Jiaji Li

List of Publications by Year in descending order

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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	Transport of intensity equation: a tutorial. Optics and Lasers in Engineering, 2020, 135, 106187.	3.8	272
2	High-resolution transport-of-intensity quantitative phase microscopy with annular illumination. Scientific Reports, 2017, 7, 7654.	3.3	256
3	Wide-field high-resolution 3D microscopy with Fourier ptychographic diffraction tomography. Optics and Lasers in Engineering, 2020, 128, 106003.	3.8	122
4	High-speed in vitro intensity diffraction tomography. Advanced Photonics, 2019, 1, 1.	11.8	100
5	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
6	Adaptive pixel-super-resolved lensfree in-line digital holography for wide-field on-chip microscopy. Scientific Reports, 2017, 7, 11777.	3.3	61
7	Smart computational light microscopes (SCLMs) of smart computational imaging laboratory (SCILab). PhotoniX, 2021, 2, .	13.5	56
8	Three-dimensional tomographic microscopy technique with multi-frequency combination with partially coherent illuminations. Biomedical Optics Express, 2018, 9, 2526.	2.9	46
9	Efficient quantitative phase microscopy using programmable annular LED illumination. Biomedical Optics Express, 2017, 8, 4687.	2.9	45
10	Optical diffraction tomography microscopy with transport of intensity equation using a light-emitting diode array. Optics and Lasers in Engineering, 2017, 95, 26-34.	3.8	31
11	Lensfree dynamic super-resolved phase imaging based on active micro-scanning. Optics Letters, 2018, 43, 3714.	3.3	29
12	Optimal illumination pattern for transport-of-intensity quantitative phase microscopy. Optics Express, 2018, 26, 27599.	3.4	27
13	Resolution-enhanced intensity diffraction tomography in high numerical aperture label-free microscopy. Photonics Research, 2020, 8, 1818.	7.0	18
14	Multimodal computational microscopy based on transport of intensity equation. Journal of Biomedical Optics, 2016, 21, 1.	2.6	17
15	Single-exposure 3D label-free microscopy based on color-multiplexed intensity diffraction tomography. Optics Letters, 2022, 47, 969.	3.3	11
16	Optimization analysis of partially coherent illumination for refractive index tomographic microscopy. Optics and Lasers in Engineering, 2021, 143, 106624.	3.8	9
17	Accelerated Fourier ptychographic diffraction tomography with sparse annular <scp>LED</scp> illuminations. Journal of Biophotonics, 2022, 15, e202100272.	2.3	9
18	Absorption and phase decoupling in transport of intensity diffraction tomography. Optics and Lasers in Engineering, 2022, 156, 107082.	3.8	4

#	Article	IF	Citations
19	Three-dimensional tomographic microscopy technique with multi-frequency combination with partially coherent illuminations. , 2019, , .		1
20	The dynamic super-resolution phase imaging based on low-cost lensfree system. , 2018, , .		0
21	Single-exposure 3D label-free microscopy based on color-multiplexed intensity diffraction tomography. , 2021, , .		0
22	Optimizing design of partially coherent illumination for refractive index tomographic microscopy. , 2021, , .		0
23	Label-free quantitative 3D intensity diffraction tomographic imaging in high numerical aperture microscopy. , 2020, , .		0