

Ryan Christensen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/987965/publications.pdf>

Version: 2024-02-01

12
papers

660
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1039
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-view plane illumination microscopy for rapid and spatially isotropic imaging. Nature Protocols, 2014, 9, 2555-2573.	12.0	195
2	Two-photon instant structured illumination microscopy improves the depth penetration of super-resolution imaging in thick scattering samples. Optica, 2014, 1, 181.	9.3	107
3	Adaptive optics improves multiphoton super-resolution imaging. Nature Methods, 2017, 14, 869-872.	19.0	97
4	Structural and developmental principles of neuropil assembly in <i>C. elegans</i> . Nature, 2021, 591, 99-104.	27.8	60
5	Multiview confocal super-resolution microscopy. Nature, 2021, 600, 279-284.	27.8	55
6	Reflective imaging improves spatiotemporal resolution and collection efficiency in light sheet microscopy. Nature Communications, 2017, 8, 1452.	12.8	41
7	Visualizing Calcium Flux in Freely Moving Nematode Embryos. Biophysical Journal, 2017, 112, 1975-1983.	0.5	31
8	Using Stage- and Slit-Scanning to Improve Contrast and Optical Sectioning in Dual-View Inverted Light Sheet Microscopy (diSPIM). Biological Bulletin, 2016, 231, 26-39.	1.8	24
9	A polymer index-matched to water enables diverse applications in fluorescence microscopy. Lab on A Chip, 2021, 21, 1549-1562.	6.0	18
10	Isotropic Light-Sheet Microscopy and Automated Cell Lineage Analyses to Catalogue <i>Caenorhabditis elegans</i> Embryogenesis with Subcellular Resolution. Journal of Visualized Experiments, 2019, , .	0.3	17
11	A Genetically Encoded Biosensor Strategy for Quantifying Non-muscle Myosin II Phosphorylation Dynamics in Living Cells and Organisms. Cell Reports, 2018, 24, 1060-1070.e4.	6.4	13
12	Multi-tissue patterning drives anterior morphogenesis of the <i>C. elegans</i> embryo. Developmental Biology, 2021, 471, 49-64.	2.0	2