

# Wesley R Legant

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8056002/publications.pdf>

Version: 2024-02-01

17  
papers

4,535  
citations

516215

16  
h-index

887659

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

7330  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-functional microfluidic device compatible with widefield and light sheet microscopy. Lab on A Chip, 2021, 22, 136-147.	3.1	4
2	3D ATAC-PALM: super-resolution imaging of the accessible genome. Nature Methods, 2020, 17, 430-436.	9.0	62
3	Software for lattice light-sheet imaging of FRET biosensors, illustrated with a new Rap1 biosensor. Journal of Cell Biology, 2019, 218, 3153-3160.	2.3	32
4	Augmin accumulation on long-lived microtubules drives amplification and kinetochore-directed growth. Journal of Cell Biology, 2019, 218, 2150-2168.	2.3	75
5	Improving probes for super-resolution. Nature Methods, 2018, 15, 659-660.	9.0	25
6	Applying systems-level spectral imaging and analysis to reveal the organelle interactome. Nature, 2017, 546, 162-167.	13.7	828
7	Membrane dynamics of dividing cells imaged by lattice light-sheet microscopy. Molecular Biology of the Cell, 2016, 27, 3418-3435.	0.9	121
8	Increased spatiotemporal resolution reveals highly dynamic dense tubular matrices in the peripheral ER. Science, 2016, 354, .	6.0	361
9	High-density three-dimensional localization microscopy across large volumes. Nature Methods, 2016, 13, 359-365.	9.0	262
10	Flagellar membrane fusion and protein exchange in trypanosomes; a new form of cell-cell communication?. F1000Research, 2016, 5, 682.	0.8	25
11	Real-time imaging of Huntingtin aggregates diverting target search and gene transcription. ELife, 2016, 5, .	2.8	74
12	Actin Depletion Initiates Events Leading to Granule Secretion at the Immunological Synapse. Immunity, 2015, 42, 864-876.	6.6	271
13	Asymmetric formation of coated pits on dorsal and ventral surfaces at the leading edges of motile cells and on protrusions of immobile cells. Molecular Biology of the Cell, 2015, 26, 2044-2053.	0.9	34
14	Three-dimensional tracking of plus-tips by lattice light-sheet microscopy permits the quantification of microtubule growth trajectories within the mitotic apparatus. Journal of Biomedical Optics, 2015, 20, 1.	1.4	49
15	Single-Molecule Dynamics of Enhanceosome Assembly in Embryonic Stem Cells. Cell, 2014, 156, 1274-1285.	13.5	532
16	Lattice light-sheet microscopy: Imaging molecules to embryos at high spatiotemporal resolution. Science, 2014, 346, 1257998.	6.0	1,567
17	3D imaging of Sox2 enhancer clusters in embryonic stem cells. ELife, 2014, 3, e04236.	2.8	204