Markus Mund

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/693513/publications.pdf

Version: 2024-02-01

14	1,325	840119 11	1058022 14
papers	citations	h-index	g-index

27	27	27	1853
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bax assembly into rings and arcs in apoptotic mitochondria is linked to membrane pores. EMBO Journal, 2016, 35, 389-401.	3.5	245
2	Nuclear pores as versatile reference standards for quantitative superresolution microscopy. Nature Methods, 2019, 16, 1045-1053.	9.0	236
3	Real-time 3D single-molecule localization using experimental point spread functions. Nature Methods, 2018, 15, 367-369.	9.0	234
4	Systematic Nanoscale Analysis of Endocytosis Links Efficient Vesicle Formation to Patterned Actin Nucleation. Cell, 2018, 174, 884-896.e17.	13.5	175
5	Visualizing the functional architecture of the endocytic machinery. ELife, 2015, 4, .	2.8	112
6	3D superresolution microscopy by supercritical angle detection. Optics Express, 2014, 22, 29081.	1.7	65
7	DRP1 interacts directly with BAX to induce its activation and apoptosis. EMBO Journal, 2022, 41, e108587.	3.5	59
8	Topological data analysis quantifies biological nano-structure from single molecule localization microscopy. Bioinformatics, 2020, 36, 1614-1621.	1.8	37
9	Depth-dependent PSF calibration and aberration correction for 3D single-molecule localization. Biomedical Optics Express, 2019, 10, 2708.	1.5	37
10	Type-I myosins promote actin polymerization to drive membrane bending in endocytosis. ELife, 2019, 8, .	2.8	26
11	An autoinhibitory clamp of actin assembly constrains and directs synaptic endocytosis. ELife, 2021, 10, .	2.8	19
12	Localization microscopy in yeast. Methods in Cell Biology, 2014, 123, 253-271.	0.5	18
13	How good are my data? Reference standards in superresolution microscopy. Molecular Biology of the Cell, 2020, 31, 2093-2096.	0.9	11
14	Dual-Color and 3D Super-Resolution Microscopy of Multi-protein Assemblies. Methods in Molecular Biology, 2018, 1764, 237-251.	0.4	10