

Lars Hufnagel

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6981924/lars-hufnagel-publications-by-year.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	Deep learning-enhanced light-field imaging with continuous validation. <i>Nature Methods</i> , 2021 , 18, 557-563.	33.6	18
14	Contact area-dependent cell communication and the morphological invariance of ascidian embryogenesis. <i>Science</i> , 2020 , 369,	33.3	29
13	MorphoSeq: Full Single-Cell Transcriptome Dynamics Up to Gastrulation in a Chordate. <i>Cell</i> , 2020 , 181, 922-935.e21	56.2	24
12	Instantaneous isotropic volumetric imaging of fast biological processes. <i>Nature Methods</i> , 2019 , 16, 497-506	50.6	51
11	Dual-spindle formation in zygotes keeps parental genomes apart in early mammalian embryos. <i>Science</i> , 2018 , 361, 189-193	33.3	72
10	Decoupling from yolk sac is required for extraembryonic tissue spreading in the scuttle fly. <i>ELife</i> , 2018 , 7,	8.9	9
9	Endoplasmic-reticulum-mediated microtubule alignment governs cytoplasmic streaming. <i>Nature Cell Biology</i> , 2017 , 19, 399-406	23.4	24
8	Inverted light-sheet microscope for imaging mouse pre-implantation development. <i>Nature Methods</i> , 2016 , 13, 139-42	21.6	102
7	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
6	Let there be light-at the right place. <i>Nature Biotechnology</i> , 2016 , 34, 1246-1247	44.5	2
5	Confocal multiview light-sheet microscopy. <i>Nature Communications</i> , 2015 , 6, 8881	17.4	55
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	Multiview light-sheet microscope for rapid in toto imaging. <i>Nature Methods</i> , 2012 , 9, 730-3	21.6	321
2	Quantitative fluorescence imaging of protein diffusion and interaction in living cells. <i>Nature Biotechnology</i> , 2011 , 29, 835-9	44.5	134
1	Aster repulsion drives local ordering in an active system		2