

# Lars Hufnagel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6981924/publications.pdf>

Version: 2024-02-01

15  
papers

1,419  
citations

758635

12  
h-index

996533

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiview light-sheet microscope for rapid in toto imaging. Nature Methods, 2012, 9, 730-733.	9.0	453
2	Inverted light-sheet microscope for imaging mouse pre-implantation development. Nature Methods, 2016, 13, 139-142.	9.0	153
3	Quantitative fluorescence imaging of protein diffusion and interaction in living cells. Nature Biotechnology, 2011, 29, 835-839.	9.4	146
4	Dual-spindle formation in zygotes keeps parental genomes apart in early mammalian embryos. Science, 2018, 361, 189-193.	6.0	118
5	Instantaneous isotropic volumetric imaging of fast biological processes. Nature Methods, 2019, 16, 497-500.	9.0	89
6	Contact area-dependent cell communication and the morphological invariance of ascidian embryogenesis. Science, 2020, 369, .	6.0	89
7	Confocal multiview light-sheet microscopy. Nature Communications, 2015, 6, 8881.	5.8	88
8	Deep learning-enhanced light-field imaging with continuous validation. Nature Methods, 2021, 18, 557-563.	9.0	75
9	Breaking the diffraction limit of light-sheet fluorescence microscopy by RESOLFT. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3442-3446.	3.3	72
10	Endoplasmic-reticulum-mediated microtubule alignment governs cytoplasmic streaming. Nature Cell Biology, 2017, 19, 399-406.	4.6	43
11	MorphoSeq: Full Single-Cell Transcriptome Dynamics Up to Gastrulation in a Chordate. Cell, 2020, 181, 922-935.e21.	13.5	38
12	The Dpp/TGF $\beta$ -Dependent Corepressor Schnurri Protects Epithelial Cells from JNK-Induced Apoptosis in Drosophila Embryos. Developmental Cell, 2014, 31, 240-247.	3.1	17
13	Aster repulsion drives short-ranged ordering in the <i>Drosophila</i> syncytial blastoderm. Development (Cambridge), 2022, 149, .	1.2	16
14	Decoupling from yolk sac is required for extraembryonic tissue spreading in the scuttle fly <i>Megaselia abdita</i> . ELife, 2018, 7, .	2.8	13
15	Let there be light at the right place. Nature Biotechnology, 2016, 34, 1246-1247.	9.4	2