

Lars Hufnagel

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6981924/lars-hufnagel-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

15
papers

912
citations

12
h-index

18
g-index

18
ext. papers

1,237
ext. citations

24.3
avg, IF

4.09
L-index

#	Paper	IF	Citations
15	Multiview light-sheet microscope for rapid in toto imaging. <i>Nature Methods</i> , 2012 , 9, 730-3	21.6	321
14	Quantitative fluorescence imaging of protein diffusion and interaction in living cells. <i>Nature Biotechnology</i> , 2011 , 29, 835-9	44.5	134
13	Inverted light-sheet microscope for imaging mouse pre-implantation development. <i>Nature Methods</i> , 2016 , 13, 139-42	21.6	102
12	Dual-spindle formation in zygotes keeps parental genomes apart in early mammalian embryos. <i>Science</i> , 2018 , 361, 189-193	33.3	72
11	Confocal multiview light-sheet microscopy. <i>Nature Communications</i> , 2015 , 6, 8881	17.4	55
10	Breaking the diffraction limit of light-sheet fluorescence microscopy by RESOLFT. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 3442-6	11.5	54
9	Instantaneous isotropic volumetric imaging of fast biological processes. <i>Nature Methods</i> , 2019 , 16, 497-506	11.6	51
8	Contact area-dependent cell communication and the morphological invariance of ascidian embryogenesis. <i>Science</i> , 2020 , 369,	33.3	29
7	Endoplasmic-reticulum-mediated microtubule alignment governs cytoplasmic streaming. <i>Nature Cell Biology</i> , 2017 , 19, 399-406	23.4	24
6	MorphoSeq: Full Single-Cell Transcriptome Dynamics Up to Gastrulation in a Chordate. <i>Cell</i> , 2020 , 181, 922-935.e21	56.2	24
5	Deep learning-enhanced light-field imaging with continuous validation. <i>Nature Methods</i> , 2021 , 18, 557-563	63.6	18
4	The Dpp/TGF β dependent corepressor Schnurri protects epithelial cells from JNK-induced apoptosis in drosophila embryos. <i>Developmental Cell</i> , 2014 , 31, 240-7	10.2	13
3	Decoupling from yolk sac is required for extraembryonic tissue spreading in the scuttle fly. <i>ELife</i> , 2018 , 7,	8.9	9
2	Aster repulsion drives local ordering in an active system		2
1	Let there be light-at the right place. <i>Nature Biotechnology</i> , 2016 , 34, 1246-1247	44.5	2