Philipp Hoess

List of Publications by Year in Descending Order

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. *Nature Methods*, **2021**, 18, 1082-1090	21.6	13
12	MINFLUX nanoscopy delivers 3D multicolor nanometer resolution in cells. *Nature Methods*, **2020**, 17, 217-224	21.6	204
11	Identification of novel synaptonemal complex components in C. elegans. *Journal of Cell Biology*, **2020**, 219,	7.3	22
10	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. *Nature Methods*, **2019**, 16, 1045-1053	21.6	105
9	A tessellation-based colocalization analysis approach for single-molecule localization microscopy. *Nature Communications*, **2019**, 10, 2379	17.4	31
8	Photoactivation of silicon rhodamines via a light-induced protonation. *Nature Communications*, **2019**, 10, 4580	17.4	19
7	Real-time 3D single-molecule localization using experimental point spread functions. *Nature Methods*, **2018**, 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