

# Philipp Hoess

## List of Publications by Year in Descending Order

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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.

13 papers	539 citations	7 h-index	19 g-index
19 ext. papers	910 ext. citations	17.8 avg, IF	4.05 L-index

#	Paper	IF	Citations
13	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
12	MINFLUX nanoscopy delivers 3D multicolor nanometer resolution in cells. <i>Nature Methods</i> , <b>2020</b> , 17, 217-224	21.6	204
11	Identification of novel synaptonemal complex components in <i>C. elegans</i> . <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	22
10	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. <i>Nature Methods</i> , <b>2019</b> , 16, 1045-1053	21.6	105
9	A tessellation-based colocalization analysis approach for single-molecule localization microscopy. <i>Nature Communications</i> , <b>2019</b> , 10, 2379	17.4	31
8	Photoactivation of silicon rhodamines via a light-induced protonation. <i>Nature Communications</i> , <b>2019</b> , 10, 4580	17.4	19
7	Real-time 3D single-molecule localization using experimental point spread functions. <i>Nature Methods</i> , <b>2018</b> , 15, 367-369	21.6	133
6	Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization		1
5	Fast, robust and precise 3D localization for arbitrary point spread functions		1
4	3D super-resolution fluorescence microscopy maps the variable molecular architecture of the Nuclear Pore Complex		1
3	Nuclear pores as versatile reference standards for quantitative superresolution microscopy		4
2	MINFLUX nanoscopy delivers multicolor nanometer 3D-resolution in (living) cells		4
1	Maximum-likelihood model fitting for quantitative analysis of SMLM data		1