

SiÅçn 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

567281
15
h-index

839539
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. Nature Methods, 2018, 15, 1090-1097.	19.0	758
2	Fast live-cell conventional fluorophore nanoscopy with ImageJ through super-resolution radial fluctuations. Nature Communications, 2016, 7, 12471.	12.8	468
3	Quantitative mapping and minimization of super-resolution optical imaging artifacts. Nature Methods, 2018, 15, 263-266.	19.0	266
4	SRRF: Universal live-cell super-resolution microscopy. International Journal of Biochemistry and Cell Biology, 2018, 101, 74-79.	2.8	130
5	NanoJ: a high-performance open-source super-resolution microscopy toolbox. Journal Physics D: Applied Physics, 2019, 52, 163001.	2.8	120
6	Mitochondria mediate septin cage assembly to promote autophagy of <i>Shigella</i> . EMBO Reports, 2016, 17, 1029-1043.	4.5	91
7	Automating multimodal microscopy with NanoJ-Fluidics. Nature Communications, 2019, 10, 1223.	12.8	84
8	The proteasome controls ESCRT-III-mediated cell division in an archaeon. Science, 2020, 369, .	12.6	63
9	Fix Your Membrane Receptor Imaging: Actin Cytoskeleton and CD4 Membrane Organization Disruption by Chemical Fixation. Frontiers in Immunology, 2019, 10, 675.	4.8	57
10	PALM and STORM: Into large fields and high-throughput microscopy with sCMOS detectors. Methods, 2015, 88, 109-121.	3.8	49
11	Closed mitosis requires local disassembly of the nuclear envelope. Nature, 2020, 585, 119-123.	27.8	49
12	Between life and death: strategies to reduce phototoxicity in super-resolution microscopy. Journal Physics D: Applied Physics, 2020, 53, 163001.	2.8	49
13	Live Imaging of a Hyperthermophilic Archaeon Reveals Distinct Roles for Two ESCRT-III Homologs in Ensuring a Robust and Symmetric Division. Current Biology, 2020, 30, 2852-2859.e4.	3.9	45
14	Physical mechanisms of ESCRT-III-driven cell division. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	25
15	Infection Counter: Automated Quantification of in Vitro Virus Replication by Fluorescence Microscopy. Viruses, 2016, 8, 201.	3.3	20
16	Heterogeneous localisation of membrane proteins in Staphylococcus aureus. Scientific Reports, 2018, 8, 3657.	3.3	18
17	Low power super resolution fluorescence microscopy by lifetime modification and image reconstruction. Optics Express, 2014, 22, 12327.	3.4	9
18	Rapid and complete paraffin removal from human tissue sections delivers enhanced Raman spectroscopic and histopathological analysis. Analyst, The, 2020, 145, 1499-1510.	3.5	9