

Jaebum Chung

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

721
citations

759233

12
h-index

1058476

14
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all docs

14
docs citations

14
times ranked

540
citing authors

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