

# Ulf Matti

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/262002/publications.pdf>

Version: 2024-02-01

12  
papers

955  
citations

932766

10  
h-index

1125271

13  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. Nature Methods, 2019, 16, 1045-1053.	9.0	236
2	Real-time 3D single-molecule localization using experimental point spread functions. Nature Methods, 2018, 15, 367-369.	9.0	234
3	Deep learning enables fast and dense single-molecule localization with high accuracy. Nature Methods, 2021, 18, 1082-1090.	9.0	122
4	Acetylated tubulin is essential for touch sensation in mice. ELife, 2016, 5, .	2.8	78
5	Optimizing imaging speed and excitation intensity for single-molecule localization microscopy. Nature Methods, 2020, 17, 909-912.	9.0	77
6	Site-Specifically-Labeled Antibodies for Super-Resolution Microscopy Reveal <i>In Situ</i> Linkage Errors. ACS Nano, 2021, 15, 12161-12170.	7.3	38
7	Cost-efficient open source laser engine for microscopy. Biomedical Optics Express, 2020, 11, 609.	1.5	38
8	Synaptic Convergence Patterns onto Retinal Ganglion Cells Are Preserved despite Topographic Variation in Pre- and Postsynaptic Territories. Cell Reports, 2018, 25, 2017-2026.e3.	2.9	31
9	Dynamic assembly of ribbon synapses and circuit maintenance in a vertebrate sensory system. Nature Communications, 2019, 10, 2167.	5.8	24
10	Direct supercritical angle localization microscopy for nanometer 3D superresolution. Nature Communications, 2021, 12, 1180.	5.8	22
11	Global fitting for high-accuracy multi-channel single-molecule localization. Nature Communications, 2022, 13, .	5.8	17
12	Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy. Nature Communications, 2022, 13, .	5.8	10