

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	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
2	Resolution enhancement in quantitative phase microscopy. Advances in Optics and Photonics, 2019, 11, 135.	25.5	68
3	Digital holographic microscopy with phase-shift-free structured illumination. Photonics Research, 2014, 2, 87.	7.0	31
4	Autofocusing and resolution enhancement in digital holographic microscopy by using speckle-illumination. Journal of Optics (United Kingdom), 2015, 17, 085301.	2.2	29
5	Fluorescence volume imaging with an axicon: simulation study based on scalar diffraction method. Applied Optics, 2012, 51, 7236.	1.8	23
6	Opposite-view digital holographic microscopy with autofocusing capability. Scientific Reports, 2017, 7, 4255.	3.3	18
7	Polarization grating based on diffraction phase microscopy for quantitative phase imaging of paramecia. Optics Express, 2020, 28, 29775.	3.4	16
8	Dual-mode phase and fluorescence imaging with a confocal laser scanning microscope. Optics Letters, 2018, 43, 5689.	3.3	16
9	Label-free imaging of intracellular organelle dynamics using flat-fielding quantitative phase contrast microscopy (FF-QPCM). Optics Express, 2022, 30, 9505.	3.4	13
10	Large-field structured illumination microscopy based on 2D grating and a spatial light modulator. Optics Letters, 2022, 47, 2666.	3.3	13
11	Large-field lattice structured illumination microscopy. Optics Express, 2022, 30, 27951.	3.4	12
12	Refractive index measurement of suspended cells using opposed-view digital holographic microscopy. Applied Optics, 2017, 56, 9000.	1.8	11
13	Bessel beam CARS of axially structured samples. Scientific Reports, 2015, 5, 10991.	3.3	10
14	Partially Coherent Illumination Based Point-Diffraction Digital Holographic Microscopy Study Dynamics of Live Cells. Frontiers in Physics, 2021, 9, .	2.1	10
15	Vibrational phase imaging in wide-field CARS for nonresonant background suppression. Optics Express, 2015, 23, 10756.	3.4	9
16	Structured illumination microscopy with partially coherent illumination for phase and fluorescent imaging. Optics Express, 2021, 29, 33679.	3.4	8
17	Phase contrast microscopy with fringe contrast adjustable by using grating-based phase-shifter. Optics Express, 2012, 20, 16077.	3.4	3
18	Aberration compensation and resolution improvement of focus modulation microscopy. Journal of Optics (United Kingdom), 2017, 19, 015302.	2.2	3

#	ARTICLE	IF	CITATIONS
19	Transmission Structured Illumination Microscopy for Quantitative Phase and Scattering Imaging. <i>Frontiers in Physics</i> , 2021, 8, .	2.1	3
20	Phase image correlation spectroscopy for detecting microfluidic dynamics. <i>Applied Optics</i> , 2022, 61, 5944.	1.8	3
21	Reflectional Quantitative Phase-Contrast Microscopy (RQPCM) with Annular Epiillumination. <i>Applied Optics</i> , 0, , .	1.8	2
22	Numerical Investigation of Multifunctional Plasmonic Micro-Fiber Based on Fano Resonances and LSPR Excited via Cylindrical Vector Beam. <i>Sensors</i> , 2021, 21, 5642.	3.8	1
23	Digital micromirror device based ptychographic phase microscopy. <i>Optics Communications</i> , 2021, 498, 127218.	2.1	1
24	High Spatio-Temporal Resolution Condenser-Free Quantitative Phase Contrast Microscopy. <i>Frontiers in Physics</i> , 2022, 10, .	2.1	1
25	Dual-modality quantitative phase-contrast microscopy based on pupil phase modulation (DQPCM). <i>Optics Communications</i> , 2022, 522, 128685.	2.1	1