

Joran Deschamps

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1658917/publications.pdf>

Version: 2024-02-01

11
papers

1,006
citations

1039880

9
h-index

1281743

11
g-index

20
all docs

20
docs citations

20
times ranked

1524
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time 3D single-molecule localization using experimental point spread functions. Nature Methods, 2018, 15, 367-369.	9.0	234
2	Adaptive rheology and ordering of cell cytoskeleton govern matrix rigidity sensing. Nature Communications, 2015, 6, 7525.	5.8	233
3	Systematic Nanoscale Analysis of Endocytosis Links Efficient Vesicle Formation to Patterned Actin Nucleation. Cell, 2018, 174, 884-896.e17.	13.5	175
4	Optimizing imaging speed and excitation intensity for single-molecule localization microscopy. Nature Methods, 2020, 17, 909-912.	9.0	77
5	Efficient homogeneous illumination and optical sectioning for quantitative single-molecule localization microscopy. Optics Express, 2016, 24, 28080.	1.7	74
6	3D superresolution microscopy by supercritical angle detection. Optics Express, 2014, 22, 29081.	1.7	65
7	Cost-efficient open source laser engine for microscopy. Biomedical Optics Express, 2020, 11, 609.	1.5	38
8	Whole-head recording of chemosensory activity in the marine annelid <i>Platynereis dumerilii</i> . Open Biology, 2018, 8, .	1.5	23
9	Direct supercritical angle localization microscopy for nanometer 3D superresolution. Nature Communications, 2021, 12, 1180.	5.8	22
10	EMU: reconfigurable graphical user interfaces for Micro-Manager. BMC Bioinformatics, 2020, 21, 456.	1.2	17
11	Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy. Nature Communications, 2022, 13, .	5.8	10