

SiÅen Culley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8192096/publications.pdf>

Version: 2024-02-01

18
papers

2,371
citations

566801

15
h-index

839053

18
g-index

27
all docs

27
docs citations

27
times ranked

3274
citing authors

#	ARTICLE	IF	CITATIONS
1	Content-aware image restoration: pushing the limits of fluorescence microscopy. <i>Nature Methods</i> , 2018, 15, 1090-1097.	9.0	758
2	Fast live-cell conventional fluorophore nanoscopy with ImageJ through super-resolution radial fluctuations. <i>Nature Communications</i> , 2016, 7, 12471.	5.8	468
3	Quantitative mapping and minimization of super-resolution optical imaging artifacts. <i>Nature Methods</i> , 2018, 15, 263-266.	9.0	266
4	SRRF: Universal live-cell super-resolution microscopy. <i>International Journal of Biochemistry and Cell Biology</i> , 2018, 101, 74-79.	1.2	130
5	NanoJ: a high-performance open-source super-resolution microscopy toolbox. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 163001.	1.3	120
6	Mitochondria mediate septin cage assembly to promote autophagy of <i>Shigella</i> . <i>EMBO Reports</i> , 2016, 17, 1029-1043.	2.0	91
7	Automating multimodal microscopy with NanoJ-Fluidics. <i>Nature Communications</i> , 2019, 10, 1223.	5.8	84
8	The proteasome controls ESCRT-III-mediated cell division in an archaeon. <i>Science</i> , 2020, 369, .	6.0	63
9	Fix Your Membrane Receptor Imaging: Actin Cytoskeleton and CD4 Membrane Organization Disruption by Chemical Fixation. <i>Frontiers in Immunology</i> , 2019, 10, 675.	2.2	57
10	PALM and STORM: Into large fields and high-throughput microscopy with sCMOS detectors. <i>Methods</i> , 2015, 88, 109-121.	1.9	49
11	Closed mitosis requires local disassembly of the nuclear envelope. <i>Nature</i> , 2020, 585, 119-123.	13.7	49
12	Between life and death: strategies to reduce phototoxicity in super-resolution microscopy. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 163001.	1.3	49
13	Live Imaging of a Hyperthermophilic Archaeon Reveals Distinct Roles for Two ESCRT-III Homologs in Ensuring a Robust and Symmetric Division. <i>Current Biology</i> , 2020, 30, 2852-2859.e4.	1.8	45
14	Physical mechanisms of ESCRT-III-driven cell division. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	25
15	Infection Counter: Automated Quantification of in Vitro Virus Replication by Fluorescence Microscopy. <i>Viruses</i> , 2016, 8, 201.	1.5	20
16	Heterogeneous localisation of membrane proteins in <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2018, 8, 3657.	1.6	18
17	Low power super resolution fluorescence microscopy by lifetime modification and image reconstruction. <i>Optics Express</i> , 2014, 22, 12327.	1.7	9
18	Rapid and complete paraffin removal from human tissue sections delivers enhanced Raman spectroscopic and histopathological analysis. <i>Analyst, The</i> , 2020, 145, 1499-1510.	1.7	9