

# Ulf Matti

## List of Publications by Citations

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

14  
papers

397  
citations

8  
h-index

19  
g-index

23  
ext. papers

726  
ext. citations

15.9  
avg, IF

3.38  
L-index

#	Paper	IF	Citations
14	Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , <b>2018</b> , 15, 367-369	21.6	133
13	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. <i>Nature Methods</i> , <b>2019</b> , 16, 1045-1053	21.6	105
12	Acetylated tubulin is essential for touch sensation in mice. <i>ELife</i> , <b>2016</b> , 5,	8.9	51
11	Optimizing imaging speed and excitation intensity for single-molecule localization microscopy. <i>Nature Methods</i> , <b>2020</b> , 17, 909-912	21.6	30
10	Dynamic assembly of ribbon synapses and circuit maintenance in a vertebrate sensory system. <i>Nature Communications</i> , <b>2019</b> , 10, 2167	17.4	15
9	Synaptic Convergence Patterns onto Retinal Ganglion Cells Are Preserved despite Topographic Variation in Pre- and Postsynaptic Territories. <i>Cell Reports</i> , <b>2018</b> , 25, 2017-2026.e3	10.6	13
8	Deep learning enables fast and dense single-molecule localization with high accuracy. <i>Nature Methods</i> , <b>2021</b> , 18, 1082-1090	21.6	13
7	Cost-efficient open source laser engine for microscopy. <i>Biomedical Optics Express</i> , <b>2020</b> , 11, 609-623	3.5	10
6	Direct supercritical angle localization microscopy for nanometer 3D superresolution. <i>Nature Communications</i> , <b>2021</b> , 12, 1180	17.4	8
5	Site-Specifically-Labeled Antibodies for Super-Resolution Microscopy Reveal Linkage Errors. <i>ACS Nano</i> , <b>2021</b> ,	16.7	7
4	Deep learning enables fast and dense single-molecule localization with high accuracy		5
3	Nuclear pores as versatile reference standards for quantitative superresolution microscopy		4
2	Photon-free (s)CMOS camera characterization for artifact reduction in high- and super-resolution microscopy		1
1	Maximum-likelihood model fitting for quantitative analysis of SMLM data		1