupling in transport of intensity diffraction tomography. Optics and Lasers in Engineering, 2022, 156, 107082.	3.8	4
4	Transport of intensity diffraction tomography with non-interferometric synthetic aperture for three-dimensional label-free microscopy. Light: Science and Applications, 2022, 11, .	16.6	70
5	Optimization analysis of partially coherent illumination for refractive index tomographic microscopy. Optics and Lasers in Engineering, 2021, 143, 106624.	3.8	9
6	Smart computational light microscopes (SCLMs) of smart computational imaging laboratory (SCILab). PhotonIX, 2021, 2, .	13.5	56
7	Single-exposure 3D label-free microscopy based on color-multiplexed intensity diffraction tomography. , 2021, , .		0
8	Optimizing design of partially coherent illumination for refractive index tomographic microscopy. , 2021, , .		0
9	Transport of intensity equation: a tutorial. Optics and Lasers in Engineering, 2020, 135, 106187.	3.8	272
10	Wide-field high-resolution 3D microscopy with Fourier ptychographic diffraction tomography. Optics and Lasers in Engineering, 2020, 128, 106003.	3.8	122
11	Resolution-enhanced intensity diffraction tomography in high numerical aperture label-free microscopy. Photonics Research, 2020, 8, 1818.	7.0	18
12	Label-free quantitative 3D intensity diffraction tomographic imaging in high numerical aperture microscopy. , 2020, , .		0
13	High-speed in vitro intensity diffraction tomography. Advanced Photonics, 2019, 1, 1.	11.8	100
14	Three-dimensional tomographic microscopy technique with multi-frequency combination with partially coherent illuminations. , 2019, , .		1
15	Optimal illumination pattern for transport-of-intensity quantitative phase microscopy. Optics Express, 2018, 26, 27599.	3.4	27
16	Three-dimensional tomographic microscopy technique with multi-frequency combination with partially coherent illuminations. Biomedical Optics Express, 2018, 9, 2526.	2.9	46
17	Lensfree dynamic super-resolved phase imaging based on active micro-scanning. Optics Letters, 2018, 43, 3714.	3.3	29
18	The dynamic super-resolution phase imaging based on low-cost lensfree system. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Optical diffraction tomography microscopy with transport of intensity equation using a light-emitting diode array. <i>Optics and Lasers in Engineering</i> , 2017, 95, 26-34.	3.8	31
20	High-resolution transport-of-intensity quantitative phase microscopy with annular illumination. <i>Scientific Reports</i> , 2017, 7, 7654.	3.3	256
21	Adaptive pixel-super-resolved lensfree in-line digital holography for wide-field on-chip microscopy. <i>Scientific Reports</i> , 2017, 7, 11777.	3.3	61
22	Efficient quantitative phase microscopy using programmable annular LED illumination. <i>Biomedical Optics Express</i> , 2017, 8, 4687.	2.9	45
23	Multimodal computational microscopy based on transport of intensity equation. <i>Journal of Biomedical Optics</i> , 2016, 21, 1.	2.6	17