

Joran Deschamps

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

574
citations

9
h-index

20
g-index

20
ext. papers

853
ext. citations

15.2
avg, IF

3.85
L-index

#	Paper	IF	Citations
14	Direct supercritical angle localization microscopy for nanometer 3D superresolution. <i>Nature Communications</i> , 2021 , 12, 1180	17.4	8
13	Cost-efficient open source laser engine for microscopy. <i>Biomedical Optics Express</i> , 2020 , 11, 609-623	3.5	10
12	EMU: reconfigurable graphical user interfaces for Micro-Manager. <i>BMC Bioinformatics</i> , 2020 , 21, 456	3.6	5
11	Optimizing imaging speed and excitation intensity for single-molecule localization microscopy. <i>Nature Methods</i> , 2020 , 17, 909-912	21.6	30
10	Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , 2018 , 15, 367-369	21.6	133
9	Systematic Nanoscale Analysis of Endocytosis Links Efficient Vesicle Formation to Patterned Actin Nucleation. <i>Cell</i> , 2018 , 174, 884-896.e17	56.2	99
8	Whole-head recording of chemosensory activity in the marine annelid. <i>Open Biology</i> , 2018 , 8,	7	13
7	Efficient homogeneous illumination and optical sectioning for quantitative single-molecule localization microscopy. <i>Optics Express</i> , 2016 , 24, 28080-28090	3.3	47
6	Adaptive rheology and ordering of cell cytoskeleton govern matrix rigidity sensing. <i>Nature Communications</i> , 2015 , 6, 7525	17.4	156
5	3D superresolution microscopy by supercritical angle detection. <i>Optics Express</i> , 2014 , 22, 29081-91	3.3	49
4	A real-time compression library for microscopy images		15
3	Systematic analysis of the molecular architecture of endocytosis reveals a nanoscale actin nucleation template that drives efficient vesicle formation		5
2	Whole-head recording of chemosensory activity in the marine annelid <i>Platynereis dumerilii</i>		2
1	Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy		1