

Juanjuan Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

381
citations

933447

10
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-free imaging of intracellular organelle dynamics using flat-fielding quantitative phase contrast microscopy (FF-QPCM). Optics Express, 2022, 30, 9505.	3.4	13
2	Large-field structured illumination microscopy based on 2D grating and a spatial light modulator. Optics Letters, 2022, 47, 2666.	3.3	13
3	High Spatio-Temporal Resolution Condenser-Free Quantitative Phase Contrast Microscopy. Frontiers in Physics, 2022, 10, .	2.1	1
4	Phase image correlation spectroscopy for detecting microfluidic dynamics. Applied Optics, 2022, 61, 5944.	1.8	3
5	Large-field lattice structured illumination microscopy. Optics Express, 2022, 30, 27951.	3.4	12
6	Dual-modality quantitative phase-contrast microscopy based on pupil phase modulation (DQPCM). Optics Communications, 2022, 522, 128685.	2.1	1
7	Transmission Structured Illumination Microscopy for Quantitative Phase and Scattering Imaging. Frontiers in Physics, 2021, 8, .	2.1	3
8	Numerical Investigation of Multifunctional Plasmonic Micro-Fiber Based on Fano Resonances and LSPR Excited via Cylindrical Vector Beam. Sensors, 2021, 21, 5642.	3.8	1
9	Structured illumination microscopy with partially coherent illumination for phase and fluorescent imaging. Optics Express, 2021, 29, 33679.	3.4	8
10	Digital micromirror device based ptychographic phase microscopy. Optics Communications, 2021, 498, 127218.	2.1	1
11	Partially Coherent Illumination Based Point-Diffraction Digital Holographic Microscopy Study Dynamics of Live Cells. Frontiers in Physics, 2021, 9, .	2.1	10
12	Polarization grating based on diffraction phase microscopy for quantitative phase imaging of paramecia. Optics Express, 2020, 28, 29775.	3.4	16
13	Resolution enhancement in quantitative phase microscopy. Advances in Optics and Photonics, 2019, 11, 135.	25.5	68
14	Dual-mode phase and fluorescence imaging with a confocal laser scanning microscope. Optics Letters, 2018, 43, 5689.	3.3	16
15	Aberration compensation and resolution improvement of focus modulation microscopy. Journal of Optics (United Kingdom), 2017, 19, 015302.	2.2	3
16	Opposite-view digital holographic microscopy with autofocusing capability. Scientific Reports, 2017, 7, 4255.	3.3	18
17	Refractive index measurement of suspended cells using opposed-view digital holographic microscopy. Applied Optics, 2017, 56, 9000.	1.8	11
18	Bessel beam CARS of axially structured samples. Scientific Reports, 2015, 5, 10991.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Vibrational phase imaging in wide-field CARS for nonresonant background suppression. Optics Express, 2015, 23, 10756.	3.4	9
20	Autofocusing and resolution enhancement in digital holographic microscopy by using speckle-illumination. Journal of Optics (United Kingdom), 2015, 17, 085301.	2.2	29
21	Digital holographic microscopy with phase-shift-free structured illumination. Photonics Research, 2014, 2, 87.	7.0	31
22	Phase contrast microscopy with fringe contrast adjustable by using grating-based phase-shifter. Optics Express, 2012, 20, 16077.	3.4	3
23	Fluorescence volume imaging with an axicon: simulation study based on scalar diffraction method. Applied Optics, 2012, 51, 7236.	1.8	23
24	Parallel two-step phase-shifting point-diffraction interferometry for microscopy based on a pair of cube beamsplitters. Optics Express, 2011, 19, 1930.	3.4	76
25	Reflectional Quantitative Phase-Contrast Microscopy (RQPCM) with Annular Epiillumination. Applied Optics, 0, , .	1.8	2