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List of Publications by Year in Descending Order

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