

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	Embedded pupil function recovery for Fourier ptychographic microscopy. Optics Express, 2014, 22, 4960.	3.4	311
2	Quantitative phase imaging via Fourier ptychographic microscopy. Optics Letters, 2013, 38, 4845.	3.3	289
3	Diffraction tomography with Fourier ptychography. Optica, 2016, 3, 827.	9.3	193
4	Aperture-scanning Fourier ptychography for 3D refocusing and super-resolution macroscopic imaging. Optics Express, 2014, 22, 13586.	3.4	166
5	High numerical aperture Fourier ptychography: principle, implementation and characterization. Optics Express, 2015, 23, 3472.	3.4	151
6	Digital pathology with Fourier ptychography. Computerized Medical Imaging and Graphics, 2015, 42, 38-43.	5.8	76
7	Fourier ptychographic microscopy for filtration-based circulating tumor cell enumeration and analysis. Journal of Biomedical Optics, 2014, 19, 066007.	2.6	73
8	Solving ptychography with a convex relaxation. New Journal of Physics, 2015, 17, 053044.	2.9	73
9	Counting White Blood Cells from a Blood Smear Using Fourier Ptychographic Microscopy. PLoS ONE, 2015, 10, e0133489.	2.5	68
10	Characterization of spatially varying aberrations for wide field-of-view microscopy. Optics Express, 2013, 21, 15131.	3.4	67
11	Fourier ptychographic reconstruction using Poisson maximum likelihood and truncated Wirtinger gradient. Scientific Reports, 2016, 6, 27384.	3.3	61
12	Wide-field Fourier ptychographic microscopy using laser illumination source. Biomedical Optics Express, 2016, 7, 4787.	2.9	60
13	Wide field-of-view fluorescence image deconvolution with aberration-estimation from Fourier ptychography. Biomedical Optics Express, 2016, 7, 352.	2.9	48
14	Fourier Ptychographic Microscopy: A Gigapixel Superscope for Biomedicine. Optics and Photonics News, 2014, 25, 26.	0.5	40
15	Overlapped Fourier coding for optical aberration removal. Optics Express, 2014, 22, 24062.	3.4	40
16	Quantitative phase imaging and complex field reconstruction by pupil modulation differential phase contrast. Optics Express, 2016, 24, 25345.	3.4	40
17	05 gigapixel microscopy using a flatbed scanner. Biomedical Optics Express, 2014, 5, 1.	2.9	38
18	Aperture scanning Fourier ptychographic microscopy. Biomedical Optics Express, 2016, 7, 3140.	2.9	38

#	ARTICLE	IF	CITATIONS
19	Imaging and Identification of Waterborne Parasites Using a Chip-Scale Microscope. PLoS ONE, 2014, 9, e89712.	2.5	31
20	Modeling Extensions of Fourier Ptychographic Microscopy. Microscopy and Microanalysis, 2014, 20, 370-371.	0.4	3
21	Fourier Ptychography â€œ Towards Perfect Microscope. , 2014, , .		0