Jaebum Chung

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9063889/publications.pdf

Version: 2024-02-01

13	721	759233 12	1058476 14
papers	citations	h-index	g-index

14	14	14	540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diffraction tomography with Fourier ptychography. Optica, 2016, 3, 827.	9.3	193
2	Fourier ptychographic microscopy for filtration-based circulating tumor cell enumeration and analysis. Journal of Biomedical Optics, 2014, 19, 066007.	2.6	73
3	Counting White Blood Cells from a Blood Smear Using Fourier Ptychographic Microscopy. PLoS ONE, 2015, 10, e0133489.	2.5	68
4	Fourier ptychographic reconstruction using Poisson maximum likelihood and truncated Wirtinger gradient. Scientific Reports, 2016, 6, 27384.	3.3	61
5	Wide-field Fourier ptychographic microscopy using laser illumination source. Biomedical Optics Express, 2016, 7, 4787.	2.9	60
6	Wide field-of-view fluorescence image deconvolution with aberration-estimation from Fourier ptychography. Biomedical Optics Express, 2016, 7, 352.	2.9	48
7	Fourier Ptychographic Microscopy: A Gigapixel Superscope for Biomedicine. Optics and Photonics News, 2014, 25, 26.	0.5	40
8	Overlapped Fourier coding for optical aberration removal. Optics Express, 2014, 22, 24062.	3.4	40
9	Quantitative phase imaging and complex field reconstruction by pupil modulation differential phase contrast. Optics Express, 2016, 24, 25345.	3.4	40
10	Aperture scanning Fourier ptychographic microscopy. Biomedical Optics Express, 2016, 7, 3140.	2.9	38
11	Computational aberration compensation by coded-aperture-based correction of aberration obtained from optical Fourier coding and blur estimation. Optica, 2019, 6, 647.	9.3	34
12	Computational aberration correction of VIS-NIR multispectral imaging microscopy based on Fourier ptychography. Optics Express, 2019, 27, 24923.	3.4	23
13	Fourier Ptychographic Microscopy for Rapid, High-Resolution Imaging of Circulating Tumor Cells Enriched by Microfiltration. Methods in Molecular Biology, 2017, 1634, 107-117.	0.9	2