

Xiaoze Ou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10482369/publications.pdf>

Version: 2024-02-01

21
papers

1,875
citations

394421

19
h-index

642732

23
g-index

24
all docs

24
docs citations

24
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffraction tomography with Fourier ptychography. <i>Optica</i> , 2016, 3, 827.	9.3	193
2	Aperture scanning Fourier ptychographic microscopy. <i>Biomedical Optics Express</i> , 2016, 7, 3140.	2.9	38
3	Wide-field Fourier ptychographic microscopy using laser illumination source. <i>Biomedical Optics Express</i> , 2016, 7, 4787.	2.9	60
4	Quantitative phase imaging and complex field reconstruction by pupil modulation differential phase contrast. <i>Optics Express</i> , 2016, 24, 25345.	3.4	40
5	Fourier ptychographic reconstruction using Poisson maximum likelihood and truncated Wirtinger gradient. <i>Scientific Reports</i> , 2016, 6, 27384.	3.3	61
6	Wide field-of-view fluorescence image deconvolution with aberration-estimation from Fourier ptychography. <i>Biomedical Optics Express</i> , 2016, 7, 352.	2.9	48
7	Counting White Blood Cells from a Blood Smear Using Fourier Ptychographic Microscopy. <i>PLoS ONE</i> , 2015, 10, e0133489.	2.5	68
8	Solving ptychography with a convex relaxation. <i>New Journal of Physics</i> , 2015, 17, 053044.	2.9	73
9	High numerical aperture Fourier ptychography: principle, implementation and characterization. <i>Optics Express</i> , 2015, 23, 3472.	3.4	151
10	Digital pathology with Fourier ptychography. <i>Computerized Medical Imaging and Graphics</i> , 2015, 42, 38-43.	5.8	76
11	Fourier Ptychographic Microscopy: A Gigapixel Superscope for Biomedicine. <i>Optics and Photonics News</i> , 2014, 25, 26.	0.5	40
12	Fourier ptychographic microscopy for filtration-based circulating tumor cell enumeration and analysis. <i>Journal of Biomedical Optics</i> , 2014, 19, 066007.	2.6	73
13	Overlapped Fourier coding for optical aberration removal. <i>Optics Express</i> , 2014, 22, 24062.	3.4	40
14	Aperture-scanning Fourier ptychography for 3D refocusing and super-resolution macroscopic imaging. <i>Optics Express</i> , 2014, 22, 13586.	3.4	166
15	05 gigapixel microscopy using a flatbed scanner. <i>Biomedical Optics Express</i> , 2014, 5, 1.	2.9	38
16	Embedded pupil function recovery for Fourier ptychographic microscopy. <i>Optics Express</i> , 2014, 22, 4960.	3.4	311
17	Modeling Extensions of Fourier Ptychographic Microscopy. <i>Microscopy and Microanalysis</i> , 2014, 20, 370-371.	0.4	3
18	Imaging and Identification of Waterborne Parasites Using a Chip-Scale Microscope. <i>PLoS ONE</i> , 2014, 9, e89712.	2.5	31

#	ARTICLE	IF	CITATIONS
19	Fourier Ptychography “Towards Perfect Microscope. , 2014, , .		0
20	Characterization of spatially varying aberrations for wide field-of-view microscopy. Optics Express, 2013, 21, 15131.	3.4	67
21	Quantitative phase imaging via Fourier ptychographic microscopy. Optics Letters, 2013, 38, 4845.	3.3	289